

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
92.1	Human uveal melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M. Venza et al., Biochem. and Biophys. Res. Commun., 2013, 441: 743-750, doi.org/10.1016/j.bbrc.2013.10.114	
92.1	Human uveal melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	I. Venza et al., Int. Immunopharmacol., 2014, 21: 439-446; doi.org/10.1016/j.intimp.2014.05.024	
92.1	Human uveal melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	I. Venza et al., Int. Immunopharmacol., 2014, 21: 439-446; doi.org/10.1016/j.intimp.2014.05.024	
5637	Human urinary bladder grade II carcinoma cell line	ATCC HTB-9	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Mani et al., Maniet al. BMC Cancer, 2015, 15:224; DOI: 10.1186/s12885-015-1239-4	<a href="#">Link</a>
5637	Human urinary bladder grade II carcinoma cell line	ATCC HTB-9	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S. Caprodossi et al., Carcinogenesis, May 2011; 32: 686 - 694	<a href="#">Link</a>
5637	Human urinary bladder grade II carcinoma cell line	ATCC HTB-9	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	C. Amantini et al., Oncotarget, 2016, 7 (31): 50180-50194	<a href="#">Link</a>
143B	Human osteosarcoma cell line	ATCC CRL-8303	Human	Bone	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	A. D'Angelo, Dissertation, University of Parma	<a href="#">Link</a>
143B	Human osteosarcoma cell line	ATCC CRL-8303	Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	V. R. L. Vasco et al., J. Cell Commun. Signal, 2014, 8:219-229, DOI 10.1007/s12079-014-0235-9	<a href="#">Link</a>
143B	Human osteosarcoma cell line	ATCC CRL-8303	Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	V. R. Lo Vasco et al., Anticancer Res, Aug 2014; 34: 4069 - 4075	
143B	Human osteosarcoma cell line	ATCC CRL-8303	Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	V. R. Lo Vasco et al., J. Cell Commun. Signal., 2015, 9:55-62; DOI 10.1007/s12079-015-0265-y	
143B	Human osteosarcoma cell line	ATCC CRL-8303	Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	M. Leopizzi., PhD Thesis, 2018, University of Rome	<a href="#">Link</a>
184A1	Human immortalized mammary epithelial cells	ATCC CRL-8798	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Konopka et al., Cell Mol Biol Lett, Jan 2009; 14(1): 70-89	
1BR-hTERT	Human hTERT-immortalized skin fibroblasts		Human	Skin	Cell Line		siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	H. Brunton et al., Mol. Cell. Biol., Oct 2011; 31: 4022 - 4035	<a href="#">Link</a>
1BR-hTERT	Human hTERT-immortalized skin fibroblasts		Human	Skin	Cell Line		siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. Kerzendorfer et al., Hum. Mol. Genet., Apr 2010; 19: 1324 - 1334	<a href="#">Link</a>
1BR.3	Human primary fibroblasts		Human	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	I. Abramowicz ez al., HMG Advance Access, 2016	
1BR.3	Human primary fibroblasts		Human	Unknown	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	D. Alcantara, PhD Thesis, 2012, University of Sussex	<a href="#">Link</a>
1BR.3	Human primary fibroblasts		Human	Unknown	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	I. Abramowicz et al., Hum. Mol. Genet., Dec 2016, DOI: 10.1093/hmg/ddw364	
1BR3	Human primary fibroblasts		Human	Unknown	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	L. Woodbine et al., J. Clin. Invest., 2013, 123(7): 2969-2980, doi:10.1172/JCI67349	<a href="#">Link</a>
1BR3hTERT	Human hTERT immortalized fibroblasts		Human	Unknown	Unknown	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	T. Stiff et al., Hum. Mol. Genet., Apr 2016; 25: 1574 - 1587	<a href="#">Link</a>
1BR3hTERT	Human hTERT immortalized fibroblasts		Human	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	K. M. Zimmerman, PhD Thesis, 2013, University of Sussex	<a href="#">Link</a>
208pgsl	Chinese hamster ovary cell line defective in UDP-xylose Synthase (derivat of CHO)		Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	H. Bakker et al., J. Biol. Chem., Jan 2009; 284: 2576 - 2583	<a href="#">Link</a>
208pgsl	Chinese hamster ovary cell line defective in UDP-xylose Synthase (derivat of CHO)		Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Ashikov et al., Glycobiology, Mar 2013; 23: 303 - 309	<a href="#">Link</a>
22Rv1	Human prostate epithelial cancer cell line	ATCC CRL-2505	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Ansems et al., The Prostate, 2012, 72: 1708-1717, DOI 10.1002/pros.22522	
293-EBV	Human embryonic kidney cell line stably carrying recombinant EBV genome (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	R. Gonnella et al., Bioch. et Biophys. Acta, 2015, 1853: 1586-1595; doi.org/10.1016/j.bbamcr.2015.03.011	<a href="#">Link</a>
293-EBV	Human embryonic kidney cell line stably carrying recombinant EBV genome (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	R. Feederle et al., J. Virol., Nov 2009; 83: 10877 - 10891	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
293-EBV	Human embryonic kidney cell line stably carrying recombinant EBV genome (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	B. Neuhierl et al., J. Virol., May 2009; 83: 4616 - 4623	<a href="#">Link</a>
293-EBV	Human embryonic kidney cell line stably carrying recombinant EBV genome (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	H. Nowag et al., EBioMedicine, 2014, 1 : 116-125, doi.org/10.1016/j.ebiom.2014.11.007	<a href="#">Link</a>
293-EBV	Human embryonic kidney cell line stably carrying recombinant EBV genome (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	R. Feederle et al., J. Virol., May 2009; 83: 4952 - 4962	<a href="#">Link</a>
293-EBV	Human embryonic kidney cell line stably carrying recombinant EBV genome (derivat of HEK293)		Human	Urinary System	Cell Line		Plasmid		<a href="#">Metafectene</a>	S. Barth et al., Nucleic Acids Res., Feb 2008; 36: 666 - 675	<a href="#">Link</a>
293-EBV	Human embryonic kidney cell line stably carrying recombinant EBV genome (derivat of HEK293)		Human	Urinary System	Cell Line		Plasmid		<a href="#">Metafectene</a>	M. Granato et al., J. Virol., Apr 2008; 82: 4042 - 4051	<a href="#">Link</a>
293-TLR3	Human embryonic kidney cell line stably expressing TLR3 (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	R. Higgs et al., J. Immunol., Aug 2008; 181: 1780 - 1786	<a href="#">Link</a>
293-TLR4/MD2	Human embryonic kidney cell line stably expressing TLR4/MD2 (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	R. Higgs et al., J. Immunol., Aug 2008; 181: 1780 - 1786	<a href="#">Link</a>
293/2089	Human embryonic kidney cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	S. Iskra et al., J. Virol., Apr 2010; 84: 3612 - 3623	<a href="#">Link</a>
293/delta BALF	Human embryonic kidney virus producer cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	B. Neuhierl et al., J. Virol., May 2009; 83: 4616 - 4623	<a href="#">Link</a>
293/delta BBRI	Human embryonic kidney virus producer cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Pavlova et al., J. Virol., Feb 2013; 87: 2011 - 2022	<a href="#">Link</a>
293/delta BFLF	Human embryonic kidney virus producer cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Pavlova et al., J. Virol., Feb 2013; 87: 2011 - 2022	<a href="#">Link</a>
293/delta BGLF	Human embryonic kidney cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	R. Feederle et al., J. Virol., Nov 2009; 83: 10877 - 10891	<a href="#">Link</a>
293/delta BGLF	Human embryonic kidney cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	R. Feederle et al., J. Virol., May 2009; 83: 4952 - 4962	<a href="#">Link</a>
293/delta BGRI	Human embryonic kidney virus producer cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Pavlova et al., J. Virol., Feb 2013; 87: 2011 - 2022	<a href="#">Link</a>
293/delta BLLF	Human embryonic kidney cell line(derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	C. Busse et al., J. Virol., Jan 2010; 84: 1139 - 1147	<a href="#">Link</a>
293/delta delta	Human embryonic kidney cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	R. Feederle et al., J. Virol., Nov 2009; 83: 10877 - 10891	<a href="#">Link</a>
293/EBV	Human embryonic kidney cell line stably carrying recombinant EBV genome (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	M. G. Montani et al., Autophagy, 2019, 15, 4: 652-667, doi.org/10.1080/15548627.2018.1536530	<a href="#">Link</a>
293/EBV	Human embryonic kidney cell line stably carrying recombinant EBV genome (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	M. G. Montani et al., Autophagy, 2019, 15, 4: 652-667, doi.org/10.1080/15548627.2018.1536530	<a href="#">Link</a>
293A	Human embryonic kidney adenovirus producer cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	H. Qiu et al., Cell Death and Differentiation, 2016, 23: 1658-1669, doi:10.1038/cdd.2016.56	<a href="#">Link</a>
293A	Human embryonic kidney adenovirus producer cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	miRNA		<a href="#">K2 Transfection System</a>	H. Qiu et al., Cell Death and Differentiation, 2016, 23: 1658-1669, doi:10.1038/cdd.2016.56	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
293A	Human embryonic kidney adenovirus producer cell line (derivat of HEK293)	DSM ACC 305	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	W. Kim et al., J. Biol. Chem., 287 (8): 5278-5289, DOI 10.1074/jbc.M111.281709	<a href="#">Link</a>
293A	Human embryonic kidney adenovirus producer cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	K. Troidl et al., Arterioscler Thromb Vasc Biol, Dec 2009; 29: 2093 - 2101	<a href="#">Link</a>
293A	Human embryonic kidney adenovirus producer cell line (derivat of HEK293)	DSM ACC 305	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	W. Kim et al., J. Biol. Chem., 287 (8): 5278-5289, DOI 10.1074/jbc.M111.281709	<a href="#">Link</a>
293A	Human embryonic kidney adenovirus producer cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene EASY</a>	J. M. Krebs, Dissertation, 2013, Georg-August-Universität zu Göttingen	<a href="#">Link</a>
293A	Human embryonic kidney adenovirus producer cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene EASY</a>	J. M. Krebs, Dissertation, 2013, Georg-August-Universität zu Göttingen	
293A	Human embryonic kidney adenovirus producer cell line (derivat of HEK293)	DSM ACC 305	Human	Urinary System	Cell Line	Adherent	sgRNA	CRISPR	<a href="#">Metafectene SI</a>	K. Kang et al., J. of Animal Sci. and Biotech., 2019, doi.org/10.1186/s40104-019-0354-510: 43	<a href="#">Link</a>
293A	Human embryonic kidney adenovirus producer cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	A. D. Konitsiotis et al., PLoS ONE, 2014, 9 (3): e89899, doi:10.1371/journal.pone.0089899	<a href="#">Link</a>
293Cre4	Human embryonic kidney cell line expressing Cre-recombinase (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	M. Ahn et al., Human Gene Ther. Methods, 2012, 24: 1-10, DOI: 10.1089/hgtb.2012.198	<a href="#">Link</a>
293FT	Human embryonic kidney virus producer cell line (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	miRNA	Cotransfection (Plasmid/miRNA)	<a href="#">Metafectene</a>	T.-D. Kim et al., Blood, Nov 2011; 118: 5476 - 5486	<a href="#">Link</a>
293FT	Human embryonic kidney virus producer cell line (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/miRNA)	<a href="#">Metafectene</a>	T.-D. Kim et al., Blood, Nov 2011; 118: 5476 - 5486	<a href="#">Link</a>
293FT	Human embryonic kidney virus producer cell line (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	N. T. Hill, PhD Thesis, 2015, Wright State University	<a href="#">Link</a>
293FT	Human embryonic kidney virus producer cell line (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	E. A.K. Carey et al., Stem Cells and Dev., 2014, 23(23): 2921-2930; DOI: 10.1089/scd.2014.0092	
293FT	Human embryonic kidney virus producer cell line (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	M. Petit et al., Experimental Gerontology, 2017, 92: 7-12	
293FT	Human embryonic kidney virus producer cell line (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	N. T. Hill, PhD Thesis, 2015, Wright State University	<a href="#">Link</a>
293FT	Human embryonic kidney virus producer cell line (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	E. A.K. Carey et al., Stem Cells and Dev., 2014, 23(23): 2921-2930; DOI: 10.1089/scd.2014.0092	
293FT	Human embryonic kidney virus producer cell line (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	E. A.K. Carey et al., Stem Cells and Dev., 2014, 23(23): 2921-2930; DOI: 10.1089/scd.2014.0092	
293FT	Human embryonic kidney virus producer cell line (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	R. E. Albers et al., Scientific Reports, 2019, 9: 2742, doi.org/10.1038/s41598-019-39426	<a href="#">Link</a>
293FT	Human embryonic kidney virus producer cell line (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	M. Petit et al., Experimental Gerontology, 2017, 92: 7-12	
293FT	Human embryonic kidney virus producer cell line (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	J. Yin et al., BRAIN, 2015, 138; 2553-2570; doi:10.1093/brain/aww167	<a href="#">Link</a>
293FT	Human embryonic kidney virus producer cell line (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	J. K. Myung et al., Oncotarget, 2017, 8 (4): 6819-6832	<a href="#">Link</a>
293FT	Human embryonic kidney virus producer cell line (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	J. Yin et al., BRAIN, 2015, 138; 2553-2570; doi:10.1093/brain/aww167	<a href="#">Link</a>
293FT	Human embryonic kidney virus producer cell line (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	S. Tripolt et al., bioRxiv, doi.org/10.1101/443663	<a href="#">Link</a>
293FT	Human embryonic kidney virus producer cell line (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	P. Guye et al., US9677085B2	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
293FT	Human embryonic kidney virus producer cell line (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	J. K. Myung et al., <i>Oncotarget</i> , 2017, 8 (4): 6819-6832	<a href="#">Link</a>
293FT	Human embryonic kidney virus producer cell line (derivative of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	D.P. Elmer et al., bioRxiv preprint, 2020, doi: <a href="https://doi.org/10.1101/2020.05.04.074757">https://doi.org/10.1101/2020.05.04.074757</a>	<a href="#">Link</a>
293FT	Human embryonic kidney virus producer cell line (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	X. Duportet, Dissertation, 2014, Université Paris Diderot	<a href="#">Link</a>
293FT	Human embryonic kidney virus producer cell line (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	P. Guye et al., <i>Nucleic Acids Res.</i> , Sep 2013; 41: e156	<a href="#">Link</a>
293FT	Human embryonic kidney virus producer cell line (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M.-C. Frantz et al., <i>J. Med. Chem.</i> , 2018, 61: 8670–8692, DOI:10.1021/acs.jmedchem.8b00697	
293FT	Human embryonic kidney virus producer cell line (derivative of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S. Tripolt et al., <i>Neoplasia</i> , 2021, 23: 270–279, doi: 10.1016/j.neo.2020.12.011	<a href="#">Link</a>
293L	Human embryonic kidney cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	S. Thakker et al., <i>Oncotarget</i> , 2018, 9 (1): 1210-1228	<a href="#">Link</a>
293L	Human embryonic kidney cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Thakker et al., <i>J. Virol.</i> , May 2015; 89: 5536 - 5556	
293L	Human embryonic kidney cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	bacmid	Stable Transfection	<a href="#">Metafectene PRO</a>	P. Dabral, Dissertation, 2019, University of Nevada	<a href="#">Link</a>
293L	Human embryonic kidney cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	bacmid	Stable Transfection	<a href="#">Metafectene PRO</a>	T. Uppal et al., <i>J. of Virology</i> , 2019, 93, 8 e01983-18, doi.org/10.1128/JVI.01983-18	<a href="#">Link</a>
293L	Human embryonic kidney cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	bacmid	Stable Transfection	<a href="#">Metafectene PRO</a>	P. Dabral et al., <i>J. of Virology</i> , 2019, 93: e02256-18, doi.org/10.1128/JVI.02256-18	<a href="#">Link</a>
293L	Human embryonic kidney cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	bacmid	Stable Transfection	<a href="#">Metafectene PRO</a>	M. E. McDowell, Dissertation, 2012, University of Nevada	<a href="#">Link</a>
293L	Human embryonic kidney cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	bacmid	Virus Production	<a href="#">Metafectene PRO</a>	T. Uppal et al., <i>J. of Virology</i> , 2019, 93, 8 e01983-18, doi.org/10.1128/JVI.01983-18	<a href="#">Link</a>
293L	Human embryonic kidney cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	bacmid	Virus Production	<a href="#">Metafectene PRO</a>	R. C. Strahan et al., <i>PLOSPathogens</i> , 2017, doi.org/10.1371/journal.ppat.1006482	<a href="#">Link</a>
293L	Human embryonic kidney cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	bacmid		<a href="#">Metafectene PRO</a>	M. E. McDowell et al., <i>J. Virol.</i> , Jul 2013; 87: 8038 - 8052	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	miRNA	Cotransfection (Plasmid/miRNA)	<a href="#">K2 Transfection System</a>	Z. Cai et al., <i>Exp. &amp; Mol. Med.</i> , 2018, 50: 45, DOI 10.1038/s12276-018-0068-3	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/miRNA)	<a href="#">K2 Transfection System</a>	Z. Cai et al., <i>Exp. &amp; Mol. Med.</i> , 2018, 50: 45, DOI 10.1038/s12276-018-0068-3	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">K2 Transfection System</a>	L. Iarriccio et al., <i>PLOS ONE</i> , 2015, DOI: 10.1371/journal.pone.0142980	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">K2 Transfection System</a>	C. D. Zappia et al., <i>Scientific Reports</i> , 2015, 5:17476, DOI: 10.1038/srep17476	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">K2 Transfection System</a>	D. Marks et al., bioRxiv preprint, 2021, doi.org/10.1101/2021.09.15.460502	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">K2 Transfection System</a>	C. Zappia et al., <i>Pharmacol. Res. Perspect.</i> , 2019, e00531, DOI: 10.1002/prp2.531	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">K2 Transfection System</a>	D. Marks et al., bioRxiv preprint, 2021, doi.org/10.1101/2021.09.15.460502	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	miRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	V. Burghi et al., <i>Front. Pharmacol.</i> , 2019, doi: 10.3389/fphar.2019.00146	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">K2 Transfection System</a>	C. I. McCarthy et al., J. Gen. Physiol., 2020, 152, 5: e201912492, doi.org/10.1085/jgp.201912492	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">K2 Transfection System</a>	E. Echeverría et al., Front. Pharmacol., 2020, 11: 113, doi: 10.3389/fphar.2020.00113	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">K2 Transfection System</a>	A. Rodriguez Gonzalez et al., The FEBS J., 2020, 288:229-243, doi:10.1111/febs.15344	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	C. Stegmann et al., J. of Virology, 2019, 93: 11, e00138-19, doi.org/10.1128/JVI.00138-19	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	V. Burghi et al., Front. Pharmacol., 2019, 10: 146, doi: 10.3389/fphar.2019.00146	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	N. Alonso et al.; Front. Pharmacol., 6:45. doi:10.3389/fphar.2015.00045	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	C. D. Zappia et al., Cells, 2021, 10, 3026, doi.org/10.3390/cells10113026	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	B. Giotti et al., J. Mol. Cell Biol., 2019, 11 (8): 703-718, doi:10.1093/jmcb/mjy063	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	G. Granja-Galeano et al., Biochemical Pharmacology, 2017, 146: 117-126	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">K4 Transfection System</a>	D. Marks et al., bioRxiv preprint, 2021, doi.org/10.1101/2021.07.01.450700	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	sgRNA	CRISPR	<a href="#">K4 Transfection System</a>	D. Marks et al., bioRxiv preprint, 2021, doi.org/10.1101/2021.07.01.450700	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">K4 Transfection System</a>	D. Marks et al., acta neuropathol commun, 2021, 9: 66, doi.org/10.1186/s40478-021-01174-x	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">K4 Transfection System</a>	D. Marks et al., bioRxiv preprint, 2020, doi:https://doi.org/10.1101/2020.04.16.001255	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	miRNA	Cotransfection (Plasmid/miRNA)	<a href="#">Metafectene</a>	s. Guan, Dissertation , 2018, Ruprecht-Karls-Universität Heidelberg	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	miRNA	Cotransfection (Plasmid/miRNA)	<a href="#">Metafectene</a>	S. Miretti et al., BMC Genomics, 2013, 14: 194, doi:10.1186/1471-2164-14-194	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/miRNA)	<a href="#">Metafectene</a>	S. Miretti et al., BMC Genomics, 2013, 14: 194, doi:10.1186/1471-2164-14-194	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/miRNA)	<a href="#">Metafectene</a>	s. Guan, Dissertation , 2018, Ruprecht-Karls-Universität Heidelberg	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	K. M. P. Das et al., Journal of Lipid research, 2018, doi: 10.1194/jlr.M082388	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	W. Eid et al., J. Cell. Biochem.,2019, 120: 8983-8991, DOI: 10.1002/jcb.28169	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	S. Cabezudo et al., Nature Commun., 2021,doi.org/10.1038/s41467-021-24811-4	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	C. C. Lee et al., Mol. Cell, 2019, 76: 500-515, DOI: 10.1016/j.molcel.2019.07.026	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	B. Kien et al., J. of Lipid Res., 2018	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	N. Osinalde et al., Mol. Cell. Proteomics, Jun 2016, 15, 2076 - 2092	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	A.-M. Mitterstiller et al., Cellular Microbiology, 2016, 18 (10): 1374-1389; doi:10.1111/cmi.12578	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	M. Faria et al., Cancers, 2021, 13: 5861, doi.org/10.3390/cancers13225861	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	Y.-E. Kim et al., PLoS Pathog, 2015, 11(3): e1004785; doi:10.1371/journal.ppat.1004785	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	N. Sahner, Dissertation, 2019, Technische Universität Darmstadt	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	T.-D. Kim et al., Mol. Cell. Biol., Apr 2005; 25: 3232 - 3246	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	K.-C. Woo et al., FASEB J, Aug 2011; 25: 2757 - 2769	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	R. Higgs et al., J. Immunol., Aug 2008; 181: 1780 - 1786	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	A. D. Amsel et al., PNAS, Apr 2008; 105: 5117 - 5122	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	A. D. Amsel et al., PNAS, Apr 2008; 105: 5117 - 5122	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	D. Konina et al., Int. J. Mol. Sci., 2021, 22, 8477, doi.org/10.3390/ijms22168477	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	S. M. Hoser et al., Genome Biology, 2020, 21: 299, doi.org/10.1186/s13059-020-02199-6	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	B. C. Viertlboeck et al., J. Immunol., Jun 2009; 182: 6985 - 6992	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	O. Meca-Cortès, PhD Thesis, 2014, Universitat de Barcelona	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	O. G. Engelhardt et al., J. Gen. Virol., Aug 2004; 85: 2315 - 2326	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	L. T. Jennelle, Dissertation, 2013, George Washington University	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	S. Santos, dissertation, 2015, John Hopkins University	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	S. Lohregel et al., J. Virol., Aug 2005; 79: 10237 - 10246	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	A.-M. Mitterstiller et al., Cellular Microbiology, 2016, 18 (10): 1374-1389; doi:10.1111/cmi.12578	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	J. Grassinger et al., Blood, Jul 2009; 114: 49 - 59	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	L. A. Chylek et al., PLoS ONE, 2014, 9(8): e104240, doi:10.1371/journal.pone.0104240	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	J. Nehring, Ruprecht-Karls-Universität (Heidelberg)	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	N. Osinalde et al., Molecular & Cellular Proteomics, 2016, 15(6), 2076-2092; DOI: 10.1074/mcp.M115.057158	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	S. Santos et al., Virology, 2016. 497:11-22; doi.org/10.1016/j.virol.2016.06.023	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	P. Sproll et al., Mol. Genet. Genomic Med., 2018, 6:785-795, DOI: 10.1002/mgg3.445	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	M. Mansha et al., Turk. J. Biol., 2014, 38: 906-915, doi:10.3906/biy-1404-93	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	S. Iordanskiy et al., J. Virol., Sep 2004; 78: 9697 - 9704	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	Y.-E. Kim et al., PLoS Pathog, 2015, 11(3): e1004785; doi:10.1371/journal.ppat.1004785	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	H. J. Lawrence et al., Blood, Dec 2005; 106: 3988 - 3994	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	V. Akimov et al., J. Proteome Res., 2014, 13: 4192-4204, doi.org/10.1021/pr500549h	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	N. Osinalde et al., Mol. Cell. Proteomics, Jun 2016; 15: 2076 - 2092	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	S. Suttiaprapa et al., PLOS Pathogens, 2016; DOI: 10.1371/journal.ppat.1005931	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	Y. J. Kim et al., PLOS Pathogens, 2016; DOI:10.1371/journal.ppat.1005850	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	W. Eid et al., J. Cell. Biochem., 2019, 120: 8983-8991, DOI: 10.1002/jcb.28169	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	S. M. Hoser et al., Genome Biology, 2020, 21: 299, doi.org/10.1186/s13059-020-02199-6	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	T. H. Pham et al., J. Virol., Mar 2013; 87: 3076 - 3086	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	V. Sanchez-Quiles, Data in Brief 18: 1856-1863, doi.org/10.2016/j.dib.2018.04.049	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	S. Etemad et al., J. Neurosci., Jan 2014; 34: 1446 - 1461	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	Y. H. Huh et al., J. Virol., Nov 2008; 82: 10444 - 10454	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	C. Haller et al., J. Virol., Dec 2014; 88: 14241 - 14257	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	C. C. Lee et al., Mol. Cell, 2019, 76: 500-515, DOI: 10.1016/j.molcel.2019.07.026	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	N. Osinalde et al., Mol. Cell. Proteomics, Jun 2016, 15, 2076 - 2092	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	J. H. Kim, Journal of Cachexia, 2021, 12: 177-191, DOI: 10.1002/jcsm.12653	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	Y.-E. Kim et al., J. Virol., Nov 2011; 85: 11928 - 11937	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	B. Trautz et al., J. Virol., Dec 2016, 90, 10915 - 10927	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	R. Sigl et al., PLoS ONE, 2014, 9(5): e97764, doi:10.1371/journal.pone.0097764	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	J. Kübler et al., Oncotarget, 2016, 7(29): 45500-45512	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	R. Gil et al., Nucleic Acids Res., Oct 2013; 41: 8537 - 8545	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	R. Berro et al., J. Virol., Jul 2008; 82: 7155 - 7166	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. Dietschy et al., J. Cell Sci., Apr 2009; 122: 1258 - 1267	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Noviello et al., J. Biol. Chem., Aug 2003; 278: 31843 - 31847	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Buettner et al., J. Gen. Virol., Jan 2010; 91: 220 - 227	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Dolde et al., Journal of Cell Science, 2018, 131, jcs207316, doi:10.1242/jcs.207316	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	viral RNA		<a href="#">Metafectene</a>	M. Herrel et al., J. Virol., Oct 2012; 86: 10739 - 10747	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. A. Jansen et al., J. Immunol., Dec 2016, 197, 4696 - 4703	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Gegenbauer et al., Blood, Apr 2012; 119: 3799 - 3807	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	E. Kowenz-Leutz et al., Biochim. et Biophys. Acta, 2016, 1859: 841-847; doi.org/10.1016/j.bbagr.2016.04.008	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. J. Ausserlechner et al., Mol. Cancer Ther., Aug 2006; 5: 1927 - 1934	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. C. Byrne et al., J. Immunol., May 2013; 190: 5207 - 5215	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. A. Compton et al., EMBO Rep., Nov 2016, 17, 1657 - 1671	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Langlois et al., Mol. Biol. Cell, Mar 2008; 19: 912 - 928	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Vogt et al., J. Virol., Nov 2008; 82: 11446 - 11453	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. H. Harvey et al., Mol. Cell. Biol., Jan 2004; 24: 662 - 674	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	P. Atanes et al., Cell Physiol. Biochem., 2018, 45: 656-666	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Schwendener et al., J. Biol. Chem., May 2010; 285: 15739 - 15745	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	B. C. Viertlboeck et al., J. Immunol., Dec 2004; 173: 7385 - 7393	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	P. Carrasco Rodriguez, Dissertation, 2012, Universitat de Barcelona	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Faria et al., Cancers, 2021, 13: 5861, doi.org/10.3390/cancers13225861	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	W. Wang et al., PNAS, May 2005; 102: 7505 - 7510	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Nölle et al., Hum. Mol. Genet., Dec 2011; 20: 4865 - 4878	<a href="#">Link</a>



CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Martin et al., J. Virol., Jun 2006; 80: 5708 - 5715	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	Z. Ahmed et al., J. Cell Biol., Feb 2013; 200: 493 - 504	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Y. Filatova et al., Europ. J. of Human Genetics, 2019, 27: 488-493	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Schmid et al., J. Virol., Jun 2007; 81: 5497 - 5507	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. E. Meents et al., PLOS ONE January, 2017, DOI:10.1371/journal.pone.0170097	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. Gruber et al., J Mol Cell Biol, Dec 2013; 5: 358 - 368	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J.-H. Kim et al., J. of Cachexia, Sarcopenia and Muscle, 2021, 12: 177-191, DOI: 10.1002/jcsm.12653	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Kawai et al., Eur. J. Biochem. 270, 4459-4468 (2003)	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	L. Jennelle et al., J. Biol. Chem., Oct 2014; 289: 28870 - 28884.	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Osinalde et al., Mol. Cell. Proteomics, Jun 2016, 15, 2076 - 2092	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	W. Kim et al., J. Biol. Chem., 287 (8): 5278-5289, DOI 10.1074/jbc.M111.281709	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. N. Gabhann et al., J. Immunol., Mar 2010; 184: 2314 - 2320	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	Y. Attali-Padael et al., Biol. Cell., 2021, 113: 450-457, DOI: 10.1111/boc.202100011	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T.-D. Kim et al., Mol. Cell. Biol., Apr 2005; 25: 3232 - 3246	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	B. Trautz et al., J. Virol., Dec 2016, 90, 10915 - 10927	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	B. Reicher et al., Mol. Cell. Biol., Aug 2012; 32: 3153 - 3163	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. A. Cabrita et al., J. Biol. Chem., Sep 2006; 281: 29201 - 2912	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	R. D. Fritz et al., Sci. Signal., Jul 2013; 6: rs12	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	B. C. Viertlboeck et al., J. Immunol., Feb 2009; 182: 1533 - 1540.	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Pürzel et al., J. Immunol., Oct 2009; 183: 4554 - 4559	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. Sone et al., J. Biol. Chem., Jul 2004; 279: 28807 - 28816	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	mRNA		<a href="#">Metafectene</a>	T. P. Hoernes et al., Genes, 2019, 10, 84, doi:10.3390/genes10020084	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	U. Schneider et al., J. Biol. Chem., Dec 2004; 279: 55290 - 55296	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K.-C. Woo et al., FASEB J, Aug 2011; 25: 2757 - 2769	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	B. C. Viertlboeck et al., J. Immunol., Jul 2005; 175: 385 - 393	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K.-H. Lee et al., Mol. Cell. Biol., Feb 2012; 32: 717 - 728	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	E. Kwak et al., J. Biol. Chem., Jul 2006; 281: 19100 - 19106	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Schwartz et al., New Biotechnology, 2018, doi.org/10.1016/j.nbt.2018.02.004	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Cabezedo et al., Nature Commun., 2021,doi.org/10.1038/s41467-021-24811-4	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	I. Walliser et al., Dev. Comp. Immunol., 2018, 81: 44-53, doi: 10.1016/j.dci.2017.11.004	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Schneider et al., Int. Immunol., Jan 2004; 16: 139 - 148	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Wunderlich et al., J. Biol. Chem., May 2010; 285: 16704 - 16712	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Jordanskiy et al., Blood, Sep 2004; 104: 1867 - 1872	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Oligonucleotide		<a href="#">Metafectene</a>	A. Ploner et al., RNA, Oct 2009; 15: 1797 - 1804	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	B. Mänz et al., J. Biol. Chem., Mar 2011; 286: 8414 - 8424	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	V. Yurchenko et al., J. Biol. Chem., Apr 2005; 280: 17013 - 17019	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	R. Berro et al., J. Virol., Apr 2006; 80: 3189 - 3204	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	B. H. Ha et al., Biochem. and Biophys. Res. Commun., 2016, 476: 450-456	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	B. H. Ha et al., Biochem. and Biophys. Res. Commun., 2016, 476: 450-456	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. L. Halls et al., J. Pharmacol. Exp. Ther., Jan 2007; 320: 281 - 290	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene EASY</a>	G. Medici, Dissertation, 2019, Università di Bologna	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene EASY</a>	Z. Mbata et al., Mol. Cell. Biochem., 2012, 362: 249-262, DOI 10.1007/s11010-011-1150-5	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	suspension	Plasmid	Stable Transfection	<a href="#">Metafectene EASY</a>	M. E. Madlener, 2012, Dissertation, Universität zu Köln	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	C. Fuchs et al., Brain Pathology, 2019, ISSN 1015-6305, doi:10.1111/bpa.12716	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	L. Y. Zakharova et al., Colloids and Surfaces B: Biointerfaces, 2016, 140: 269-277; doi.org/10.1016/j.colsurfb.2015.12.045	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	A. El Zawily et al., Scientific Reports, 2017, 7:14767, DOI:10.1038/s41598-017-15200-3	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	M. Albanese et al., PNAS, Oct 2016, 113, E6467 - E6475	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	M. J. Chun et al., Oncotarget, 2016, 7 (33): 53642-53653	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	H. Cho et al., Nature Plants, 2018, 4:376-390 ,doi.org/10.1038/s41477-018-0157-2	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	T. Tagawa et al., J. Exp. Med., Sep 2016, 213, 2065 - 2080	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	E. Munkhbaatar et al., Dissertation, 2015, Technical University Munich	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	J. Zhao et al., 2019, US 10254283 B2	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	R. Dominguez-Kelly et al., J. Cell Biol., Aug 2011; 194: 567 - 579	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	S. Liu et al., J. Biol. Chem., 2015, 290(29): 17894-17908; DOI 10.1074/jbc.M114.607184	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	Z. Mbita, Dissertation, 2012, University of the Witwatersrand	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	S. Liu et al., J. Biol. Chem., Jul 2015; 290: 17894 - 17908	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	S. Kim et al., Nature Communications, 2019, 10:4898, doi.org/10.1038/s41467-019-12910-2	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	J. Galán-Martínez et al., Mol. Oncology, 2021, doi:10.1002/1878-0261.13085	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	A. M. El Zawily et al., Oncotarget, 2016, 7 (47): 77865-77877	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	F. P. Martínez et al., J. Virol., Jul 2014; 88: 7389 - 7401	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	A. El Zawily et al., Scientific Reports, 2017, 7:14767, DOI:10.1038/s41598-017-15200-3	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	J. Zhao et al., 2019, US 10254283 B2	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	A. Gardini et al., EMBO J., Apr 2014; 33: 890 - 905	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	J. Zhao et al., US 2016/0291017	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	E. Munkhbaatar et al., Dissertation, 2015, Technical University Munich	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	R. S. Cruz Cosme et al., J. Virol., Apr 2009; 83: 2839 - 2850	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	W. Eid et al., Mol. Endocrinol., 2015, 29(2): 247-257; doi: 10.1210/me.2014-1339	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	B. Riva, PhD Thesis, 2013, Università degli Studi del Piemonte Orientale	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	Y. Wang et al., eLife Sci, Jan 2014; 3: e01763	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	S. R. Spinner, Dissertation, 2016, Technical University Munich	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	Wang et al. eLife 2014;3:e01763. DOI: 10.7554/eLife.01763	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	D. Lo et al., Oncogene, 2015, 34:1688-1697; doi:10.1038/onc.2014.103	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	M. J. Chun et al., Oncotarget, 2016, 7 (33): 53642-53653	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	T. Tagawa et al., J. Exp. Med., Sep 2016, 213, 2065 - 2080	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	K. Fortschegger et al., Mol. Cell. Biol., Jul 2010; 30: 3286 - 3298	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	R. Sarkar et al., Oncotarget, 2017, 8 (53): 91425-91444	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	R. Sarkar et al., Oncotarget, 2017, 8 (53): 91425-91444	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H. Pan et al., Mol. Psychiatry, 2018, doi.org/10.1038/s41380-017-0011-3	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. Masià-Balagué et al., J. Biol. Chem., Jun 2015; 290: 15197 - 15209	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. Berrout et al., Nature Communications, 2017,8: 947, DOI: 10.1038/s41467-017-00983-w	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	P. Hindryckx et al., J. Immunol., Nov 2010; 185: 6306 - 6316	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	R. Dominguez-Kelly et al., J. Cell Biol., Aug 2011; 194: 567 - 579	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. Kopp, Dissertation, 2014, Technischen Universitaet Darmstadt	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. Xu et al., PLoS ONE, 2015, 10(3): e0121439; doi:10.1371/journal.pone.0121439	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	K. Park et al., Biomaterials, 2017, 138: 169e178, doi.org/10.1016/j.biomaterials.2017.05.044	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S. M. Figueroa, Tesis Doctoral, 2021, Universidad Complutense de Madrid	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. Bugge et al., J. Biol. Chem., Jun 2010; 285: 17310 - 17317	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S. Liu et al., J. Biol. Chem., Jul 2015; 290: 17894 - 17908	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. König, Bachelor Thesis, 2017, Beuth Hochschule für Technik Berlin	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	B. C. Viertlboeck et al., PNAS, Jul 2007; 104: 11718 - 11723	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. Albanese et al., PNAS, Oct 2016, 113, E6467 - E6475	
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	X. Huang et al., US9540619B2	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	V. Turowski et al., PLOS ONE, DOI:10.1371/journal.pone.0151513	<a href="#">Link</a>
293T	Human embryonic kidney cell line, SV40 large T antigen inserted	ATCC CRL-3216	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	Z. Mbita et al., Mol. Cell. Biochem., 2012, 362: 249–262, DOI 10.1007/s11010-011-1150-5	
293T/17	Human embryonic kidney subclone 17, SV40 large T antigen inserted	ATCC CRL-11268	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	X. Zhang et al., Scientific Reports, 2021, 11: 8004, doi.org/10.1038/s41598-021-87561-9	<a href="#">Link</a>
293T/17	Human embryonic kidney subclone 17, SV40 large T antigen inserted	ATCC CRL-11268	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	S. Santos et al., Retrovirology, 2012, 9: 65, doi:10.1186/1742-4690-9-65	<a href="#">Link</a>
293T/17	Human embryonic kidney subclone 17, SV40 large T antigen inserted	ATCC CRL-11268	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	T. Busiello et al., Hum. Mol. Genetics, 2017, 26 (2): 344-353, doi: 10.1093/hmg/ddw427	
293T/17	Human embryonic kidney subclone 17, SV40 large T antigen inserted	ATCC CRL-11268	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	S. Zhang et al., PLOS ONE, 2016; DOI: 10.1371/journal.pone.0146831	<a href="#">Link</a>
293T/17	Human embryonic kidney subclone 17, SV40 large T antigen inserted	ATCC CRL-11268	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	S. Santos et al., Retrovirology, 2012, 9: 65, doi:10.1186/1742-4690-9-65	<a href="#">Link</a>
293T/17	Human embryonic kidney subclone 17, SV40 large T antigen inserted	ATCC CRL-11268	Human	Urinary System	Unknown	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Scheller et al., J. Exp. Med., Oct 2013; 210: 2239 - 2256	<a href="#">Link</a>
293T/17	Human embryonic kidney subclone 17, SV40 large T antigen inserted	ATCC CRL-11268	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	X. Zhang et al., Scientific Reports, 2021, 11: 8004, doi.org/10.1038/s41598-021-87561-9	<a href="#">Link</a>
293T/MARC-14	Co-culture of 293T and MARC-145 cell lines			Unknown	Unknown		Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	P. Wongthida et al., Arch. Virol., 2017, 162: 2553-2563, DOI 10.1007/s00705-017-3390-5	
293T/MARC-145						Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	M. Suhardiman et al., Virus Research, 2015, 195: 1-8; doi.org/10.1016/j.virusres.2014.09.008	
293TN	Human embryonic kidney cell line, SV40 large T antigen inserted (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	F. Walter et al., Cell Death and Differentiation, 2015, 22: 1502-1516; doi: 10.1038/cdd.2014.241	<a href="#">Link</a>
293TN	Human embryonic kidney cell line, SV40 large T antigen inserted (derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	F. Walter et al., Cell Death and Differentiation, 2015, 22: 1502-1516; doi: 10.1038/cdd.2014.241	<a href="#">Link</a>
2D8	chicken B cell line, reticuloendotheliosis virus transformed		Chicken	Immune System	Cell Line		Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	V. Turowski et al., PLOS ONE, DOI:10.1371/journal.pone.0151513	<a href="#">Link</a>
2D8	chicken B cell line, reticuloendotheliosis virus transformed		Chicken	Immune System	Cell Line		Plasmid		<a href="#">Metafectene PRO</a>	B. C. Viertlboeck et al., PNAS, Jul 2007; 104: 11718 - 11723	<a href="#">Link</a>
2D8	chicken B cell line, reticuloendotheliosis virus transformed		Chicken	Immune System	Cell Line		Plasmid		<a href="#">Metafectene PRO</a>	P. Petrov et al., APMIS, 125: 106-113, DOI 10.1111/apm.12641	
2D8	chicken B cell line, reticuloendotheliosis virus transformed		Chicken	Immune System	Cell Line		Plasmid		<a href="#">Metafectene PRO</a>	P. Petrov, Dissertation, 2016, University of Oulu	<a href="#">Link</a>
2FTGH	Human fibrosarcoma cell line		Human	Unknown	Cell Line		Plasmid		<a href="#">Metafectene</a>	A. J. Scarzello et al., Mol. Biol. Cell, Jul 2007; 18: 2455 - 2462	<a href="#">Link</a>
3AB-OS	Human osteocarcinoma cancer stem cell line		Human	Unknown	stem cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	R. di Tiore et al., Bone, 2014, 60: 198-212, doi.org/10.1016/j.bone.2013.12.021	
3AB-OS	Human osteocarcinoma cancer stem cell line		Human	Unknown	stem cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M. Marcatti, PhD Thesis, 2015, University of Palermo	<a href="#">Link</a>
3T3-L1	Mouse embryonic fibroblast cell line	ATCC CL-173	Mouse	Unknown	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	S. Desarzens et al., PLoS ONE, 2014, 9(4): e94127, doi:10.1371/journal.pone.0094127	<a href="#">Link</a>
3T3-L1	Mouse embryonic fibroblast cells differentiated to adipocytes		Mouse	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	J.-E. Lee et al., Proteomics, 2013, 13: 2998–3012, DOI 10.1002/pmic.201200549	
3T3-L1	Mouse embryonic fibroblast cell line	ATCC CL-173	Mouse	Unknown	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	E. Kowenz-Leutz et al., EMBO J., Mar 2010; 29: 1105 - 1115	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
3T3-L1	Mouse embryonic fibroblast cell line	ATCC CL-173	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	B. J at al., J. Biomedicine & Pharmacotherapy, 2019, 116, 109030, doi.org/10.1016/j.biopha.2019.109030	<a href="#">Link</a>
3T3-L1	Mouse embryonic fibroblast cell line	ATCC CL-173	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	G. Hörl et al., J. Biol. Chem., May 2011; 286: 17338 - 17350	<a href="#">Link</a>
3T3-L1	Mouse embryonic fibroblast cell line	ATCC CL-173	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	P. Hallenborg et al., Mol. Cell. Biol., Aug 2010; 30: 4077 - 4091	<a href="#">Link</a>
3T3-L1	Mouse embryonic fibroblast cell line	ATCC CL-173	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	L. Madsen et al., J. Biol. Chem., Mar 2008; 283: 7196 - 7205	<a href="#">Link</a>
3T3-L1	Mouse embryonic fibroblast cell line	ATCC CL-173	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C.-C. Chang et al., Int. J. of Medical Sci., 2019, 16(1): 167-179. doi: 10.7150/ijms.24068	<a href="#">Link</a>
3T3-L1	Mouse embryonic fibroblast cell line	ATCC CL-173	Mouse	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M. M. Musri et al., J. Biol. Chem., Sep 2010; 285: 30034 - 30041	<a href="#">Link</a>
3T3-L1	Mouse embryonic fibroblast cell line	ATCC CL-173	Mouse	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. Castano et al., PNAS, 2020, 117, 48: 30335-30343, doi:10.1073/pnas.2016112117/-/DCSupplemental	
3T3-L1	Mouse embryonic fibroblast cell line	ATCC CL-173	Mouse	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	V. Garcia-Alonso et al., J. Biol. Chem., Sep 2013; 288: 28230 - 28242	<a href="#">Link</a>
3T3-L1	Mouse embryonic fibroblast cell line	ATCC CL-173	Mouse	Unknown	Cell Line	Adherent	miRNA		<a href="#">Metafectene PRO</a>	C. Castano et al., PNAS, 2020, 117, 48: 30335-30343, doi:10.1073/pnas.2016112117/-/DCSupplemental	
3T3-L1	Mouse embryonic fibroblast cell line	ATCC CL-173	Mouse	Unknown	Cell Line	Adherent	miRNA		<a href="#">Metafectene PRO</a>	C. Castano et al., PNAS, 2018, 115(48): 12158-12163 ,doi/10.1073/pnas.1808855115	
427.1.86	Mouse thymic nurse cells		Mouse	Immune System	Unknown		siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	H. S. Lee et al., Biochem. and Biophys. Res. Commun., 2014, 452: 1084-1090, doi.org/10.1016/j.bbrc.2014.09.055	
46C-derived N	Mouse 46C-derived radial glia like neural stem cells		Mouse	Nervous System	stem cell	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	S. Pachernegg et al., PLOS ONE, 2018, doi.org/10.1371/journal.pone.0192242	<a href="#">Link</a>
48BR	Human primary fibroblasts		Human	Unknown	Primary Cell		siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	H. Brunton et al., Mol. Cell. Biol., Oct 2011; 31: 4022 - 4035	<a href="#">Link</a>
4T1	Mouse mammary gland cell line	ATCC CRL-2539	Mouse	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	V. P. Baklaushev et al., Cell Technologies in Biol. and Med., 2015, 4: 581-588; DOI 10.1007/s10517-015-2810-3	
6E4 HeLaT	Human cervix adenocarcinoma cell line (derivative of HeLa)		Human	Genital Tract	Cell Line	Adherent	sgRNA	Cotransfection (Plasmid/sgRNA)	<a href="#">Metafectene</a>	D. Kim et al., Nat ure Struct ural & Molec ular Biology, 2020, 27: 581-588, doi.org/10.1038/s41594-020-0427-3	
6E4 HeLaT	Human cervix adenocarcinoma cell line (derivative of HeLa)		Human	Genital Tract	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/sgRNA)	<a href="#">Metafectene</a>	D. Kim et al., Nat ure Struct ural & Molec ular Biology, 2020, 27: 581-588, doi.org/10.1038/s41594-020-0427-3	
6E4 HeLaT	Human cervix adenocarcinoma cell line (derivative of HeLa)		Human	Genital Tract	Cell Line	Adherent	sgRNA	CRISPR	<a href="#">Metafectene</a>	D. Kim et al., Nat ure Struct ural & Molec ular Biology, 2020, 27: 581-588, doi.org/10.1038/s41594-020-0427-3	
6E4 HeLaT	Human cervix adenocarcinoma cell line (derivative of HeLa)		Human	Genital Tract	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene</a>	D. Kim et al., Nat ure Struct ural & Molec ular Biology, 2020, 27: 581-588, doi.org/10.1038/s41594-020-0427-3	
786-O	Human renal adenocarcinoma cell line	ATCC CRL-1932	Human	Urinary System	Cell Line	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	A. Avinó et al., Protocols in Nucleic Acid Chemistry, 2020, 77: e78, doi: 10.1002/cpnc.78	
786-O	Human renal adenocarcinoma cell line	ATCC CRL-1932	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	E. Alcaraz, Dissertation, 2015, University of Barcelona	
786-O	Human renal adenocarcinoma cell line	ATCC CRL-1932	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	E. Alcaraz, Dissertation, 2015, University of Barcelona	
8505C	Human papillary thyroid cancer cell line		Human	Other	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	V. Vella et al., Endocrine-Related Cancer, 2019, 197-214, 26: 1, doi.org/10.1530/ERC-18-0310	<a href="#">Link</a>
A-2058	Human skin melanoma cell line	ATCC CRL-11147	Human	Skin	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	E. Cesaro et al., Research Square, 2021, DOI: https://doi.org/10.21203/rs.3.rs-278700/v1	<a href="#">Link</a>
A-2058	Human skin melanoma cell line	ATCC CRL-11147	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	E. Cesaro et al., Research Square, 2021, DOI: https://doi.org/10.21203/rs.3.rs-278700/v1	<a href="#">Link</a>
A-2058	Human skin melanoma cell line	ATCC CRL-11147	Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	F. Albano et al., Biochimie, 2012, DOI: 10.1016/j.biochi.2012.12.012	
A-2780	Human ovarian carcinoma cell line		Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	M. Kullmann, 2016, Rheinische Friedrich-Wilhelms-Universität Bonn	<a href="#">Link</a>
A-2780	Human ovarian carcinoma cell line		Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K4 Transfection System</a>	S. Moltgen et al., Cells, 2020, 9, 1322, doi: 10.3390/cells9061322	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
A-2780	Human ovarian carcinoma cell line		Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. P. Masamha et al., Cancer Res., Aug 2009; 69: 6565 - 6572	<a href="#">Link</a>
A-2780	Human ovarian carcinoma cell line		Human	Genital Tract	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	C.F.T. Taute, PhD Thesis, 2013, University of the Western Cape	<a href="#">Link</a>
A-2780	Human ovarian carcinoma cell line		Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	C. P. Masamha et al., Cancer Res., Aug 2009; 69: 6565 - 6572	<a href="#">Link</a>
A-2780cis	Human ovarian carcinoma cell line		Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	M. Kullmann, 2016, Rheinische Friedrich-Wilhelms-Universität Bonn	<a href="#">Link</a>
A172	Human glioma cells	ATCC CRL-1620	Human	Brain	Unknown	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M.C. Burger et al., Int. J. of Oncology, 2012, 41: 235-241, DOI: 10.3892/ij.2012.1446	<a href="#">Link</a>
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">K2 Transfection System</a>	M. Tufano et al., Front. Cell Dev. Biol., 2021, 9: 718947, doi: 10.3389/fcell.2021.718947	<a href="#">Link</a>
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">K2 Transfection System</a>	M. Tufano et al., Front. Cell Dev. Biol., 2021, 9: 718947, doi: 10.3389/fcell.2021.718947	<a href="#">Link</a>
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	M. Tufano et al., Front. Cell Dev. Biol., 2021, 9: 718947, doi: 10.3389/fcell.2021.718947	<a href="#">Link</a>
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">K2 Transfection System</a>	M. Tufano et al., Front. Cell Dev. Biol., 2021, 9: 718947, doi: 10.3389/fcell.2021.718947	<a href="#">Link</a>
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">K2 Transfection System</a>	M. Tufano et al., Front. Cell Dev. Biol., 2021, 9: 718947, doi: 10.3389/fcell.2021.718947	<a href="#">Link</a>
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	M. Tufano et al., Front. Cell Dev. Biol., 2021, 9: 718947, doi: 10.3389/fcell.2021.718947	<a href="#">Link</a>
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	S. Romano et al., Clinical and Translational Medicine, 2014, 3:1, doi:10.1186/2001-1326-3-1	<a href="#">Link</a>
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	D. Konina et al., Int. J. Mol. Sci., 2021, 22, 8477, doi.org/10.3390/ijms22168477	<a href="#">Link</a>
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	D. O. Konina et al., BMC Genomics, 2019, 20 Suppl 3: 298, doi.org/10.1186/s12864-019-5538-z	<a href="#">Link</a>
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	S. Romano et al., Pigment Cell Melanoma Res., 2013, 26: 900-911, doi: 10.1111/pcmr.12144	
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	E. Cesaro et al., Research Square, 2021, DOI: <a href="https://doi.org/10.21203/rs.3.rs-278700/v1">https://doi.org/10.21203/rs.3.rs-278700/v1</a>	<a href="#">Link</a>
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Y. Filatova et al., Eur. J. of Human Genetics, 2019, 27: 488-493, doi.org/10.1038/s41431-018-0288-y	<a href="#">Link</a>
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Romano et al., Pigment Cell Melanoma Res., 2013, 26: 900-911, doi: 10.1111/pcmr.12144	
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. Kobelt et al., Mol. Biotechnol., Mol Biotechnol, 2013, 53:80-89	
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. Kobelt, Dissertation, 2012, Humboldt-Universität zu Berlin	<a href="#">Link</a>
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	Minicircle		<a href="#">Metafectene</a>	D. Kobelt et al., Mol. Biotechnol., Mol Biotechnol, 2013, 53:80-89	
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	Minicircle		<a href="#">Metafectene</a>	D. Kobelt, Dissertation, 2012, Humboldt-Universität zu Berlin	<a href="#">Link</a>
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. Kobelt et al., Mol. Oncology, 2014, 8: 209-619, doi.org/10.1016/j.molonc.2013.12.019	<a href="#">Link</a>
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Y. Filatova et al., Europ. J. of Human Genetics, 2019, 27: 488-493	
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	E. Cesaro et al., Research Square, 2021, DOI: <a href="https://doi.org/10.21203/rs.3.rs-278700/v1">https://doi.org/10.21203/rs.3.rs-278700/v1</a>	<a href="#">Link</a>
A375	Human skin malignant melanoma cell line	ATCC CRL-1619	Human	Skin	Cell Line	Adherent	MIDGE		<a href="#">Metafectene</a>	D. Kobelt, Dissertation, 2012, Humboldt-Universität zu Berlin	<a href="#">Link</a>
A375-P	Human melanoma cell line	ATCC CRL-3224	Human	Skin	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	A. Raturi et al., J. Cell Biol., Aug 2016; 214, 433 - 444	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
A375-P	Human melanona cell line	ATCC CRL-3224	Human	Skin	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	A. Raturi et al., J. Cell Biol., Aug 2016; 214, 433 - 444	
A375-P	Human melanona cell line	ATCC CRL-3224	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Raturi et al., J. Cell Biol., Aug 2016; 214, 433 - 444	
A431	Human epidermoid carcinoma cell line	ATCC CRL-1555	Human	Skin	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	S. Rungaldier et al., PLOS ONE, June 2017, <a href="https://doi.org/10.1371/journal.pone.0178646">https://doi.org/10.1371/journal.pone.0178646</a>	<a href="#">Link</a>
A431	Human epidermoid carcinoma cell line	ATCC CRL-1555	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Rungaldier et al., PLOS ONE, June 2017, <a href="https://doi.org/10.1371/journal.pone.0178646">https://doi.org/10.1371/journal.pone.0178646</a>	<a href="#">Link</a>
A431	Human epidermoid carcinoma cell line	ATCC CRL-1555	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	E. Umlauf et al., J. Biol. Chem., May 2004; 279: 23699 - 23709	<a href="#">Link</a>
A431	Human epidermoid carcinoma cell line	ATCC CRL-1555	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H. Kobayashi et al., J. Biol. Chem., Nov 2011; 286: 39259 - 39268	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	L. W. Wood et al., Scientific Reports, 2016, 6:19857, DOI: 10.1038/srep19857	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	E. Echeverria et al., Life Sciences, 2019, 239, 116872, <a href="https://doi.org/10.1016/j.lfs.2019.116872">doi.org/10.1016/j.lfs.2019.116872</a>	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	V. Burghi et al., Front. Pharmacol., 2019, 10: 146, <a href="https://doi.org/10.3389/fphar.2019.00146">doi: 10.3389/fphar.2019.00146</a>	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	W. Kim et al., J. Biol. Chem., 287 (8): 5278-5289, DOI 10.1074/jbc.M111.281709	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	W. Kim et al., J. Biol. Chem., 287 (8): 5278-5289, DOI 10.1074/jbc.M111.281709	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	C.-C. Lin et al., Am J Physiol Lung Cell Mol Physiol, Sep 2012; 303: L401 - L412	
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	S.-E. Cheng et al., PLoS ONE, 2013, 8(1): e54125. <a href="https://doi.org/10.1371/journal.pone.0054125">doi:10.1371/journal.pone.0054125</a>	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	P.-S. Hsu et al., Int. J. Mol. Sci., 2015, 16: 27640-27658; <a href="https://doi.org/10.3390/ijms161126045">doi:10.3390/ijms161126045</a>	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	I-T. Lee et al., J. of Nutritional Biochemistry, 2013, 24: 124-136, <a href="https://doi.org/10.1016/j.jnutbio.2012.03.009">doi.org/10.1016/j.jnutbio.2012.03.009</a>	
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	M.-J. Kim et al., Cancer Letters, 2013, 339: 15-24, <a href="https://doi.org/10.1016/j.canlet.2013.07.027">doi.org/10.1016/j.canlet.2013.07.027</a>	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	F. Morsbach, Dissertation, 2013, University Medical Center Hamburg-Eppendorf	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	F. Morsbach, Dissertation, 2013, University Medical Center Hamburg-Eppendorf	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. Takeuchi et al., J. Biochem., Dec 2005; 138: 711 - 719	
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J.-X. Chang et al., 2012, Int. J. of Mol. Medicine, 30: 1343-1348, DOI: 10.3892/ijmm.2012.1137	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	dsRNA		<a href="#">Metafectene</a>	A. K. Överby et al., J. Virol., Sep 2010; 84: 8470 - 8483	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	iron oxide		<a href="#">Metafectene</a>	L. Matuszewski et al., Radiology, Apr 2005; 235: 155 - 161	
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. I. Sheikh et al., Translat. Psychiatry, 2021, 11:1, <a href="https://doi.org/10.1038/s41398-020-01158-w">doi.org/10.1038/s41398-020-01158-w</a>	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	M. Hülskötter, Dissertation, 2012, University of Hamburg	<a href="#">Link</a>



CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	S. L. Rulten et al., Nucleic Acids Res., Jan 2014; 42: 307 - 314	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	P. Hubel et al., Nature Immunology, 2019, 20: 493-502, <a href="https://doi.org/10.1038/s41590-019-0323-3">https://doi.org/10.1038/s41590-019-0323-3</a> .	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	Z. Zeng et al., DNA Repair, October 2017, 58: 52-61	
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	dsRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	F. L. Pennemann et al., Nature Commun., 2021, 12: 7009, <a href="https://doi.org/10.1038/s41467-021-27192-w">doi.org/10.1038/s41467-021-27192-w</a>	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	A. Tsolou et al., Cancer Biol. Med., 2017, 14 (3): 293-301, <a href="https://doi.org/10.20892/j.issn.2095-3941.2017.0049">doi: 10.20892/j.issn.2095-3941.2017.0049</a>	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	H. Brunton et al., Mol. Cell. Biol., Oct 2011; 31: 4022 - 4035	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M. I Koukourakis et al., Laboratory Investigation, 2017, 97: 1321-1331, <a href="https://doi.org/10.1038/labinvest.2017.79">doi: 10.1038/labinvest.2017.79</a>	
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	I. V. Karagounis et al., British Journal of Cancer, 2016, 115: 312-321; <a href="https://doi.org/10.1038/bjc.2016.202">doi: 10.1038/bjc.2016.202</a>	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. Kerzendorfer et al., Hum. Mol. Genet., Apr 2010; 19: 1324 - 1334	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	F. L. Pennemann et al., Nature Commun., 2021, 12: 7009, <a href="https://doi.org/10.1038/s41467-021-27192-w">doi.org/10.1038/s41467-021-27192-w</a>	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	C. Maucksch et al., Nucleic Acids Res., Oct 2008; 36: 5462 - 5471	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H. N. Pfäffle et al., Cancer Res., Oct 2013; 73: 6254 - 6263	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S.-H. Hong et al., Oncotarget, 2016, 7 (40): 65335-65347	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	Oligonucleotide		<a href="#">Metafectene PRO</a>	F. L. Pennemann et al., Nature Commun., 2021, 12: 7009, <a href="https://doi.org/10.1038/s41467-021-27192-w">doi.org/10.1038/s41467-021-27192-w</a>	<a href="#">Link</a>
A549	Human lung alveolar epithelial adenocarcinoma carcinoma cell line	ATCC CCL-185	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	A. D. Konitsiotis et al., PLoS ONE, 2014, 9 (3): e89899, <a href="https://doi.org/10.1371/journal.pone.0089899">doi:10.1371/journal.pone.0089899</a>	<a href="#">Link</a>
A6	Xenopus laevis (african clawed frog) kidney cell line	ATCC CCL-102	Frog	Urinary System	Cell Line		Plasmid		<a href="#">Metafectene PRO</a>	D. Ramirez-Gordillo et al., In Vitro Cell Dev Biol Anim, Oct 2011; 47(9): 640-52	
A7	Rat transformed retinal astrcyte cell line		Rat	Sensory Organs	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	D. W. Chen et al., Drug Deliv. and Transl. Res., DOI 10.1007/s13346-016-0324-9	
A818-1	Human pancreatic ductal adenocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	A. D. Konitsiotis et al., PLoS ONE, 2014, 9 (3): e89899, <a href="https://doi.org/10.1371/journal.pone.0089899">doi:10.1371/journal.pone.0089899</a>	<a href="#">Link</a>
AD293	Human embryonic kidney cell line (derivat of HEK293 producing the adenovirus E1 gene in trans)		Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">K2 Transfection System</a>	S. Wohlfart et al., Clin. Genetics, 2019, 95: 427-432, DOI: 10.1111/cge.13503	<a href="#">Link</a>
AD293	Human embryonic kidney cell line (derivat of HEK293 producing the adenovirus E1 gene in trans)		Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">K2 Transfection System</a>	S. Wohlfart et al., Am. J. Med. Genet. Part A, 2015, 170A: 249-253, DOI 10.1002/ajmg.a.37412	
AD293	Human embryonic kidney cell line (derivative of HEK293 producing the adenovirus E1 gene in trans)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	M. Dumitrescu et al., Int. J. Mol. Sci., 2020, 21, 6011, <a href="https://doi.org/10.3390/ijms21176011">doi:10.3390/ijms21176011</a>	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
AD293	Human embryonic kidney cell line (derivative of HEK293 producing the adenovirus E1 gene in trans)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	M. Dumitrescu et al., J. Vis. Exp., 2021, 172: e61691, doi:10.3791/61691	<a href="#">Link</a>
AGS	Human gastric adenocarcinoma cell line	ATCC CRL-1739	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	A. Rocco, et al., Lab. Investigation, 2012, 92: 1407-1418, doi:10.1038/labinvest.2012.100	<a href="#">Link</a>
AGS	Human gastric adenocarcinoma cell line	ATCC CRL-1739	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	S. V. Rao et al., BMC Cancer, 2017, 17:68, DOI 10.1186/s12885-017-3055-5	<a href="#">Link</a>
AGS	Human gastric adenocarcinoma cell line	ATCC CRL-1739	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	H. Jee, Dissertation, 2013, Seoul National University	<a href="#">Link</a>
AGS	Human gastric adenocarcinoma cell line	ATCC CRL-1739	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H.-K. Lee, PhD Thesis, 2015, Seoul National University	<a href="#">Link</a>
AGS	Human gastric adenocarcinoma cell line	ATCC CRL-1739	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H. Jee et al., BMB Reports, 2013, 46(1): 25-30, doi.org/10.5483/BMBRep.2013.46.1.078	<a href="#">Link</a>
AGS	Human gastric adenocarcinoma cell line	ATCC CRL-1739	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	G. Maubach et al., EMBO reports, 2021, 22: e52878, DOI10.15252/embr.202152878	<a href="#">Link</a>
AGS-Gr	Human gastric adenocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	L.-K. M. Selvik et al., PLoS ONE, 2014, 9 (11): e112485, doi:10.1371/journal.pone.0112485	<a href="#">Link</a>
AGS-Gr	Human gastric adenocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	L.-K. M. Selvik et al., PLoS ONE, 2014, 9 (11): e112485, doi:10.1371/journal.pone.0112485	<a href="#">Link</a>
AGS-Gr	Human gastric adenocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	T. S. Steigedal et al., In Vitro Cell. Dev. Biol. - Animal, 2013, 49: 162-169, DOI 10.1007/s11626-013-9588-2	<a href="#">Link</a>
AGS-Gr	Human gastric adenocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	S. Bhandari et al., Biochem. and Biophys. Res. Commun., 2016, 475: 119-124	<a href="#">Link</a>
AGS-Gr	Human gastric adenocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S. Bhandari et al., Biochem. and Biophys. Res. Commun., 2016, 475: 119-124	<a href="#">Link</a>
AGS-Gr	Human gastric adenocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	K. Misund et al., PLoS ONE, 2013, 8(9): e76234, doi:10.1371/journal.pone.0076234	<a href="#">Link</a>
ALC	Ameloblast lineage cell line		Mouse	Digestive Organs	Cell Line		Plasmid		<a href="#">Metafectene PRO</a>	H.-K. Lee et al., J. Biol. Chem., Jun 2015; 290: 14740 - 14753	<a href="#">Link</a>
alphaTC1 clone	Mouse pancreatic tumor (insulinoma) derived alpha cell line (Clone 6)	ATCC CRL-2934	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	T. G. Deering et al., Diabetes, Jan 2009; 58: 185 - 193	<a href="#">Link</a>
alphaTC6	Mouse pancreatic tumor (insulinoma) derived alpha cell line		Mouse	Digestive Organs	Cell Line		Plasmid		<a href="#">Metafectene PRO</a>	M. A. Mazur et al., Diabetes, Aug 2013; 62: 2834 - 2842	<a href="#">Link</a>
AM-C6SC8	Porcine kidney cells	DSM ACC 152	Swine	Urinary System	Unknown	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Pelisek et al., J Mol Med (Berl), Nov 2002; 80(11): 724-36	
aNS	Adult Neurospheres (Sphere-forming cells isolated from lateral walls of lateral ventricle of C57BL/6 mice)		Mouse	Nervous System	Unknown		siRNA	3D cell culture	<a href="#">Metafectene PRO</a>	B. M. Grebbin et al., Development, Jul 2016; 143: 2281 - 2291	<a href="#">Link</a>
aNS	Adult Neurospheres (Sphere-forming cells isolated from the lateral walls of the lateral ventricle of C57BL/6 mice)		Mouse	Nervous System	Unknown		siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	B. M. Grebbin et al., Development, Jul 2016; 143: 2281 - 2291	<a href="#">Link</a>
aNS	Mouse adult neurospheres (formed by stem & progenitor cells)		Mouse	Unknown	stem cell		siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	A.-C. Hau et al., Scientific Reports, 2021, 11: 21013, doi.org/10.1038/s41598-021-99968-	<a href="#">Link</a>
AR42J	Rat pancreas tumor cell line	ATCC CRL-1492	Rat	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	A. Carozzo et al.; PLoS ONE 10(3): e0120651. doi:10.1371/journal.pone.0120651	<a href="#">Link</a>
AR42J	Rat pancreas tumor cell line	ATCC CRL-1492	Rat	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	C. Sæten Fjeldbo et al., Am J Physiol Gastrointest Liver Physiol 302: G21-G33, 2012	<a href="#">Link</a>
AS4.1	Mouse kidney tumor cell line	ATCC CRL-2193	Mouse	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	L. H. Vogel, Dissertation, 2021, Universität Greifswald	<a href="#">Link</a>
AS4.1	Mouse kidney tumor cell line	ATCC CRL-2193	Mouse	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	H. Wanka et al., J. Cell. Mol. Med., 2017, 21 (7): 1394-1410	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
ASBhTERT	PCNT defective hTERT immortalized cell line		Unknown	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	T. Stiff et al., Hum. Mol. Genet., Apr 2016; 25: 1574 - 1587	<a href="#">Link</a>
ASC	Human adipose derived stem cells		Human	Other	stem cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. Grillari et al., 2015, Patent US9212362B2	<a href="#">Link</a>
ASPC-1	Human pancreas carcinoma cell line	ATCC CRL-1682	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	L. Qin et al., Oncotarget, 2016, 7 (14): 17726-17736	<a href="#">Link</a>
ASPC-1	Human pancreas carcinoma cell line	ATCC CRL-1682	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	L. Qin, PhD Thesis, 2014, Indiana University	
ATC1	Murine adrenocortical tumor cell line		Murine	Other	Cell Line		Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	A.-M. Lefrancois-Martinez et al., J. Biol. Chem., 2011, 286 (38) : 32976-32985, DOI 10.1074/jbc.M111.218017	<a href="#">Link</a>
ATC1	Murine adrenocortical tumor cell line		Murine	Other	Cell Line		siRNA	RNA-Interference	<a href="#">Metafectene</a>	A.-M. Lefrancois-Martinez et al., J. Biol. Chem., Sep 2011; 286: 32976 - 32985	<a href="#">Link</a>
ATC1	Murine adrenocortical tumor cell line		Murine	Other	Cell Line		siRNA	RNA-Interference	<a href="#">Metafectene</a>	A.-M. Lefrancois-Martinez et al., J. Biol. Chem., 2011, 286 (38) : 32976-32985, DOI 10.1074/jbc.M111.218016	<a href="#">Link</a>
ATC1	Murine adrenocortical tumor cell line		Murine	Other	Cell Line		Plasmid		<a href="#">Metafectene</a>	A.-M. Lefrancois-Martinez et al., J. Biol. Chem., Sep 2011; 286: 32976 - 32985	<a href="#">Link</a>
AtT20	Mouse pituitary tumor cell line	ATCC CCL-89	Mouse	Brain	Cell Line		Plasmid		<a href="#">Metafectene</a>	T. Takahashi et al., J. Biochem., Nov 2009; 146: 675 - 682	
B-16	Mouse skin melanoma cell line		Mouse	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S.-B. Varda et al., 2012, EP 2 371 846	<a href="#">Link</a>
B16	Mouse melanoma cell line		Mouse	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	V. Shoshan-Barmatz et al., 2014, US 8,648,045 (Patent)	<a href="#">Link</a>
B16F0	Mouse melanoma cell line	ATCC CRL 6475	Mouse	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	C.D. Krause et al., Stem Cell Res Ther, Jan 2011; 2(2): 15	
B16F0	Mouse melanoma cell line	ATCC CRL 6475	Mouse	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	C. D. Krause et al., Cell Res. & Therapy, 2011, 2:15, doi:10.1186/scrt56	<a href="#">Link</a>
B16F0	Mouse melanoma cell line	ATCC CRL 6475	Mouse	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	C.D. Krause et al., Stem Cell Res Ther, Jan 2011; 2(2): 15	
B16F1	Mouse melanoma cell line	ATCC CRL-6323	Mouse	Skin	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	M. Bosnjak et al., J. Membrane Biol., DOI 10.1007/s00232-017-9948-z	
B16F1	Mouse melanoma cell line	ATCC CRL-6323	Mouse	Skin	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	M. Bosnjak et al., J. Membr. Biol., 2018, 251(2): 179-185, doi:10.1007/s00232-017-9948-z	<a href="#">Link</a>
B16F1	Mouse melanoma cell line	ATCC CRL-6475	Mouse	Skin	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">K2 Transfection System</a>	K. Yokomizo et al., Med. Oncology, 2022, 39: 58, doi.org/10.1007/s12032-022-01659-2	<a href="#">Link</a>
B16F10	Mouse melanoma cell line	ATCC CRL-6475	Mouse	Skin	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	M. Bosnjak et al., J. Membr. Biol., 2018, 251(2): 179-185, doi:10.1007/s00232-017-9948-z	<a href="#">Link</a>
B16F10	Mouse melanoma cell line	ATCC CRL-6475	Mouse	Skin	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	M. Bosnjak et al., J. Membrane Biol., DOI 10.1007/s00232-017-9948-z	
BALB/3T3	Mouse embryonic fibroblast cell line	ATCC CCL-163	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Ericsson et al., J. Immunol., Mar 2006; 176: 3642 - 3651	<a href="#">Link</a>
BEAS-2B	Human bronchial epithelial cell line	ATCC CRL-9609	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	P. C. Shivalingappa et al., Antioxidants & Redox Signaling, 2016, 24 (4): 186, DOI: 10.1089/ars.2015.6367	<a href="#">Link</a>
BEAS-2B	Human bronchial epithelial cell line	ATCC CRL-9609	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	C. Maucksch et al., Nucleic Acids Res., Oct 2008; 36: 5462 - 5471	<a href="#">Link</a>
beta-TC3	Mouse insulinoma cell line		Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	T. G. Deering et al., Diabetes, Jan 2009; 58: 185 - 193	<a href="#">Link</a>
beta-TC6	Mouse pancreatic tumor (insulinoma) derived β cell line	ATCC CRL-11506	Mouse	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M. Tsuruta et al., Hormone and Metabolic Research 2017, DOI: 10.1055/s-0043-121467	
beta-TC6	Mouse pancreatic tumor (insulinoma) derived β cell line	ATCC CRL-11506	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	Ganic et al., Cell Reports, 2016, 14:1991-2002; doi.org/10.1016/j.celrep.2016.02.002	<a href="#">Link</a>
beta-TC6	Mouse pancreatic tumor (insulinoma) derived β cell line	ATCC CRL-11506	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. A. Mazur et al., Diabetes, Aug 2013; 62: 2834 - 2842	<a href="#">Link</a>
BHK-21	Baby hamster kidney cell line	ATCC CCL-10	Hamster	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	W. Qin et al., Dent. Mater. J., 2014; 33(5): 656-662, doi:10.4012/dmj.2014-109	<a href="#">Link</a>
BHK-21	Baby hamster kidney cell line	ATCC CCL-10	Hamster	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	J. Chen et al., Antimicrob. Agents Chemother., Feb 2007; 51: 724 - 731	<a href="#">Link</a>
BHK-21	Baby hamster kidney cell line	ATCC CCL-10	Hamster	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. Dreesa et al., PLoS ONE, 2014, 9(7): e102280, doi:10.1371/journal.pone.0102280	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
Bm5	Bombyx mo insect cell line (Silk moth)		Insect		Cell Line	suspension	Plasmid	Virus Production	<a href="#">Insectogene</a>	D. B. Sajjan et al., Food Environ. Virol., 2016, 8:86-100, DOI 10.1007/s12560-016-9227-7	
BMK	Baby mouse kidney cell line		Mouse	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Jiang et al., Am J Physiol Renal Physiol, May 2009; 296: F983 - F993	<a href="#">Link</a>
BMSC	Rabbit bone marrow stromal cells		Rabbit	Bone	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene</a>	P. Kasten et al., Cells Tissues Organs, 2012, 196: 523-533, DOI: 10.1159/000337490	<a href="#">Link</a>
BMSC	Rabbit bone marrow stromal cells		Rabbit	Bone	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene</a>	F. Geiger et al., J. Funct. Biomater., 2012, 3, 313-326; doi:10.3390/jfb3020313	<a href="#">Link</a>
BON	pancreatic neuroendocrine tumor cell line		Human	Unknown	Cell Line		siRNA	High Troughput Application	<a href="#">Metafectene SI</a>	X. Zhang et al., J. Cell Biol., 2017, doi.org/10.1083/jcb.201702099	<a href="#">Link</a>
BON	Human pancreatic neuroendocrine tumor cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	X. A. Zhang et al., Bio Protoc., 2018, 8 (1): doi:10.21769/BioProtoc.2680	<a href="#">Link</a>
BON	Human pancreatic neuroendocrine tumor cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	E. Crummy et al., J. Biol. Chem., 2019, doi/10.1074/jbc.RA119.007504	<a href="#">Link</a>
BON	pancreatic neuroendocrine tumor cell line		Human	Unknown	Cell Line		siRNA		<a href="#">Metafectene SI</a>	X. Zhang et al., J. Cell Biol., 2017, doi.org/10.1083/jcb.201702099	<a href="#">Link</a>
BRL 3A	Rat liver fibroblast cell line	ATCC CRL-1442	Rat	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	F. Damiano et al., Biochim. et Biophys. Acta, 2015, 1849: 23-31; doi.org/10.1016/j.bbagr.2014.10.004	
BSR-T7	Baby hamster kidney cell line, stably expressing the T7 RNA polymerase		Hamster	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	U. Schneider et al., J. Virol., Nov 2003; 77: 11781 - 11789	<a href="#">Link</a>
BSR-T7	Baby hamster kidney cell line, stably expressing the T7 RNA polymerase		Hamster	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Poenisch et al., J. Gen. Virol., Jul 2004; 85: 1895 - 1898	<a href="#">Link</a>
BSR-T7	Baby hamster kidney cell line, stably expressing the T7 RNA polymerase		Hamster	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	U. Schneider et al., J. Biol. Chem., Dec 2004; 279: 55290 - 55296	<a href="#">Link</a>
BSR-T7/5	Baby hamster kidney cell line, stably expressing the T7 RNA polymerase		Hamster	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	G. Chase et al., J. Virol., Jan 2007; 81: 743 - 749	<a href="#">Link</a>
BSR-T7/5	Baby hamster kidney cell line, stably expressing the T7 RNA polymerase		Hamster	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Schmid et al., J. Virol., Jun 2007; 81: 5497 - 5507	<a href="#">Link</a>
BT-20	Human breast cancer cell line	ATCC HTB-19	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	M. Endres et al., Oncotarget, 2016, 7(39): 64244-64259	<a href="#">Link</a>
BT-474		ATCC HTB-20		Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	V. Vella et al., Oncotarget, 2017, 8 (26): 43248-43270	<a href="#">Link</a>
BTEC	Human brain glioblastoma endothelial cells		Human	Brain	Unknown		Plasmid		<a href="#">Metafectene PRO</a>	G. Tabatabai et al., Brain, Oct 2008; 131: 2579 - 2595	<a href="#">Link</a>
BV-2	Mouse microglial cell line		Mouse	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	M.-J. Choi et al., Biochemical Pharmacology, 2017, 144: 120-131	
BV-2	Mouse microglial cell line		Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M.-J. Choi et al., Biomol Ther., 2017, 641-647, https://doi.org/10.4062/biomolther.2017.173	<a href="#">Link</a>
BV-2	Mouse immortalized microglial cell line		Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D.-Y Kim et al., J. of Neuroimmune Pharmacology, 2020, doi.org/10.1007/s11481-020-09943-6	
BV-2	Mouse microglial cell line		Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	Y.-Y. Lee et al., J. of Neuroinflammation, 2019, 16: 246, doi.org/10.1186/s12974-019-1649-3	<a href="#">Link</a>
BV-2	Mouse microglial cell line		Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M.-J. Choi et al., Biochemical Pharmacology, 2017, 144: 120-131	
BV-2	Mouse immortalized microglial cell line		Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D.-Y. Kim et al., J. Neuroimmun. Pharmacol., 2021, 16: 470-482, doi.org/10.1007/s11481-020-09943-6	<a href="#">Link</a>
BV-2	Mouse microglial cell line		Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	G. Lee et al., Phytomedicine, 2019, 55: 50-57, doi.org/10.1016/j.phymed.2018.06.032	<a href="#">Link</a>
BxPC3	Human pancreatic adenocarcinoma cell line	ATCC CRL-1687	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">K2 Transfection System</a>	A. Carozzo et al., Mol. Pharmacology, 2019, 115444, DOI: 10.1124/mol.118.115444	<a href="#">Link</a>
BxPC3	Human pancreatic adenocarcinoma cell line	ATCC CRL-1687	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	A. Carozzo et al., Mol. Pharmacology, 2019, 115444, DOI: 10.1124/mol.118.115444	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
BxPC3	Human pancreatic adenocarcinoma cell line	ATCC CRL-1687	Human	Digestive Organs	Cell Line	Adherent	siRNA		<a href="#">Metafectene PRO</a>	Y. Chen et al., Mol. Cancer Res., 2017, 15 (4): 418-28, DOI: 10.1158/1541-7786.MCR-16-0366	
BxPC3	Human pancreatic adenocarcinoma cell line	ATCC CRL-1687	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	Y. Chen et al., Mol. Cancer Res., 2017, 15 (4): 418-28, DOI: 10.1158/1541-7786.MCR-16-0366	
C-1300	Mouse neuroblastoma cell line		Mouse	Brain	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	A. Stermann, Dissertation, 2014, Humboldt-Universitaet zu Berlin	<a href="#">Link</a>
C17.2	Mouse multipotent neural progenitor or stem-like cells	ECACC 07062902	Mouse	Brain	stem cell	Adherent	iron oxide	Imaging	<a href="#">Metafectene</a>	E. Küstermann et al., Contrast Media Mol. Imaging, 2008, 3: 27-37	
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">DOTAP</a>	M. A. Maxwell et al., J. Biol. Chem., Apr 2005; 280: 12573 - 12584	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">DOTAP</a>	P. Lau et al., J. Biol. Chem., Aug 2004; 279: 36828 - 36840	
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">DOTAP</a>	P. Lau et al., J. Biol. Chem., Jun 2008; 283: 18411 - 18421	
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">DOTAP</a>	K. D. S. A. Wansa et al., J. Mol. Endocrinol., Jun 2005; 34: 835 - 848	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">DOTAP</a>	S. Raichur et al., J. Mol. Endocrinol., Jul 2007; 39: 29 - 44	
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">DOTAP</a>	L. M. Crowther et al., Physiol Genomics, Feb 2011; 43: 213 - 227	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">DOTAP</a>	S. A. Myers et al., J. Biol. Chem., Aug 2006; 281: 24149 - 24160	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">DOTAP</a>	S. N. Ramakrishnan et al., J. Biol. Chem., Mar 2005; 280: 8651 - 8659	
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	H. Qiu et al., Cell Death and Differentiation, 2016, 23: 1658-1669, doi:10.1038/cdd.2016.56	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	miRNA		<a href="#">K2 Transfection System</a>	H. Qiu et al., Cell Death and Differentiation, 2016, 23: 1658-1669, doi:10.1038/cdd.2016.56	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	P. Sosa et al., Aging and Disease, 2018, 9 (5): 769-784, doi.org/10.14336/AD.2017.1214	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	M. Taler, Mol Endocrinology 2003;17:1580	
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	M. Bouchentouf et al., Biotechniques, Jun 2005; 38(6): 937-42	
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	P. Lau et al., J. Biol. Chem., Aug 2004; 279: 36828 - 36840	
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	M. A. Maxwell et al., J. Biol. Chem., Apr 2005; 280: 12573 - 12584	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. N. Ramakrishnan et al., J. Biol. Chem., Mar 2005; 280: 8651 - 8659	
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Oligonucleotide		<a href="#">Metafectene</a>	K.-A. Cho et al., Cells, 2021, 10(8): 2169, doi: 10.3390/cells10082169	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	P. Lau et al., J. Biol. Chem., Jun 2008; 283: 18411 - 18421	
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. D. S. A. Wansa et al., J. Mol. Endocrinol., Jun 2005; 34: 835 - 848	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Raichur et al., J. Mol. Endocrinol., Jul 2007; 39: 29 - 44	
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	L. M. Crowther et al., Physiol Genomics, Feb 2011; 43: 213 - 227	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. A. Myers et al., J. Biol. Chem., Aug 2006; 281: 24149 - 24160	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	H. A. Nicolas et al., cells, 2020, 9:2388, doi:10.3390/cells9112388	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	D. Alcantara, PhD Thesis, 2012, University of Sussex	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	S.-W. Youn et al., Scientific Reports, 2018, 8:12323, DOI:10.1038/s41598-018-30513-7	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	S.-W. Youn et al., Scientific Reportss, 2018, 8: 12323, DOI:10.1038/s41598-018-30513-7	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	miRNA		<a href="#">Metafactene PRO</a>	C. E. Winbanks et al., PLoS ONE, 2013, 8(9): e73589, doi:10.1371/journal.pone.0073589	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	C. E. Winbanks et al., J. Biol. Chem., Apr 2011; 286: 13805 - 13814	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	A. Rajkumar et al., Metabolism, 2016, doi: 10.1016/j.metabol.2018.03.019	
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	E. Boudreau et al., PLoS ONE, 2012, 7(9): e45918. doi:10.1371/journal.pone.0045918	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	M. Mohamed-Uvaize, Master Thesis, 2014, University of Ottawa	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	miRNA		<a href="#">Metafactene PRO</a>	C. E. Winbanks et al., J. Biol. Chem., 286, 16: 13805-13814, DOI 10.1074/jbc.M110.192625	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	miRNA		<a href="#">Metafactene PRO</a>	C. E. Winbanks et al., J. Biol. Chem., Apr 2011; 286: 13805 - 13814	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	W. Khan, PhD Thesis, 2020, UIT The Arctic University of Norway	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	C. E. Winbanks et al., J. Biol. Chem., 286, 16: 13805-13814, DOI 10.1074/jbc.M110.192625	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	T. J. Proszynski et al., PNAS, Oct 2009; 106: 18373 - 18378	<a href="#">Link</a>
C2C12	Mouse myoblast cell line	ATCC CRL-1772	Mouse	Muscle	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene SI</a>	M. Hatem-Vaquero et al., J. Endocrinol., May 2017, doi: 10.1530/JOE-16-0662	
C2F3	Mouse myoblast cell line (derivat of C2)		Mouse	Unknown	Cell Line		Plasmid		<a href="#">Metafactene</a>	A. Franko et al., Mol. Cell. Biol., Apr 2008; 28: 2446 - 2459	<a href="#">Link</a>
C3H/10T1/2	Mouse embryonic mesenchymal cell line	ATCC CCL-226	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	A. Buchberger et al., Development, Mar 2007; 134: 1171 - 1180	<a href="#">Link</a>
C3H/10T1/2	Mouse embryonic mesenchymal cell line	ATCC CCL-226	Mouse	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M. M. Musri et al., J. Biol. Chem., Sep 2010; 285: 30034 - 30041	<a href="#">Link</a>
C3H/10T1/2	Mouse embryonic mesenchymal cell line	ATCC CCL-226	Mouse	Unknown	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafactene PRO</a>	T. Wang et al., Phytotherapy Research., 2019, 33: 1074-1083, DOI: 10.1002/ptr.6301	<a href="#">Link</a>
C3H/10T1/2	Mouse embryonic mesenchymal cell line	ATCC CCL-226	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	Y. S. Lee et al., Materials, 2020, 13: 4618, doi:10.3390/ma13204618	<a href="#">Link</a>
C3H/10T1/2	Mouse embryonic mesenchymal cell line	ATCC CCL-226	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	Y. S. Lee et al., Materials, 2020, 13, 4618, doi:10.3390/ma13204618	<a href="#">Link</a>
C3H/10T1/2	Mouse embryonic mesenchymal cell line	ATCC CCL-226	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	H.-J. Oh et al., Biomaterials, 2015, 37: 208e217; doi.org/10.1016/j.biomaterials.2014.10.016	
C3H/10T1/2	Mouse embryonic mesenchymal cell line	ATCC CCL-226	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	O. H. Jung, Seoul National University	<a href="#">Link</a>
C4-2	Human prostate carcinoma cell line (derivat of LNCaP)		Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	K. S. R. Sastry et al., J. Biol. Chem., Jul 2006; 281: 20891 - 20901	<a href="#">Link</a>
C4-2	Human prostate carcinoma cell line (derivative of LNCaP)		Human	Genital Tract	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafactene PRO</a>	R. C. Peery, Dissertation,, 2020, Indiana University	<a href="#">Link</a>
C6	Rat glial cell line	ATCC CCL-107	Rat	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	Y. C. Chiang et al., J. Neurochem., 2013, 127: 163-176, doi: 10.1111/jnc.12399	<a href="#">Link</a>
C6	Rat glial cell line	ATCC CCL-107	Rat	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	C.-H. Park et al., Mol. Biol. Cell, Apr 2011; 22: 1398 - 1408	
C6	Rat glial cell line	ATCC CCL-107	Rat	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	A. Serrano et al., Hindawi Mediators of Inflammation, 2017, Art.- ID 1626204, doi.org/10.1155/2017/1626204	
C6	Rat glial cell line	ATCC CCL-107	Rat	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	A. Serrano et al., Hindawi Mediators of Inflammation, 2017, Art.- ID 1626204, doi.org/10.1155/2017/1626204	
Caco-2	Human colon adenocarcinoma cell line	ATCC HTB-37	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene</a>	J. Schulz et al., Scientific Reports, 2018, 8: 2395, DOI:10.1038/s41598-018-19201-8	<a href="#">Link</a>
Caco-2	Human colon adenocarcinoma cell line	ATCC HTB-37	Human	Digestive Organs	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafactene</a>	Y.-R. Kim et al., J. Cell. Mol. Med., 2017, 21 (12): 3565-3578, doi: 10.1111/jcmm.13267	<a href="#">Link</a>
Caco-2	Human colon adenocarcinoma cell line	ATCC HTB-37	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	J. Pahle et al., BMC Cancer, 2017, 17:129, DOI 10.1186/s12885-017-3123-x	<a href="#">Link</a>
CAD	Mouse neuroblastoma cell line		Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	V. Bader et al., Hum. Mol. Genet., Oct 2012; 21: 4406 - 4418	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
CAF	Human carcinoma associated fibroblasts		Human	Digestive Organs	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	A. Min et al., J. Biochem. Molecular Toxicology, 2015, 29(2): 70-76; DOI 10.1002/jbt	
CAFs	Human cancer-associated fibroblasts (patient derived)		Human	Unknown	Primary Cell	Adherent	miRNA		<a href="#">Metafectene PRO</a>	G. T. Noh, Dissertation, 2021, The Graduate School Yonsei University	<a href="#">Link</a>
Caki-1	Human kidney clear cell carcinoma cell line	ATCC HTB-46	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	T. Liu et al., Mol. Cancer Ther., May 2009; 8: 1227 - 1238	<a href="#">Link</a>
Calu-6	Human lung anaplastic carcinoma cell line	ATCC HTB-56	Human	Respiratory System	Cell Line	Adherent	iron oxide		<a href="#">Metafectene</a>	L. Matuszewski et al., Radiology, Apr 2005; 235: 155 - 161	
Capan-1	Human pancreatic adenocarcinoma cell line	ATCC HTB-79	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. Pahle, Dissertation, 2017, Humboldt-Universität zu Berlin	<a href="#">Link</a>
CCB	Common carp brain cell line (Cyprinus carpio carpio)		Fish	Brain	Cell Line		Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">K2 Transfection System</a>	L. Schröder et al., Virus Res., 2019, 261: 21-30, doi: 10.1016/j.virusres.2018.12.004	
CCB	Common carp brain cell line (Cyprinus carpio carpio)		Fish	Brain	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">K2 Transfection System</a>	L. Schröder et al., Journal of General Virology, 2019, DOI 10.1099/jgv.0.001148	<a href="#">Link</a>
CCB	Common carp brain cell line (Cyprinus carpio carpio)		Fish	Brain	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">K2 Transfection System</a>	L. Schröder et al., Journal of General Virology, 2019, DOI 10.1099/jgv.0.001148	<a href="#">Link</a>
CCB	Common carp brain cell line (Cyprinus carpio carpio)		Fish	Brain	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">K2 Transfection System</a>	L. Schröder, Dissertation, 2019, Universität Greifswald	<a href="#">Link</a>
CCB	Common carp brain cell line (Cyprinus carpio carpio)		Fish	Brain	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">K2 Transfection System</a>	L. Schröder et al., Virus Research, 2019, 261: 21-30, doi.org/10.1016/j.virusres.2018.12.004	<a href="#">Link</a>
CCB	Common carp brain cell line (Cyprinus carpio carpio)		Fish	Brain	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	L. Schröder, Dissertation, 2019, Universität Greifswald	<a href="#">Link</a>
CCD 841 CoTr	Human normal colon epithel cell line	ATCC CRL-1807	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
CCD 841 CoTr	Human normal colon epithel cell line	ATCC CRL-1807	Human	Digestive Organs	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
CCD 841 CoTr	Human normal colon epithel cell line	ATCC CRL-1807	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
CCD 841 CoTr	Human normal colon epithel cell line	ATCC CRL-1807	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
CCD 841 CoTr	Human normal colon epithel cell line	ATCC CRL-1807	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
CD4+ T cells	Human CD4+ T cells		Human	Immune System		suspension	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	J.-S. Chung et al., Eur. J. Immunol., 2011,41: 1794-1799, DOI 10.1002/eji.201041233	
CEF	Chicken primary embryonic fibroblasts		Chicken	Unknown	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene</a>	Y. Tomioka et al., J. Gen. Virol., Mar 2004; 85: 647 - 652	<a href="#">Link</a>
CEF	Chicken primary embryonic fibroblasts		Chicken	Unknown	Primary Cell	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene EASY</a>	R. Hrdlickova et al., Mol. and Cell. Biology, 2012, 32(21): 4283-4296doi:10.1128/MCB.00550-12	<a href="#">Link</a>
CEF	Chicken primary embryonic fibroblasts		Chicken	Unknown	Primary Cell	Adherent	Plasmid	Virus Production	<a href="#">Metafectene EASY</a>	R. Hrdlickova et al., Mol. and Cell. Biology, 2012, 32(21): 4283-4296doi:10.1128/MCB.00550-12	<a href="#">Link</a>
CHO	Chinese hamster ovary cell line		Hamster	Genital Tract	Cell Line	Adherent	Plasmid	Protein Production	<a href="#">Metafectene</a>	A. Dallatomasina, Dissertation, University of Parma	<a href="#">Link</a>
CHO	Chinese hamster ovary cell line		Hamster	Genital Tract	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	N. Azzam et al., Endocrinology, 2012, 153 (2): 954-960, doi: 10.1210/en.2011-1856	
CHO	Chinese hamster ovary cell line		Hamster	Genital Tract	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	K. Kotarsky et al., J. Pharmacol. Exp. Ther., Aug 2006; 318: 619 - 628.	<a href="#">Link</a>
CHO	Chinese hamster ovary cell line		Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	L. C. I. Kalveram, Dissertation, 2020, Charité Universitätsmedizin Berlin	<a href="#">Link</a>
CHO	Chinese hamster ovary cell line		Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Huebener et al., Mol. Cancer Ther., Aug 2009; 8: 2392 - 2401	<a href="#">Link</a>
CHO	Chinese hamster ovary cell line		Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	G. Brady et al., J. Biol. Chem., Sep 2005; 280: 30723 - 30734	<a href="#">Link</a>
CHO	Chinese hamster ovary cell line		Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Elter et al., J. Biol. Chem., Mar 2007; 282: 8786 - 8792	
CHO	Chinese hamster ovary cell line		Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. O. Eichmann et al., J. Biol. Chem., Nov 2012; 287: 41446 - 41457	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
CHO	Chinese hamster ovary cell line		Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	G. D. Stewart et al., J. Pharmacol. Exp. Ther., Oct 2009; 331: 277 - 286	<a href="#">Link</a>
CHO	Chinese hamster ovary cell line		Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. de las Rivas et al., Nat Chem Biol. 2020 March ; 16(3): 351-360. doi:10.1038/s41589-019-0444-x.	
CHO	Chinese hamster ovary cell line		Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. T. Albert et al., J. Physiol., 2007, 580.2, 451-461	
CHO	Chinese hamster ovary cell line		Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Ashikov et al., Glycobiology, Mar 2013; 23: 303 - 309	<a href="#">Link</a>
CHO	Chinese hamster ovary cell line		Hamster	Genital Tract	Cell Line	Adherent			<a href="#">Metafectene</a>	L. Zhuang et al., Archives of Biochemistry and Biophysics, 2017, 625-626: 54-64, http://dx.doi.org/10.1016/j.jabb.2017.06.002	
CHO	Chinese hamster ovary cell line		Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. K. Sethi et al., J. Biol. Chem., Jan 2012; 287: 2739 - 2748	<a href="#">Link</a>
CHO	Chinese hamster ovary cell line		Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. G. Beck-Sickinger et al., Patent, 2015, US2015/0238626A1	<a href="#">Link</a>
CHO	Chinese hamster ovary cell line		Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S. Z. Jokhadar et al., PLOS ONE, 2016; DOI:10.1371/journal.pone.0165098	<a href="#">Link</a>
CHO 6B2	Chinese hamster ovary cell line		Hamster	Genital Tract	Cell Line	Adherent	Plasmid	Protein Production	<a href="#">Metafectene</a>	A. Maggioni et al., ChemBioChem 2013, 14: 1936 - 1942, DOI: 10.1002/cbic.201300298	
CHO-K1	Chinese hamster ovary cell line	ATCC CCL-61	Hamster	Genital Tract	Cell Line	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	A. Avinó et al., Protocols in Nucleic Acid Chemistry, 2020, 77: e78, doi: 10.1002/cpnc.78	
CHO-K1	Chinese hamster ovary cell line	ATCC CCL-61	Hamster	Genital Tract	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	H.-J. Jun et al., J. of Lipid Research, 2014	<a href="#">Link</a>
CHO-K1	Chinese hamster ovary cell line	ATCC CCL-61	Hamster	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	K.-C. Woo et al., FASEB J, Aug 2011; 25: 2757 - 2769	<a href="#">Link</a>
CHO-K1	Chinese hamster ovary cell line	ATCC CCL-61	Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. de las Rivas et al., Nature Chemical Biology, 2019, 1: 351-360, doi.org/10.1038/s41589-019-0444-x	<a href="#">Link</a>
CHO-K1	Chinese hamster ovary cell line	ATCC CCL-61	Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	F. Steinberg et al., J. Biol. Chem., Nov 2010; 285: 37704 - 37715	<a href="#">Link</a>
CHO-K1	Chinese hamster ovary cell line	ATCC CCL-61	Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Thorwarth et al., J. Med. Genet., Jun 2014; 51: 375 - 387	<a href="#">Link</a>
CHO-K1	Chinese hamster ovary cell line	ATCC CCL-61	Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	H. Biebermann et al., Eur. J. Endocrinol., Sep 2005; 153: 359 - 366	<a href="#">Link</a>
CHO-K1	Chinese hamster ovary cell line	ATCC CCL-61	Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. A. Eisinger et al., Mol. Pharmacol., Feb 2011; 79: 326 - 335	<a href="#">Link</a>
CHO-K1	Chinese hamster ovary cell line	ATCC CCL-61	Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	H.-J. Jun et al., J. Lipid Res., Jun 2014; 55: 1098 - 1110	<a href="#">Link</a>
CHO-K1	Chinese hamster ovary cell line	ATCC CCL-61	Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Thorwarth et al., J. Med. Genet., 2014, 51: 375-387, doi:10.1136/jmedgenet-2013-102248	
CHO-K1	Chinese hamster ovary cell line	ATCC CCL-61	Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. S. Jamieson et al., J. Cell Sci., Dec 2005; 118: 5835 - 5847	<a href="#">Link</a>
CHO-K1	Chinese hamster ovary cell line	ATCC CCL-61	Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K.-C. Woo et al., FASEB J, Aug 2011; 25: 2757 - 2769	<a href="#">Link</a>
CHO-K1	Chinese hamster ovary cell line	ATCC CCL-61	Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	V. Yurchenko et al., J. Biol. Chem., Apr 2005; 280: 17013 - 17019	<a href="#">Link</a>
CHO-K1	Chinese hamster ovary cell line	ATCC CCL-61	Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. Lepore et al., eLife., 2017, 6: e24476, doi: 10.7554/eLife.24476	<a href="#">Link</a>
CHO-K1	Chinese hamster ovary cell line	ATCC CCL-61	Hamster	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	D. A. Eisinger et al., Mol. Pharmacol., Feb 2011; 79: 326 - 335	<a href="#">Link</a>
CHO-IdID	Chinese hamster ovary cell line (Derivate of CHO)		Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. de las Rivas et al., Nature Chemical Biology, 2019, 1: 351-360, doi.org/10.1038/s41589-019-0444-x	<a href="#">Link</a>
CL3	Mouse hybridoma: B lymphocyte cell line	ATCC CRL-2515	Mouse	Other	Cell Line	suspension	Plasmid		<a href="#">Metafectene</a>	N. J. Bradshaw et al., PLoS ONE, 2014, 9 (10): e111196, doi:10.1371/journal.pone.0111196	<a href="#">Link</a>
CM7/1	Mouse embryonic cell lene		Mouse	Unknown	stem cell	Adherent	Plasmid		<a href="#">Metafectene</a>	D. Weber et al., J. of Molecular and Cellular Cardiology, 2015, 79: 79-88; doi.org/10.1016/j.yjmcc.2014.11.004	
CM7/1	Mouse embryonic stem cell line		Mouse	Unknown	stem cell	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	D. Weber, Doctoral Thesis, 2014, Julius-Maximilians-Universitaet Wuerzburg	<a href="#">Link</a>



CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
CMel-2	Human primary superficial spreading melanoma cells		Human	Skin	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	I. Venza et al., Int. Immunopharmacol., 2014, 21: 439-446; doi.org/10.1016/j.intimp.2014.05.024	
CMel-2	Human primary superficial spreading melanoma cells		Human	Skin	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	I. Venza et al., Int. Immunopharmacol., 2014, 21: 439-446; doi.org/10.1016/j.intimp.2014.05.024	
COS	African green monkey kidney fibroblast-like cell line		Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	H. Uhlmann-Schiffler et al., Nucleic Acids Res., Jan 2006; 34: 10 - 22	<a href="#">Link</a>
COS	African green monkey kidney fibroblast-like cell line		Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	X. Duportet et al., Nucleic Acids Res., Dec 2014; 42: 13440 - 13451	<a href="#">Link</a>
COS-1	African green monkey kidney fibroblast-like cell line	ATCC CRL-1650	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">DOTAP</a>	P. Lau et al., J. Biol. Chem., Jun 2008; 283: 18411 - 18421	
COS-1	African green monkey kidney fibroblast-like cell line	ATCC CRL-1650	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">DOTAP</a>	M. A. Maxwell et al., J. Biol. Chem., Apr 2005; 280: 12573 - 12584	<a href="#">Link</a>
COS-1	African green monkey kidney fibroblast-like cell line	ATCC CRL-1650	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">DOTAP</a>	P. Lau et al., J. Biol. Chem., Aug 2004; 279: 36828 - 36840	
COS-1	African green monkey kidney fibroblast-like cell line	ATCC CRL-1650	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">DOTAP</a>	S. Raichur et al., J. Mol. Endocrinol., Jul 2007; 39: 29 - 44	
COS-1	African green monkey kidney fibroblast-like cell line	ATCC CRL-1650	Monkey	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	J.-S. Chung et al., J. Immunol., Nov 2007; 179: 5778 - 5784	<a href="#">Link</a>
COS-1	African green monkey kidney fibroblast-like cell line	ATCC CRL-1650	Monkey	Urinary System	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	J.-S. Chung et al., J. Immunol., Nov 2007; 179: 5778 - 5784	<a href="#">Link</a>
COS-1	African green monkey kidney fibroblast-like cell line	ATCC CRL-1650	Monkey	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	J.-S. Chung et al., J. Immunol., Nov 2007; 179: 5778 - 5784	<a href="#">Link</a>
COS-1	African green monkey kidney fibroblast-like cell line	ATCC CRL-1650	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	P. Lau et al., J. Biol. Chem., Jun 2008; 283: 18411 - 18421	
COS-1	African green monkey kidney fibroblast-like cell line	ATCC CRL-1650	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. A. Maxwell et al., J. Biol. Chem., Apr 2005; 280: 12573 - 12584	<a href="#">Link</a>
COS-1	African green monkey kidney fibroblast-like cell line	ATCC CRL-1650	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	P. Lau et al., J. Biol. Chem., Aug 2004; 279: 36828 - 36840	
COS-1	African green monkey kidney fibroblast-like cell line	ATCC CRL-1650	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Raichur et al., J. Mol. Endocrinol., Jul 2007; 39: 29 - 44	
COS-1	African green monkey kidney fibroblast-like cell line	ATCC CRL-1650	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. G. Harikumar et al., PNAS, Nov 2012; 109: 18607 - 18612	<a href="#">Link</a>
COS-1	African green monkey kidney fibroblast-like cell line	ATCC CRL-1650	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	F. A. Paczkowski et al., J. Biol. Chem., Jun 2007; 282: 17837 - 17844	<a href="#">Link</a>
COS-1	African green monkey kidney fibroblast-like cell line	ATCC CRL-1650	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	E. N. Kozlov et al., Viruses, 2018, 10: 370, doi:10.3390/v10070370	<a href="#">Link</a>
COS-1	African green monkey kidney fibroblast-like cell line	ATCC CRL-1650	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. Karlova et al., Chemistry and Physics of Lipids, HAL Id:hal-02109357, 2019, doi.org/10.1016/j.chemphyslip.2019.01.013. hal-02109357	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	N. Migliaccio et al., Biochimie, 2015, 118: 1-7, doi.org/10.1016/j.biochi.2015.07.021	
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL 1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	V. Thieme et al., British J. of Pharmacology, 2016, 173:3208-3221; DOI:10.1111/bph.13582	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	B. Kien et al., J. of Lipid Res., 2018	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	I.-L. Ruiz-Arana et al., Sex Dev, 2015,9: 80-85; DOI 10.1159/000371603	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	K. Nordsieck et al., Biopolymers. 2018, e23103, DOI: 10.1002/bip.23103	
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	R. Frank et al., ChemBioChem, 2016, 17: 308-317; DOI :10.1002/cbic.201500569	
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	M. A. Pribasniq et al., J. Biol. Chem., 2015, 290(50): 29869-29881; DOI 10.1074/jbc.M115.669168	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	A. Rieger at al., Bioforum 12, 846, 2002	
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	A. Rieger at al., Bioforum 12, 846, 2002	
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL 1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	V. Thieme et al., British J. of Pharmacology, 2016, 173:3208-3221; DOI:10.1111/bph.13582	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Boeszormenyi et al., J. Biol. Chem., Oct 2015; 290: 26361 - 26372	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Btsh et al., J. Neurosci., May 2013; 33: 9184 - 9193	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	P. Lastella et al., J. Med. Genet., Jun 2004; 41: e72	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	H. Biebermann et al., Eur. J. Endocrinol., Sep 2005; 153: 359 - 366	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. A. Cabrita et al., J. Biol. Chem., Sep 2006; 281: 29201 - 2912	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Schweiger et al., J. Biol. Chem., Jun 2008; 283: 17211 - 17220	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Buchebner et al., J. Lipid Res., Oct 2010; 51: 2896 - 2908	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. O. Eichmann et al., J. Lipid Res., Oct 2015; 56: 1972 - 1984	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Morak et al., Mol. Cell. Proteomics, Dec 2012; 11: 1777 - 1789	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Morak et al., Mol. Cell. Proteomics, Dec 2012; 11: 1777 - 1789	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Möbius et al., Glycobiology, Nov 2013; 23: 1260 - 1269	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Mühlhaus et al., Frontiers in Pharmacology, 8, art807, doi: 10.3389/fphar.2017.00807	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. L. Hay et al., Mol. Pharmacol., May 2005; 67: 1655 - 1665	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL 1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	I. Lim et al., PLOS ONE, 2016; DOI: 10.1371/journal.pone.0159018	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. M. Pollak et al., J. Biol. Chem., Jan 2015; 290: 1295 - 1306.	
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Udawela et al., Mol. Pharmacol., Jun 2006; 69: 1984 - 1989	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Mayer et al., Bioorg. & Med. Chem., 2015, 23: 2904-2916; doi.org/10.1016/j.bmc.2015.02.051	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Harada et al., J. Biol. Chem., Aug 2007; 282: 22651 - 22661	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Couillard-Despres et al., 2014, US 8,841,430	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Schweiger et al., 2018, EP3263559	
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	R. Schreiber et al., J. Lipid Res., Dec 2009; 50: 2514 - 2523	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	P. Hofer et al., Biol. Chem., Jul 2015; 290: 18438 - 18453	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. Rathmann et al., J. Biol. Chem., Sep 2012; 287: 32181 - 32194	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Thiel et al., J. Cell Sci., May 2013; 126: 2198 - 2212	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Karl et al., J Neurochemistry, 2005, 92, 264-282	
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	E. Walenta et al., PLoS ONE, 2013, 8(11): e79134, doi:10.1371/journal.pone.0079134	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	F. Mattijssen et al., J. Biol. Chem., Jul 2014; 289: 19279 - 19293.	
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	L. Silvestri et al., Hum. Mol. Genet., Nov 2005; 14: 3477 - 3492	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	L. Silvestri et al., Hum. Mol. Genet., Nov 2005; 14: 3477 - 3492	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	U. Taschler et al., Biochim. et Biophys. Acta, 2015, 1851: 937-945; doi.org/10.1016/j.bbali.2015.02.017	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Udavela et al., Mol. Pharmacol., Nov 2006; 70: 1750 - 1760	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. J. S. Chee et al., J. Biol. Chem., Nov 2008; 283: 33337 - 33346	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	P. Hehlert, 2016, Dissertation, Georg-August-Universität Göttingen	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Walther et al., J. Biol. Chem., Dec 2010; 285: 41578 - 41590	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. M. Pollak et al., J. Lipid Res., Apr 2013; 54: 1092 - 1102	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	X. Pedragosa-Badia et al., J. Biol. Chem., Feb 2014; 289: 5846 - 5859	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Windpassinger et al., Nature Genetics, 36, 271-276 (2004)	
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	L. Grumet et al., J. Biol. Chem., Aug 2016, 291, 17977 - 17987	
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A.-K. Wermter et al., Eur. J. Endocrinol., Jun 2005; 152: 851 - 862	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Grosse et al., Physiol Genomics, Sep 2006; 26: 209 - 217	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. J. H. H. DeLuca, dissertation, 2015, Vanderbilt University	
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	P. C. Kienesberger et al., J. Biol. Chem., Feb 2008; 283: 5908 - 5917	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Gruber et al., J. Biol. Chem., Apr 2010; 285: 12289 - 12298	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Schweiger et al., J. Lipid Res., Nov 2012; 53: 2307 - 2317	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. L. Piechowski et al., J. Mol. Endocrinol., Jun 2013; 51: 109 - 118	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Fischer et al., J. of Mol. Endocrinology, 2015:54: 39-50; DOI: 10.1530/JME-14-0272	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. A. Pribasniq et al., J. Biol. Chem., Dec 2015; 290: 29869 - 29881	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	R. E. Albers et al., Scientific Reports, 2019, 9: 2742, doi.org/10.1038/s41598-019-39426	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	I. K. Cerk et al., J. Biol. Chem., Nov 2014; 289: 32559 - 32570.	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. M. Doran et al., Biochimie, 2011, 93(2): 361-368, doi: 10.1016/j.biochi.2010.10.009	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Biskup et al., J. Cell Sci., Oct 2004; 117: 5165 - 5178	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	R. Birner-Gruenberger et al., Mol. Cell. Proteomics, Nov 2005; 4: 1710 - 1717	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Bräunig et al., Frontiers in Pharmacology, 2018, 9:222, doi: 10.3389/fphar.2018.00222	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	P. Nurwakagari et al., J. Mol. Endocrinol., Feb 2007; 38: 259 - 275	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. Takahashi et al., J. Biochem., Nov 2009; 146: 675 - 682	
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Rediger et al., J. Biol. Chem., Nov 2011; 286: 39623 - 39631	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene EASY</a>	I. Park et al., Endocrinol. Metab., 2014, 29: 379-387, doi.org/10.3803/EnM.2014.29.3.379	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	D. C. Hofer et al., Biochimica et Biophysica Acta, 2017, 1862: 358-368	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	U. Reinhardt et al., Bioconjugate Chem. 2015, 26, 2106-2117; DOI: 10.1021/acs.bioconjchem.5b00387	
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	A. R. Pessentheiner et al., The FASEB Journal, 2017, 31, article fj.201601337R	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	X. Pedragosa-Badía et al., J. Biol. Chem., Feb 2014; 289: 5846 - 5859	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. Karlova et al., Chemistry and Physics of Lipids, HAL Id:hal-02109357, 2019, doi.org/10.1016/j.chemphyslip.2019.01.013.hal-02109357	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	I.E. Frohner et al., Resource, 2020, 30, 9: P3171-3182.e6, doi.org/10.1016/j.celrep.2020.02.035	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. Baruzzi et al., J. Immunol., Nov 2015; 195: 4900 - 4912	
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	E. Boudreau et al., PLoS ONE, 2012, 7(9): e45918. doi:10.1371/journal.pone.0045918	<a href="#">Link</a>
COS-7	African green monkey kidney fibroblast-like cell line	ATCC CRL-1651	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	L. Hoa et al., Cellular Signalling, 2016, 28: 488-497; doi.org/10.1016/j.cellsig.2016.02.012	
CS-1	Human chondrosarcoma cell line		Human	Bone	Cell Line		Plasmid		<a href="#">Metafectene</a>	P. Orth et al., Mol Biotechnol, Feb 2008; 38 (2): 137-44	
CT26	Mouse colon carcinoma cell line	ATCC CRL-2638	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">K2 Transfection System</a>	K. Yokomizo et al., Med. Oncology, 2022, 39: 58, doi.org/10.1007/s12032-022-01659-2	<a href="#">Link</a>
CTX TNA2	Rat astrocyte cell line	ATCC CRL-2006	Rat	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Karl et al., J Neurochemistry, 2005, 92, 264-282	
CTX TNA2	Rat astrocyte cell line	ATCC CRL-2006	Rat	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Couillard-Despres et al., 2014, US 8,841,430	<a href="#">Link</a>
D238med	Human brain medulloblastoma cell line	ATCC HTB-185	Human	Brain	Cell Line	suspension	Plasmid		<a href="#">Metafectene</a>	C. Karl et al., J Neurochemistry, 2005, 92, 264-282	
D283 Med	Human medulloblastoma cell line	ATCC HTB-185	Human	Nervous System	Cell Line	suspension	Plasmid		<a href="#">Metafectene</a>	S. Couillard-Despres et al., 2014, US 8,841,430	<a href="#">Link</a>
D3WT_N2Euro	Mouse neural stem cell line (Derivat of mES line D3)		Mouse	Unknown	stem cell	Adherent	iron oxide		<a href="#">Metafectene</a>	M. H. Keuters et al., NMR Biomed., 2015, 28: 231-239; DOI: 10.1002/nbm.3244	
D54	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">K2 Transfection System</a>	P. D'Arrigo et al., Cell Death Discovery, 2019, 5:137, doi.org/10.1038/s41420-019-0216-0	<a href="#">Link</a>
D54	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">K2 Transfection System</a>	P. D'Arrigo et al., Cell Death Discovery, 2019, 5:137, doi.org/10.1038/s41420-019-0216-0	<a href="#">Link</a>
D54	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	P. D'Arrigo et al., Cell Death Discovery, 2019, 5:137, doi.org/10.1038/s41420-019-0216-0	<a href="#">Link</a>
D54	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	P. D'Arrigo et al., Oncotarget, 2017, 8 (40): 68291-68304	<a href="#">Link</a>
D54	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	P. D'Arrigo et al., Cell Death Discovery, 2019, 5:137, doi.org/10.1038/s41420-019-0216-0	<a href="#">Link</a>
Daoy	Human desmoplastic cerebellar medulloblastoma cell line	ATCC HTB-186	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M.C. Burger et al., Int. J. of Oncology, 2012, 41: 235-241, DOI: 10.3892/ijo.2012.1446	<a href="#">Link</a>
DC2.4	Mouse dendritic cell line		Mouse	Bone	Cell Line		siRNA	RNA-Interference	<a href="#">Metafectene</a>	A. S. Timin et al., Nanomedicine: NBM 2018, 14:97-108, doi.org/10.1016/j.nano.2017.09.001	<a href="#">Link</a>
DC2.4	Mouse dendritic cell line		Mouse	Bone	Cell Line		siRNA	RNA-Interference	<a href="#">Metafectene</a>	X. You et al., Fish and Shellfish Immunology, 2018, 72: 356-366, doi.org/10.1016/j.fsi.2017.11.014	<a href="#">Link</a>
DG-75	Human Burkitt's lymphoma cell line	ATCC CRL-2625	Human	Immune System	Cell Line	suspension	Plasmid		<a href="#">Metafectene</a>	S. Thakker et al., J. Virol., May 2015; 89: 5536 - 5556	
DLD-1	Human colon adenocarcinoma cell line	ATCC CCL-221	Human	Digestive Organs	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene</a>	C. Emming, Dissertation, 2021, Ludwig-Maximilians-Universität München	<a href="#">Link</a>
DLD-1	Human colon adenocarcinoma cell line	ATCC CCL-221	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	C. Emming, Dissertation, 2021, Ludwig-Maximilians-Universität München	<a href="#">Link</a>
DLD-1	Human colon adenocarcinoma cell line	ATCC CCL-221	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. Masiá-Balagué et al., J. Biol. Chem., Jun 2015; 290: 15197 - 15209	
DU145	Human prostate cancer cell line, derived from metastatic site: brain	ATCC HTB-81	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	K. J. Choi et al., Cancer Res., Apr 2007; 67: 3654 - 3662	<a href="#">Link</a>
DU145	Human prostate cancer cell line, derived from metastatic site: brain	ATCC HTB-81	Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	V. Shoshan-Barmatz et al., 2014, US 8,648,045 (Patent)	<a href="#">Link</a>
DU145	Human prostate cancer cell line, derived from metastatic site: brain	ATCC HTB-81	Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S.-B. Varda et al., 2012, EP 2 371 846	<a href="#">Link</a>
DU145	Human prostate cancer cell line, derived from metastatic site: brain	ATCC HTB-81	Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	C. Morich, Dissertation, 2016, Georg-August University Göttingen	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
DU447	Human mammary adenocarcinoma cell line		Human	Breast	Cell Line		iron oxide		<a href="#">Metafectene</a>	L. Matuszewski et al., Radiology, Apr 2005; 235: 155 - 161	
ECV-304	Human uroepithelial bladder carcinoma cell line	DSM ACC 310	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Pelisek et al., J Mol Med (Berl), Nov 2002; 80(11): 724-36	
EFO-27	Human ovary adenocarcinoma cell line (cisplatin resistant)		Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	S. Dilruba et al., Cells, 2020, 9: 515, doi: 10.3390/cells9020515	<a href="#">Link</a>
EJ138	Human bladder carcinoma cell line	ECACC 85061108	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M.C. Burger et al., Int. J. of Oncology, 2012, 41: 235-241, DOI: 10.3892/ijo.2012.1446	<a href="#">Link</a>
EL-4	Mouse lymphoma T cell line	ATCC TIB-39	Mouse	Immune System	Cell Line	suspension	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">K2 Transfection System</a>	K. Ohi et al., Frontiers in Immunology, 2016, 7:618, doi: 10.3389/fimmu.2016.00618	<a href="#">Link</a>
EL-4	Mouse T lymphoma cell line	ATCC TIB-39	Mouse	Immune System	Cell Line	suspension	Plasmid		<a href="#">Metafectene</a>	A. Sahoo et al., J. Biol. Chem., Oct 2008; 283: 28860 - 28872	<a href="#">Link</a>
EpiPC	Mouse primary epicardial progenitor cells (culture from C57 mouse hearts)		Mouse	Other	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	H.-R. Yang, Master Thesis, 2013, Seoul National University	<a href="#">Link</a>
ES-D3	Mouse pluripotent embryonic stem cell line	ATCC CRL-1934	Mouse	Unknown	stem cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. Franek et al., Journal of Histochemistry & Cytochemistry, Nov 2016, 64, 669 - 686	
ES-D3 [D3]	Mouse embryonic multipotent stem cell	ATCC CRL-1934	Mouse	Unknown	stem cell	Adherent	iron oxide	Imaging	<a href="#">Metafectene</a>	E. Küstermann et al., Contrast Media Mol. Imaging, 2008, 3: 27-37	
ES-D3 [D3]	Mouse embryonic multipotent stem cell	ATCC CRL-1934	Mouse	Unknown	stem cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. Suchánková et al., Europ. J. of Histochemistry, 2014; 58:2389, doi: 10.4081/ejh.2014.2389	<a href="#">Link</a>
ESC	Murine ESCs of the line R1		Murine	Unknown	stem cell	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	A. K. Shakhbazyan et al., Russian J. of Developmental Biol., 2013, 44 (6): 302-306, DOI: 10.1134/S1062360413060088	
F-IPF	Human primary lung fibroblasts		Human	Respiratory System	Primary Cell	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene EASY</a>	X. Deng et al., The Int. J. of Biochem. & Cell Biol., 213, 45: 1366- 1376, doi. org/10.1016/j.biocel.2013.04.003	
F-NL	Human primary lung fibroblasts		Human	Respiratory System	Primary Cell	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene EASY</a>	X. Deng et al., The Int. J. of Biochem. & Cell Biol., 213, 45: 1366- 1376, doi. org/10.1016/j.biocel.2013.04.003	
F2611B	Human cells derived from a dyskeratosis congenita patient		Human	Unknown	Unknown		Plasmid		<a href="#">K2 Transfection System</a>	L. Iarriccio et al., PLOS ONE, 2015, DOI: 10.1371/journal.pone.0142980	<a href="#">Link</a>
F9	Mouse testis embryonal carcinoma cell line	ATCC CRL-1720	Mouse	Genital Tract	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">K2 Transfection System</a>	L. Iarriccio et al., PLOS ONE, 2015, DOI: 10.1371/journal.pone.0142980	<a href="#">Link</a>
F9-A353V	Mouse testis embryonal carcinoma cell line (dyskerin-mutated)		Mouse	Genital Tract	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">K2 Transfection System</a>	L. Iarriccio et al., PLOS ONE, 2015, DOI: 10.1371/journal.pone.0142980	<a href="#">Link</a>
FG	Human pancreatic adenocarcinoma cell line (Derivat of Colo357)		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	H. Seeliger et al., Mol. Cancer Res., Feb 2009; 7: 189 - 198	<a href="#">Link</a>
Flp-In 293	Human embryonic kidney cell line (derivative of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	S. M. Hoser et al., Genome Biology, 2020, 21: 299, doi.org/10.1186/s13059-020-02199-6	<a href="#">Link</a>
Flp-In T-REx H1	Human cervix adenocarcinoma cell line (derivative of HeLa)		Human	Genital Tract	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene PRO</a>	T. M. Nthiga et al., J. Cell Biol., 2021, 220, 6, doi.org/10.1083/jcb.202006128	<a href="#">Link</a>
Flp-In T-REx H1	Human cervix adenocarcinoma cell line (derivative of HeLa)		Human	Genital Tract	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	T. M. Nthiga et al., J. Cell Biol., 2021, 220, 6, doi.org/10.1083/jcb.202006128	<a href="#">Link</a>
Flp-in TREx 293	Human embryonic kidney cell line (derivative of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene PRO</a>	B.K. Shrestha et al., J Biol Chem., 2020, 295(5): 1240-1260, doi: 10.1074/jbc.RA119.010068	<a href="#">Link</a>
Flp-in TREx 293	Human embryonic kidney cell line (derivative of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene PRO</a>	T. M. Nthiga et al., The EMBO J., 39: e103649, DOI 10.15252/emj.2019103649	<a href="#">Link</a>
Flp-in TREx 293	Human embryonic kidney cell line (Derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene PRO</a>	B. K. Shrestha et al., J. Biol. Chem., 2019, doi/10.1074/jbc.RA119.010068	<a href="#">Link</a>
Flp-in TREx 293	Human embryonic kidney cell line (derivative of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	B.K. Shrestha et al., J Biol Chem., 2020, 295(5): 1240-1260, doi: 10.1074/jbc.RA119.010068	<a href="#">Link</a>
Flp-in TREx 293	Human embryonic kidney cell line (derivative of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	T. M. Nthiga et al., The EMBO J., 39: e103649, DOI 10.15252/emj.2019103649	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
Flp-in TREx 29;	Human embryonic kidney cell line (Derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	T. Ramming, Dissertation, 2014, Universitaet Basel	<a href="#">Link</a>
Flp-in TREx 29;	Human embryonic kidney cell line (Derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	T. Ramming et al., Redox Biology, 2016, 714-20; doi.org/10.1016/j.redox.2015.11.004	
Flp-in TREx 29;	Human embryonic kidney cell line (Derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. Birk et al., J. Cell Sci., Apr 2013; 126: 1604 - 1617	<a href="#">Link</a>
Flp-in TREx 29;	Human embryonic kidney cell line (Derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. J. Wright, PhD Thesis, 2015, University of Michigan	<a href="#">Link</a>
Flp-in TREx 29;	Human embryonic kidney cell line (Derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. Wright et al., J. Biol. Chem., Oct 2013; 288: 31010 - 31018	<a href="#">Link</a>
Flp-In TREx He	Human cervix adenocarcinoma cell line (derivative of HeLa)		Human	Genital Tract	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene PRO</a>	T. M. Nthiga et al., The EMBO J., 39: e103649, DOI 10.15252/embj.2019103649	<a href="#">Link</a>
Flp-In TREx He	Human cervix adenocarcinoma cell line (derivative of HeLa)		Human	Genital Tract	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	N.E. Taboko, Masters Thesis, 2020, UIT Norges arktiske universitet	<a href="#">Link</a>
Flp-In TREx He	Human cervix adenocarcinoma cell line (derivative of HeLa)		Human	Genital Tract	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	T. M. Nthiga et al., The EMBO J., 39: e103649, DOI 10.15252/embj.2019103649	<a href="#">Link</a>
FLS	Mouse fibroblast-like synoviocytes		Mouse	Unknown	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. Sekine et al., Arthritis & Rheumatology, 2014, 66 (10) :2751-2761, DOI 10.1002/art.38743	<a href="#">Link</a>
FO2-98hTERT	Human ATR mutated Seckel hTERT immortalized fibroblasts		Human	Unknown	Unknown	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	T. Stiff et al., Hum. Mol. Genet., Apr 2016; 25: 1574 - 1587	<a href="#">Link</a>
FTC-133	Human follicular thyroid carcinoma/lymph node metastasis cell line	ECACC 94060901	Human	Other	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	J. Pyka et al., Cancer Res., Feb 2005; 65: 1343 - 1351	<a href="#">Link</a>
FTC-133	Human follicular thyroid carcinoma/lymph node metastasis cell line	ECACC 94060901	Human	Other	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. R. H. Büch et al., J. Biol. Chem., Jul 2008; 283: 20330 - 20341	<a href="#">Link</a>
G1K	Human pancreas carcinoma cell line (derivat of MIA PaCa-2)		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	L. Qin et al., Oncotarget, 2016, 7 (14): 17726-17736	<a href="#">Link</a>
G361	Human skin malignant melanoma cell line	ATCC CRL-1424	Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	S. Romano et al., Pigment Cell Melanoma Res., 2013, 26: 900-911, doi: 10.1111/pcmr.12144	
G361	Human skin malignant melanoma cell line	ATCC CRL-1424	Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M. Venza et al., Biochem. and Biophys. Res. Commun., 2013, 441: 743-750, doi.org/10.1016/j.bbrc.2013.10.114	
G3K	Human pancreas carcinoma cell line (derivat of MIA PaCa-2)		Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	L. Qin, PhD Thesis, 2014, Indiana University	
G3K	Human pancreas carcinoma cell line (derivat of MIA PaCa-2)		Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	L. Qin, PhD Thesis, 2014, Indiana University	
G3K	Human pancreas carcinoma cell line (derivat of MIA PaCa-2)		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	L. Qin et al., Mol. Pharmacol., Oct 2014; 86: 561 - 569	
G3K	Human pancreas carcinoma cell line (derivat of MIA PaCa-2)		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	L. Qin et al., Oncotarget, 2016, 7 (14): 17726-17736	<a href="#">Link</a>
G3K	Human pancreas carcinoma cell line (derivat of MIA PaCa-2)		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	L. Qin, PhD Thesis, 2014, Indiana University	
G3K	Human pancreas carcinoma cell line (derivat of MIA PaCa-2)		Human	Digestive Organs	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	L. Qin, PhD Thesis, 2014, Indiana University	
G500	Human pancreas carcinoma cell line (derivat of MIA PaCa-2)		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	L. Qin et al., Oncotarget, 2016, 7 (14): 17726-17736	<a href="#">Link</a>
GBM	Human glioblastoma cells		Human	Brain	Unknown	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	M. Janiszewska et al., Genes & Dev., Sep 2012; 26: 1926 - 1944	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
GC	Bovine granulosa cells derived from ovaries		Cow	Genital Tract	Primary Cell		siRNA	RNA-Interference	<a href="#">Metafectene</a>	M. R. Plewes et al., Biology of Reproduction, 2019, 101(5), 1001–1017, doi:10.1093/biolre/ioz139	<a href="#">Link</a>
GH3	Rat pituitary gland neoplasm cancer cell line (somatotropic)	ATCC® ATCC CCL 82.1	Rat	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	G. Brigantea et al., Mol. and Cell. Endocrinology, 2019, 482: 37–44, doi.org/10.1016/j.mce.2018.12.005	<a href="#">Link</a>
GIST-T1	Human gastrointestinal stromal tumor cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	A. Quattrone, Dissertation, 2015, KU Leuven	<a href="#">Link</a>
GIST-T1	Human gastrointestinal stromal tumor cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	A. Quattrone et al., Modern Pathology, 2014, 27: 1510-1520, doi:10.1038/modpathol.2014.53	<a href="#">Link</a>
GIST430	Human gastrointestinal stromal tumor cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	A. Quattrone, Dissertation, 2015, KU Leuven	<a href="#">Link</a>
GIST430	Human gastrointestinal stromal tumor cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	A. Quattrone et al., Modern Pathology, 2014, 27: 1510-1520, doi:10.1038/modpathol.2014.53	<a href="#">Link</a>
GL15	Human glioblastoma cell line		Human	Brain	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	R. Xie et al., Oncology Reports, 2013, 29: 177-184, 2013, DOI: 10.3892/or.2012.2102	<a href="#">Link</a>
GL15	Human glioblastoma cell line		Human	Brain	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	R. Xie et al., Oncology Reports, 2013, 29: 177-184, 2013, DOI: 10.3892/or.2012.2102	<a href="#">Link</a>
gMEC	Goat mammary epithelial cells			Breast	Primary Cell	Adherent	miRNA		<a href="#">K2 Transfection System</a>	L. Ma et al. J. of Animal Sci. and Biotechnology, 2018, 9:48, doi.org/10.1186/s40104-018-0262-0	<a href="#">Link</a>
GMSM-K	Human non-tumor-derived immortalized gingival epithelial cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Konopka et al., Cell Mol Biol Lett, Jan 2009; 14(1): 70-89	
GP2-293	HEK 293-based retroviral packaging cell line		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	K. Hasse, Dissertation, 2012, Freie Universität Berlin	<a href="#">Link</a>
GP2-293	Human embryonic kidney retroviral packaging cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	J. Lausen et al., J. Biol. Chem., Feb 2010; 285: 5338 - 5346	<a href="#">Link</a>
GP202	Human gastric carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	M.-H. Tsai et al., Oncotarget, 2017, 8 (6): 10238-10254	<a href="#">Link</a>
GR-M	Human cutaneous melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M. Venza et al., Biochem. and Biophys. Res. Commun., 2013, 441: 743–750, doi.org/10.1016/j.bbrc.2013.10.114	
Gsalpha	Human prostate cancer cell line that overexpresses the Gs-alpha protein (derivat of PC3)		Human	Genital Tract	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	A. L. Omara-Opyene et al., Lab Invest., 2004 Jul; 84(7):894-907	
Gsalpha	Human prostate cancer cell line that overexpresses the Gs-alpha protein (derivat of PC3)		Human	Genital Tract	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	K. A. Iczkowski et al., Mol Biotechnol, Oct 2004; 28(2): 97-103	
Gsalpha-QL	Human prostate cancer cell line that overexpresses the Gs-alpha protein (derivat of PC3)		Human	Genital Tract	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	K. A. Iczkowski et al., Anticancer Res, Jul 2006; 26: 2863 - 2872	<a href="#">Link</a>
GSC-1	Human glioma stem-like cells		Human	Brain	stem cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	M. Nabissi et al., Int. J. Cancer, 2015, 137: 1855-1869	<a href="#">Link</a>
GSC-1	Human glioblastoma stem-like cells		Human	Brain	stem cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	M. B. Morelli et al., Int. J. of Cancer, 2012, 131: E1067–E1077, DOI: 10.1002/ijc.27588	<a href="#">Link</a>
GSC-30	Human glioblastoma stem-like cells		Human	Brain	stem cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	M. B. Morelli et al., Int. J. of Cancer, 2012, 131: E1067–E1077, DOI: 10.1002/ijc.27588	<a href="#">Link</a>
GSC-30	Human glioma stem-like cells		Human	Brain	stem cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	M. Nabissi et al., Int. J. Cancer, 2015, 137: 1855-1869	<a href="#">Link</a>
GSC-83	Human glioblastoma stem-like cells		Human	Brain	stem cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	M. B. Morelli et al., Int. J. of Cancer, 2012, 131: E1067–E1077, DOI: 10.1002/ijc.27588	<a href="#">Link</a>
GSC-83	Human glioma stem-like cells		Human	Brain	stem cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	M. Nabissi et al., Int. J. Cancer, 2015, 137: 1855-1869	<a href="#">Link</a>



CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
H-5	Trichoplusia ni insect cell line (cabbage looper)		Insect	Genital Tract	Cell Line	semi-adherent	bacmid	Virus Production	<a href="#">Insectogene</a>	A. Sadou, PhD Thesis, 2012, University of Milan and University of Naples	<a href="#">Link</a>
H35	Rat hepatoma cell line		Rat	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Sato et al., Int. Immunol., Dec 2005; 17: 1543 - 1552	<a href="#">Link</a>
H357	Human oral squamous cell carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Konopka et al., Cell Mol Biol Lett, Jan 2009; 14(1): 70-89	
H357	Human oral squamous cell carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Konopka et al., Cell Mol Biol Lett, Jan 2005; 10(3): 455-70	
H357	Human oral squamous cell carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	N. Düzgünes et al., Methods in Enzymology, 2012, 509, DOI: 10.1016/B978-0-12-391858-1.00018-6	
H376	Human oral squamous cell carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Konopka et al., Cell Mol Biol Lett, Jan 2009; 14(1): 70-89	
H4	Human neuroglioma cell line	ATCC HTB148	Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	L. Fonseca-Ornelas et al., Nature Commun., 2014, 5:5857, DOI: 10.1038/ncomms6857	<a href="#">Link</a>
H4	Human neuroglioma cell line	ATCC HTB148	Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. Dias Queiroz et al., Res. Square, 2021, doi.org/10.21203/rs.3.rs-1075440/v1	<a href="#">Link</a>
H4	Human neuroglioma cells	ATCC HTB148	Human	Brain	Unknown	Adherent	Plasmid		<a href="#">Metafectene</a>	S. E. Eisbach, Dissertation, 2015, Georg-August-Universität Göttingen	<a href="#">Link</a>
H4	Human neuroglioma cells	ATCC HTB148	Human	Brain	Unknown	Adherent	Plasmid		<a href="#">Metafectene</a>	T. Lopes da Fonseca et al., Hum. Mol. Genet., Jun 2016; 10.1093/hmg/ddw147	<a href="#">Link</a>
H4	Human neuroglioma cells	ATCC HTB148	Human	Brain	Unknown	Adherent	Plasmid		<a href="#">Metafectene</a>	L. E. F. Ornelas, Dissertation, 2016, Georg-August University School of Science	<a href="#">Link</a>
H4	Human neuroglioma cell line	ATCC HTB148	Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Albert et al., Mol. Therapy, 2021, 29: 9, doi.org/10.1016/j.ymthe.2021.04.035	<a href="#">Link</a>
H413	Human oral squamous cell carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Konopka et al., Cell Mol Biol Lett, Jan 2009; 14(1): 70-89	
H413	Human oral squamous cell carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	N. Düzgünes et al., Methods in Enzymology, 2012, 509, DOI: 10.1016/B978-0-12-391858-1.00018-6	
H9c2	Rat cardiomyocyte cell line	ATCC CRL-1446	Rat	Muscle	Cell Line	Adherent	siRNA		<a href="#">Metafectene</a>	T. Kowoll, Dissertation, 2018, Ernst-Moritz-Arndt-Universität	<a href="#">Link</a>
H9c2	Rat cardiomyocyte cell line	ATCC CRL-1446	Rat	Muscle	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Law, Thesis, 2015, Oregon State University	<a href="#">Link</a>
H9c2	Rat cardiomyocyte cell line	ATCC CRL-1446	Rat	Muscle	Cell Line	Adherent	siRNA		<a href="#">Metafectene FASY</a>	T. Kowoll, Dissertation, 2018, Ernst-Moritz-Arndt-Universität	<a href="#">Link</a>
H9c2	Rat cardiomyocyte cell line	ATCC CRL-1446	Rat	Muscle	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	H. A. Nicolas et al., cells, 2020, 9:2388, doi:10.3390/cells9112388	<a href="#">Link</a>
H9c2	Rat cardiomyocyte cell line	ATCC CRL-1446	Rat	Muscle	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	W. Khan, PhD Thesis, 2020, UIT The Arctic University of Norway	<a href="#">Link</a>
H9c2	Rat cardiomyocyte cell line	ATCC CRL-1446	Rat	Muscle	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	I. Fortuin, Master Thesis, 2013, University of the Western Cape	<a href="#">Link</a>
HaCaT	Human epidermal keratinocyte cell line		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	V. Morales-Garcia et al., FEBS Open Bio 10, 2020, 2541-2552, doi:10.1002/2211-5463.12987	
HaCaT	Human epidermal keratinocyte cell line		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">K4 Multiplier</a>	Z. Regdon et al., Br. J. Pharmacol., 2021, 178: 1095-1113, DOI: 10.1111/bph.15344	<a href="#">Link</a>
HaCaT	Human epidermal keratinocyte cell line		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Motsch et al., PLoS ONE 7(8): e42193, doi:10.1371/journal.pone.0042193	<a href="#">Link</a>
HaCaT	Human epidermal keratinocyte cell line		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	E. Xu et al., Mol. Cancer Res., 2014, 12(3): 359-369, DOI: 10.1158/1541-7786.MCR-13-0526	<a href="#">Link</a>
HaCaT	Human epidermal keratinocyte cell line		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	W. Xiao et al., Free Radical Biology and Medicine, 2013, 65: 70-77, doi.org/10.1016/j.freeradbiomed.2013.06.010	
HaCaT	Human epidermal keratinocyte cell line		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	L. Stixová et al., Life, 2021, 11, 669, doi.org/10.3390/life11070669	<a href="#">Link</a>
HaCaT	Human epidermal keratinocyte cell line		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	Y.-S. Kim, Poster 222, Active Material: Organic & Natural, iloveweb.kr	<a href="#">Link</a>
HaCaT	Human epidermal keratinocyte cell line		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	S. Sominsky et al., Virology, 2014, 468-470: 510-523, doi.org/10.1016/j.virol.2014.09.007	<a href="#">Link</a>
hADMC	Human primary adipose-derived mast cells		Human	Immune System	Primary Cell		Plasmid		<a href="#">Metafectene PRO</a>	M. Motaghd et al., J. Immunotherapy of Cancer, 2021, 9(Suppl 2): A1-A1052, doi.org/10.1136/jitc-2021-SITC2021.220	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
hASMC	Human arterial smooth muscle cells		Human	Vasculature	Unknown		siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	M. R. Schroeter et al., Cardiovasc Res, Aug 2013; 99: 555 - 565	<a href="#">Link</a>
HAT7	Dental epithelial cell line originating from a cervical loop epithelium of a rat incisor		Rat	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H.-K. Lee, PhD Thesis, 2015, Seoul National University	<a href="#">Link</a>
HAT7	Dental epithelial cell line originating from a cervical loop epithelium of a rat incisor		Rat	Digestive Organs	Cell Line		Plasmid		<a href="#">Metafectene PRO</a>	H.-K. Lee et al., J. Biol. Chem., Jun 2015; 290: 14740 - 14753	<a href="#">Link</a>
HAT7	Dental epithelial cell line originating from a cervical loop epithelium of a rat incisor		Rat	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S.-J. Park, PhD Thesis, 2017, Seoul National University	<a href="#">Link</a>
hBCSCs	Human breast cancer stem cells (from xenografts of human breast cancers)		Human	Respiratory System	stem cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	W.-W. Chang et al., Breast Cancer Res., 2013, 15: R39, doi:10.1186/bcr3423	<a href="#">Link</a>
HBL 100	Human transformed epithelial cell line		Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. M. Scherbakov et al., J. of Cellular Biochem., 2012, 113: 2147-2155	
HBL 100	Human transformed epithelial cell line		Human	Breast	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	A. M. Scherbakov et al., Exp. Cell Res., 2013, 319: 3150 - 3159, doi.org/10.1016/j.yexcr.2013.08.019	
HBL 100	Human transformed epithelial cell line		Human	Breast	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	A. M. Scherbakov et al., Exp. Cell Res., 2013, 319: 3150 - 3159, doi.org/10.1016/j.yexcr.2013.08.019	
HBL 100	Human transformed epithelial cell line		Human	Breast	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	A. M. Scherbakov et al., Exp. Cell Res., 2013, 319: 3150 - 3159, doi.org/10.1016/j.yexcr.2013.08.019	
HBL 100	Human transformed epithelial cell line		Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	A. M. Scherbakov et al., Exp. Cell Res., 2013, 319: 3150 - 3159, doi.org/10.1016/j.yexcr.2013.08.019	
hBMSC	Human bone marrow-derived mesenchymal stem cells		Human	Bone	stem cell	Adherent	Plasmid		<a href="#">Metafectene</a>	D. Malik et al., PLoSONE, 13(9):e0203614, doi.org/10.1371/journal.pone.0203614	<a href="#">Link</a>
hBMSC	Human bone marrow-derived mesenchymal stem cells		Human	Bone	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	E. J. Lee et al., Mol. Therapy, 2017, 26(3): 845-859, doi.org/10.1016/j.yenthe.2017.12.015	<a href="#">Link</a>
hBMSC	Human bone marrow-derived mesenchymal stem cells		Human	Bone	stem cell	Adherent	siRNA		<a href="#">Metafectene PRO</a>	E. J. Lee, Mol. Therapy, 2018, doi: 10.1016/j.yenthe.2017.12.015	
HC11	Mouse immortalized prolactin-responsive mammary epithelial cells	ATCC CRL-3062	Mouse	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Seong et al., Development, 2018, 145: dev165258, doi:10.1242/dev.165258	<a href="#">Link</a>
HC11	Mouse immortalized prolactin-responsive mammary epithelial cells	ATCC CRL-3062	Mouse	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Seong., PhD Thesis, Seoul National University	<a href="#">Link</a>
HCC-44	Human lung adenocarcinoma cell line		Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. Berrout et al., Nature Communications, 2017,8: 947, DOI: 10.1038/s41467-017-00983-w	<a href="#">Link</a>
HCC-515	Human lung adenocarcinoma cell line		Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. Berrout et al., Nature Communications, 2017,8: 947, DOI: 10.1038/s41467-017-00983-w	<a href="#">Link</a>
hCMEC/D3	Human brain-derived microvascular endothelial cells		Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	S. Krishnan et al.,Oncotarget, 2015, 6(26): 22480-22495	<a href="#">Link</a>
hConEC	Human primary conjunctival epithel cells		Human	Sensory Organs	Primary Cell	Adherent	miRNA		<a href="#">Metafectene SI</a>	Q. Pilon et al., Scientific Reports, 2020, 10: 7484, doi.org/10.1038/s41598-020-64422-5	<a href="#">Link</a>
HCT-116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	J. Schulz et al., Scientific Reports, 2018, 8: 2395, DOI:10.1038/s41598-018-19201-8	<a href="#">Link</a>
HCT-116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	N. Golob-Schwarzl et al., Oncotarget, 2017, 8(60): 101224-101243	<a href="#">Link</a>
HCT-8	Human ileocecal colorectal adenocarcinoma cell line	ATCC CCL-244	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K4 Transfection System</a>	S. Möltgen et al., Cells, 2020, 9, 1322, doi: 10.3390/cells9061322	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	A. Avinó et al., Protocols in Nucleic Acid Chemistry, 2020, 77: e78, doi: 10.1002/cpnc.78	
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	miRNA	Cotransfection (Plasmid/miRNA)	<a href="#">Metafectene</a>	S. Guan, Dissertation , 2018, Ruprecht-Karls-Universität Heidelberg	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/miRNA)	<a href="#">Metafectene</a>	S. Guan, Dissertation, 2018, Ruprecht-Karls-Universität Heidelberg	
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	S. D. Nielsen et al., Int. Dairy J., 2014, 36: 136-142; doi.org/10.1016/j.idairyj.2014.01.015	
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	T. Piyush et al., Cell Death Discovery, 2017, 3: 17044, doi:10.1038/cddiscovery.2017.44	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	U. Nir et al., 2013, US 2013/0072448	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	H. B. Purdy, 2012, WO 2012/131048	
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	K. Boland et al., Europ. J. of Pharmacology, 2016, 780: 53-64; doi.org/10.1016/j.ejphar.2016.03.031	
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	S. Diaz-Moralli et al., Oncotarget, 2016, 7 (32): 51876-51897	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	K. J. Choi et al., Cancer Res., Apr 2007; 67: 3654 - 3662	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	U. Sack et al., J. Natl. Cancer Inst., 2011, 103: 1018-1036, DOI: 10.1093/jnci/djr190	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	A.-K. Schmidt et al., bioRxiv preprint, 2021, doi.org/10.1101/2021.10.11.463929	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	L. Ramapathiran et al., J. Cell Sci., Feb 2014; 127: 609 - 619	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	K. Berger, Georg-August-Universität Göttingen	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	K. Berger, Georg-August-Universität Göttingen	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	T. Piyush et al., Cell Death Discovery, 2017, 3: 17044, doi:10.1038/cddiscovery.2017.44	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	U. Sack et al., J Natl Cancer Inst, Jul 2011; 103: 1018 - 1036	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	miRNA		<a href="#">Metafectene</a>	S. Guan, Dissertation, 2017, Ruprecht-Karls-Universität zu Heidelberg	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Protein		<a href="#">Metafectene</a>	B. D'Orsi et al., Injury. Front. Cell Dev., 9: 750100, doi: 10.3389/fcell.2021.750100	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. H. Park et al., Nature Communications, 2016, 7:12513; DOI: 10.1038/ncomms12513	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Pahle et al., BMC Cancer, 2017, 17:129, DOI 10.1186/s12885-017-3123-x	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Minicircle		<a href="#">Metafectene</a>	D. Kobelt, Dissertation, 2012, Humboldt-Universität zu Berlin	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Minicircle		<a href="#">Metafectene</a>	D. Kobelt et al., Mol. Biotechnol., Mol Biotechnol, 2013, 53:80-89	
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Berger, Georg-August-Universität Göttingen	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. D. Nielsen et al., Int. Dairy Journal, 2015, 42: 34e41; doi.org/10.1016/j.idairyj.2014.10.011	
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	Z. Attias et al., Endocr. Relat. Cancer, Jun 2006; 13: 571 - 581	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. D. Nielsen, PhD Thesis, 2014, Asrhus University	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	MIDGE		<a href="#">Metafectene</a>	D. Kobelt, Dissertation, 2012, Humboldt-Universität zu Berlin	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. Kobelt, Dissertation, 2012, Humboldt-Universität zu Berlin	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. T. Al Rashid et al., Cancer Res., Dec 2005; 65: 10810 - 10821	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. Kobelt et al., Mol. Biotechnol., Mol Biotechnol, 2013, 53:80-89	
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene PRO</a>	J. Galán-Martínez et al., Mol. Oncology, 2021, doi:10.1002/1878-0261.13085	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	J. Galán-Martínez et al., Mol. Oncology, 2021, doi:10.1002/1878-0261.13085	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	N. Priego et al., Oncotarget, 2016, 7 (29): 45060-45078	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M. Manefeld et al., Cancer Res., May 2009; 69: 4073 - 4080	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	M. Arechederra et al., J. Biol. Chem., Feb 2015; 290: 4383 - 4397	
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	N. P. Bendeck, Dissertation, 2016, Universidad Complutense de Madrid	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	U. Stein et al., 2014, US 2014/0294957 (Patent)	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	M. Arechederra et al., J. Biol. Chem., Feb 2015; 290: 4383 - 4397	
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	N. P. Bendeck, Dissertation, 2016, Universidad Complutense de Madrid	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. Galán-Martínez et al., Mol. Oncology, 2021, doi:10.1002/1878-0261.13085	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	D. Flügel et al., Blood, 2012, 119(5):1292-1301, doi:10.1182/blood-2011-08-375014	<a href="#">Link</a>
HCT116	Human colon carcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	S. Belluti et al., Cell Death and Disease (2013) 4, e756; doi:10.1038/cddis.2013.287	
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	O. D. K. Maddocks et al., Natur, 2013, 542 (493), doi:10.1038/nature11743	
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	Q. Zhang et al., eLife Sci, Jan 2014; 3: e03077	<a href="#">Link</a>
HCT116	Human colon adenocarcinoma cell line	ATCC CCL-247	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	X. Zhou et al., Cell Death and Differentiation, 2015, 22:755-766; doi: 10.1038/cdd.2014.167	<a href="#">Link</a>
HCT116 p53 -/	Human colon adenocarcinoma cell line deficient of p53		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	X. Zhou et al., J. Biol. Chem., Jul 2013; 288: 21793 - 21801	<a href="#">Link</a>
HCT116 p53 -/	Human colon adenocarcinoma cell line deficient of p53		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. T. Al Rashid et al., Cancer Res., Dec 2005; 65: 10810 - 10821	<a href="#">Link</a>
HCT116 p53 -/	Human colon adenocarcinoma cell line deficient of p53		Human	Digestive Organs	Cell Line	Adherent	sgRNA	CRISPR	<a href="#">Metafectene PRO</a>	C. Ren et al., J. Biol. Chem., Apr 2016; 291: 9629 - 9637	<a href="#">Link</a>
HCT116 p53 -/	Human colon adenocarcinoma cell line deficient of p53		Human	Digestive Organs	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene PRO</a>	C. Ren et al., J. Biol. Chem., Apr 2016; 291: 9629 - 9637	<a href="#">Link</a>
HCT116 p53 -/	Human colon adenocarcinoma cell line deficient of p53		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. Ren et al., J. Biol. Chem., Apr 2016; 291: 9629 - 9637	<a href="#">Link</a>
HCT116 p53 -/	Human colon adenocarcinoma cell line deficient of p53		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	X. Zhou et al., J. Biol. Chem., Jul 2013; 288: 21793 - 21801	<a href="#">Link</a>
HD-11	Chicken leukaemic macrophage cell line		Chicken	Immune System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	H. Berberich et al., FEBS Open Bio, 2017, 7: 1909-1923, doi:10.1002/2211-5463.12323	<a href="#">Link</a>
hDPC	Human dental pulp cells		Human	Digestive Organs	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S.-J. Park, PhD Thesis, 2017, Seoul National University	<a href="#">Link</a>
hDPC	Human dental pulp cells		Human	Digestive Organs	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	Y.-M. Seo et al., Scientific Reports, 7: 11283, DOI:10.1038/s41598-017-11641-y	<a href="#">Link</a>
hDPC	Human primary dental pulp cells		Human	Digestive Organs	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	Y.-M. Seo et al., Sci. Reports, 2021, 7: 11283, DOI:10.1038/s41598-017-11641-y	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
hDPC	Human primary dental pulp cells		Human	Digestive Organs	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	Y. S. Lee et al., Materials, 2020, 13: 4618, doi:10.3390/ma13204618	<a href="#">Link</a>
hDPC	Human dental pulp cells		Human	Digestive Organs	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	Y. S. Lee et al., Materials, 2020, 13, 4618, doi:10.3390/ma13204618	<a href="#">Link</a>
HEC-1A	Human endometrial carcinoma cell line	ATCC HTB-112	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	H. Kiaris et al., PNAS, Aug 2003; 100: 9512 - 9517	<a href="#">Link</a>
HECa10	Mouse endothelial cells of peripheral lymph nodes		Mouse	Immune System	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">K2 Transfection System</a>	P. Janus et al., Cell Death & Differentiation, 2020, 27: 2280-2292, doi.org/10.1038/s41418-020-0501-8	<a href="#">Link</a>
HEK RXFP1	Human embryonic kidney cell line, stably expressing RXFP1		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. L. Halls et al., J. Pharmacol. Exp. Ther., Jan 2007; 320: 281 - 290	<a href="#">Link</a>
HEK RXFP1	Human embryonic kidney cell line, stably expressing RXFP1		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. L. Halls et al., Mol. Pharmacol., Jul 2006; 70: 214 - 226.	<a href="#">Link</a>
HEK RXFP2	Human embryonic kidney cell line, stably expressing RXFP1		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. L. Halls et al., J. Pharmacol. Exp. Ther., Jan 2007; 320: 281 - 290	<a href="#">Link</a>
HEK RXFP2	Human embryonic kidney cell line, stably expressing RXFP1		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. L. Halls et al., Mol. Pharmacol., Jul 2006; 70: 214 - 226.	<a href="#">Link</a>
HEK-sGC	Human embryonic kidney cell line, stably expressing human sGC (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Meurer et al., Circ. Res., Jul 2009; 105: 33 - 41	<a href="#">Link</a>
HEK-TetOn	Human embryonic kidney cell line stably, expressing the tetracycline transactivators (TetON)		Human	Urinary System	Cell Line	Adherent			<a href="#">Metafectene</a>	L. Zhuang et al., Archives of Biochemistry and Biophysics, 2017, 625-626: 54-64, http://dx.doi.org/10.1016/j.abb.2017.06.002	
HEK-TetOn	Human embryonic kidney cell line stably, expressing the tetracycline transactivators (TetON)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	F. Steinberg et al., J. Biol. Chem., Nov 2010; 285: 37704 - 37715	<a href="#">Link</a>
HEK/DOR	Human embryonic kidney cell line stably expressing DOR (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. A. Eisinger et al., Mol. Pharmacol., Feb 2011; 79: 326 - 335	<a href="#">Link</a>
HEK/DOR	Human embryonic kidney cell line stably expressing DOR (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	D. A. Eisinger et al., J. Biol. Chem., Dec 2009; 284: 34819 - 34828	<a href="#">Link</a>
HEK/DOR	Human embryonic kidney cell line stably expressing DOR (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	D. A. Eisinger et al., J. Biol. Chem., Dec 2009; 284: 34819 - 34828	<a href="#">Link</a>
HEK/DOR	Human embryonic kidney cell line stably expressing DOR (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	D. A. Eisinger et al., Mol. Pharmacol., Feb 2011; 79: 326 - 335	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	A. Avinó et al., Protocols in Nucleic Acid Chemistry, 2020, 77: e78, doi: 10.1002/cpnc.78	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	miRNA	Cotransfection (Plasmid/miRNA)	<a href="#">K2 Transfection System</a>	Z. Qian et al., Am. J. Physiol. Lung Cell Mol. Physiol., 2018, 315: L965-L976, doi: 10.1152/ajplung.00224.2018	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/miRNA)	<a href="#">K2 Transfection System</a>	Z. Qian et al., Am. J. Physiol. Lung Cell Mol. Physiol., 2018, 315: L965-L976, doi: 10.1152/ajplung.00224.2018	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/miRNA)	<a href="#">K2 Transfection System</a>	Z. Qian et al., Am. J. Physiol. Lung Cell Mol. Physiol., 2018, 315: L965-L976, doi: 10.1152/ajplung.00224.2018	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	miRNA	Cotransfection (Plasmid/miRNA)	<a href="#">K2 Transfection System</a>	Z. Qian et al., Oncotarget, 2016, 7 (34): 54998	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">K2 Transfection System</a>	S.Y. Kim et al., J. of Cell Science, 2019, 132, jcs228940, doi:10.1242/jcs.228940	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">K2 Transfection System</a>	V. Morales-Garcia et al., FEBS Open Bio 10, 2020, 2541-2552, doi:10.1002/2211-5463.12987	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	R. Roman et al., J. of Biotechnology, 2016, 239: 57-60, doi.org/10.1016/j.jbiotec.2016.10.005	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	M. F. Fjellidal et al., Pharmacol. Res. Perspect., 2019, e00480, DOI: 10.1002/prp2.480	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">K4 Transfection System</a>	A.Y. Benkherouf et al., Activity. Front. Neurosci., 2020, 14: 594708, doi: 10.3389/fnins.2020.594708	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	miRNA	Cotransfection (Plasmid/miRNA)	<a href="#">Metafectene</a>	R. Feederle et al., J. Virol., Oct 2011; 85: 9801 - 9810	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/miRNA)	<a href="#">Metafectene</a>	R. Feederle et al., J. Virol., Oct 2011; 85: 9801 - 9810	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	A. Dietrich et al., J. Biol. Chem., Nov 2003; 278: 47842 - 47852	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	J. Haar et al., Nucleic Acids Res., Feb 2016; 44: 1326 - 1341	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	X. Lin et al., PLoS Pathog, 2015, 11(12): e1005344, doi:10.1371/journal.ppat.1005344	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	A. Dominguez-Mejide et al., Neurobiology of Disease, 2021, 151: 105256, doi.org/10.1016/j.nbd.2021.105256	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	J. Haar et al., Nucleic Acids Res., Feb 2016; 44: 1326 - 1341	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	Z. Li et al., Nature Microbiology, 2019, 4: 2475-2486, doi.org/10.1038/s41564-019-0546-y	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	Z. Li et al., Nature Microbiology, 2019, 4: 2475-2486, doi.org/10.1038/s41564-019-0546-y	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	O. N. Kuvardina et al., Oncotarget, 2017, 8 (42): 71685-71698	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	J. Schulz et al., Scientific Reports, 2018, 8: 2395, DOI:10.1038/s41598-018-19201-8	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	M.-J. Stahnke et al., Cellular Signalling, 2014, 26 :1792-1799doi.org/10.1016/j.celsig.2014.04.006	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	M.-J. Stahnke et al., Cellular Signalling, 2014, 26 :1792-1799doi.org/10.1016/j.celsig.2014.04.006	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene</a>	A. de Araujo Brasil et al., PNAS, 2019, 116, 51: 25991-26000, doi/10.1073/pnas.1902483116	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene</a>	J. Ohnheiser et al., Biochim. et Biophys. Acta, 2015, 1853: 1564-1573; doi.org/10.1016/j.bbamcr.2015.03.008	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	A. Breit et al., J. Biol. Chem., Dec 2006; 281: 37447 - 37456	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	A. Breit et al., J. Biol. Chem., Dec 2006; 281: 37447 - 37456	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	W. I. DeHaven et al., J. Physiol., 2009, 587.10, 2275-2298	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	B. Wedel et al., J. Physiol., 2007, 579.3, 679-689	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	J.V. Vyakhireva et al., BULLETIN OF RSMU, 2017, 3:17-29	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	E. K. Butler et al., PLoS Genetics, 2012, 8 (2): e1002488, doi:10.1371/journal.pgen.1002488	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	Z. Timsah et al., Nature Struct. & Mol. Biol., 2014, 21(2), doi:10.1038/nsmb.2752	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	J. C. Mercer et al., J. Biol. Chem., Aug 2006; 281: 24979 - 24990	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	T. R. H. Büch et al., J. Biol. Chem., Sep 2009; 284: 26411 - 26420	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	H. J. Solinski et al., Mol. Pharmacol., Aug 2010; 78: 249 - 259	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	O. Gires et al., Anticancer Res, Nov 2004; 24: 3715 - 3722	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	A. de Araujo Brasil et al., PNAS, 2019, 116, 51: 25991-26000, doi/10.1073/pnas.1902483116	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	A. de Araujo Brasil et al., PNAS, 2019, 116, 51: 25991-26000, doi/10.1073/pnas.1902483116	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	M. Iyori et al., Antimicrob. Agents Chemother., Jan 2008; 52: 121 - 127	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	S. Scherer et al., ImmunoHorizons , 2018, 2(10): 324-337; doi.org/10.4049/immunohorizons.1800065	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	B. C. Viertlboeck et al., J. Immunol., Jun 2009; 182: 6985 - 6992	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	S. Scherer et al., Dev. Comp. Immunol., 2018, 82 :128-138, doi: 10.1016/j.dci.2018.01.014	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	W. Neuhofer et al., Frontiers in Physiol., 5 , article 123, doi: 10.3389/fphys.2014.00123	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	D. Wang et al., Mol. Pharmacol., Jun 2005; 67: 2173 - 2184	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	J. Zuo et al., J. Virol., Feb 2011; 85: 1604 - 1614	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	Z. Cao et al., Traffic., 2019, 20: 357-368, doi: 10.1111/tra.12642	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	M. Bencun, Ruperto-Carola University of Heidelberg	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	bacmid	Virus Production	<a href="#">Metafectene</a>	D. G. van Zyl, Dissertation, 2018, Ruperto-Carola University of Heidelberg	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	A. Shumilov et al., Nature Communications, 8:14257, DOI: 10.1038/ncomms14257	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	Z. Li et al., Nature Microbiology, 2019 , 4: 2475-2486, doi.org/10.1038/s41564-019-0546-y	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	J. P. Tanksley et al., PLoS ONE, 2013, 8 (11) : e81514, doi:10.1371/journal.pone.0081514	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	M. YuA et al., Bulletin of RSMU, 2017, 3: 35-42, VESTNIKRGMU.RU	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	H.Li et al., PLOS ONE, 2016; DOI:10.1371/journal.pone.0167908	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	M.-H. Tsai et al., Oncotarget, 2017, 8 (6): 10238-10254	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	J. Haar et al., Nucleic Acids Res., Feb 2016; 44: 1326 - 1341	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	X. Lin et al., PLoS Pathog, 2015, 11(12): e1005344. doi:10.1371/journal.ppat.1005344	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	R.-W. Guo et al., Cardiovasc Res, Mar 2009; 81: 660 - 668	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	S. Meurer et al., Circ. Res., Jul 2009; 105: 33 - 41	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	S. Meurer et al., Circ. Res., Jul 2009; 105: 33 - 41	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	E. Abdulkerim, Dissertation, 2014, Gottfried Wilhelm Leibniz Universitaet Hannover	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	M. Ansems et al., J Natl Cancer Inst, Jan 2010; 102: 54 - 68	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	C. Karl et al., J Neurochemistry, 2005, 92, 264-282	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	J. Kovalcikova et al., FASEB J., 2019, 33: 14103-14117, doi: 10.1096/fj.201900685RR	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	H. K. Arnold et al., Mol. Cell. Biol., Apr 2006; 26: 2832 - 2844	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	S. Yoo et al., EMBO J., Apr 2011; 30: 1593 - 1607	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	J. Shin et al., Mol. Cell. Biol., Dec 2007; 27: 8113 - 8126	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	N. Kawai et al., Eur. J. Biochem. 270, 4459-4468 (2003)	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	O. N. Kuvardina et al., Blood, Jun 2015; 125: 3570 - 3579	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	C. Sager et al., J. Biol. Chem., Nov 2009; 284: 32413 - 32424	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	V. Chubanov et al., PNAS, Mar 2004; 101: 2894 - 2899	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	E. K. Butler et al., PLoS Genetics, 2012, 8 (2): e1002488, doi:10.1371/journal.pgen.1002488	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	M. Granato et al., J. Virol., Nov 2014; 88: 12715 - 12726.	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	A. I. Mendes et al., J. Biol. Chem., Dec 2010; 285: 39117 - 39126	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	J. Bräunig et al., Frontiers in Pharmacology, 2018, 9:222, doi: 10.3389/fphar.2018.00222	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	A.-K. Wernter et al., Eur. J. Endocrinol., Jun 2005; 152: 851 - 862	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	A.-K. Wernter et al., Eur. J. Endocrinol., Jun 2005; 152: 851 - 862	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	M. Mikosch et al., Plant Physiology, Nov 2006; 142: 923 - 930	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	K. Albert et al., Mol. Therapy, 2021, 29: 9, doi.org/10.1016/j.ymthe.2021.04.035	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	J. Btesh et al., J. Neurosci., May 2013; 33: 9184 - 9193	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	I. Walliser et al., Developmental & Comparative Immunology, August 2017, 73: 27-35	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	M. Pietrzak et al., J. Mol. Endocrinol., Sep 2008; 41: 177 - 186	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	N. Buettner et al., J. Gen. Virol., Jan 2010; 91: 220 - 227	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	Z. Timsah et al., Nature Struct. & Mol. Biol., 2014, 21(2), doi:10.1038/nsmb.2752	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	L. Rampoldi et al., Hum. Mol. Genet., Dec 2003; 12: 3369 - 3384	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	G. Dittmar et al., biorxiv, 2017, doi.org/10.1101/238709	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	M. Seo et al., PNAS, Aug 2015; 112: E4246 - E4255	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	B. Samardžija et al., J. Pers. Med., 2021, 11: 1070, doi.org/10.3390/jpm11111070	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	H. Noh et al., Development, Feb 2016; 143: 461 - 472	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	A. Aïchem et al., J. Cell Sci., Jul 2006; 119: 2892 - 2902	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	T. Hornemann et al., J. Biol. Chem., Dec 2006; 281: 37275 - 37281	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	C. Zhu et al., J. Am. Soc. Nephrol., Dec 2016, 27, 3678 - 3689	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	G. Sodaro et al., Oncotarget, 2018, 9 (3): 3417-3431	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	K. M. Heppner et al., Diabetes, Jan 2014; 63: 122 - 131	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	S. Matsuda et al., J. Biol. Chem., Oct 2003; 278: 38601 - 38606	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	P. M. Benz et al., J. Cell Sci., Nov 2009; 122: 3954 - 3965	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	E. Kowenz-Leutz et al., EMBO J., Mar 2010; 29: 1105 - 1115	<a href="#">Link</a>



CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	siRNA		<a href="#">Metafectene</a>	J. Kovalickova et al., FASEB J., 2019, 33: 14103-14117, doi: 10.1096/fj.201900685RR	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	O. N. Kuvardina et al., Oncotarget, 2017, 8 (42): 71685-71698	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	V. Ravarotto, PhD Thesis, 2018, Universita degli Studi di Padova	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	E. Kowenz-Leutz et al., EMBO J., Mar 2010; 29: 1105 - 1115	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Udawela et al., Mol. Pharmacol., Nov 2006; 70: 1750 - 1760	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Körber et al., J. Neurosci., Aug 2007; 27: 8442 - 8447	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Courtial et al., PLoS ONE, 2013, 8(9): e76637, doi:10.1371/journal.pone.0076637	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Ansems et al., The Prostate, 2012, 72: 1708-1717, DOI 10.1002/pros.22522	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Courtial et al., PLoS ONE, 2013, 8(9): e76637, doi:10.1371/journal.pone.0076637	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Dinter et al, J. Mol. Endocrinol., May 2015; 54: 205 - 216	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. P. Karpinar et al., EMBO J., Oct 2009; 28: 3256 - 3268	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Mühlhaus et al., Frontiers in Pharmacology, doi: 10.3389/fphar.2017.00807	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Schinzel et al., J. Cell Biol., Mar 2004; 164: 1021 - 1032	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Tinschert et al., Nephrol. Dial. Transplant., Dec 2004; 19: 3150 - 3154	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Raafat et al., Toxicol. Sci., Nov 2010; 118: 171 - 182	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Couillard-Despres et al., 2014, US 8,841,430	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Zhu et al., J. Am. Soc. Nephrol., May 2016; 10.1681/ASN.2015121367	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Tenreiro et al., Hum. Mol. Genet., Jan 2016; 25: 275 - 290	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Couillard-Despres et al., 2014, US 8,841,430	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Zhu et al., J. Am. Soc. Nephrol., May 2016; 10.1681/ASN.2015121367	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Hontelez et al., J. Immunol., Apr 2013; 190: 3172 - 3179	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Elter et al., J. Biol. Chem., Mar 2007; 282: 8786 - 8792	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	X. Pedragosa-Badia et al., J. Biol. Chem., Feb 2014; 289: 5846 - 5859	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. El-Shemerly et al., Nucleic Acids Res., Feb 2008; 36: 511 - 519	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene EASY</a>	P. Otahal et al., Oncoimmunology, 5:4, e1115940; DOI:10.1080/2162402X.2015.1115940	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	T. Kopp et al., Human and Experimental Toxicology, Feb 2015; 10.1177/0960327115569811	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	T.I. Kopp et al., Human and Experimental Toxicology, Nov 2015; 34: 1106 - 1118	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Genital Tract	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	J. Elvenes et al., PLoS ONE, 2011, 6(9): e24659, doi:10.1371/journal.pone.0024659	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	S. Sperduti et al., Int. J. Mol. Sci., 2019, 20, 5548, doi:10.3390/ijms20225548	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	M. Ahn et al., Human Gene Ther. Methods, 2012, 24: 1-10, DOI: 10.1089/hgtb.2012.198	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	D. Bierer et al., US20180022780A1	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	J.-C. Park et al., 2017, US 2017/0100458 A1	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	N. Perakakis et al., Mol. and Cell. Endocrinology, 2012, 363(1-2): 20, DOI : 10.1016/j.mce.2012.07.003	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	A. Kaiser et al., Cell. and Mol. Life Sciences, 2019, doi.org/10.1007/s00018-019-03432-7	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	L. Riccetti et al., Molecular Human Reproduction, 2017, 23 (10): 685-697, doi: 10.1093/molehr/gax047	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	D. P. Reguera et al., Cells, 2020, 9: 443, doi:10.3390/cells9020443	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene PRO</a>	D. P. Reguera et al., Cells, 2020, 9: 443, doi:10.3390/cells9020443	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent		CRISPR	<a href="#">Metafectene PRO</a>	S. Kumar et al., Dev. Cell., 2019, 49(1): 130-144.e6., doi:10.1016/j.devcel.2019.01.027.	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent		CRISPR	<a href="#">Metafectene PRO</a>	S. Kumar et al., Dev. Cell., 2019, 49(1): 130-144.e6., doi:10.1016/j.devcel.2019.01.027.	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	M. Ahn et al., Human Gene Ther. Methods, 2012, 24: 1-10, DOI: 10.1089/hgtb.2012.198	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	E. Werwein et al., Nucleic Acids Res., 2019, Vol. 47, 1: 103-121, doi: 10.1093/nar/gky935	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	E. Werwein et al., Nucleic Acids Res., 2019, 47(1): 103-121, doi: 10.1093/nar/gky935	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	S. Kim et al., Nature Communications, 2019, 10:4898, doi.org/10.1038/s41467-019-12910-2	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	J.-C. Park et al., 2017, US 2017/0100458 A1	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	M. I. K. Hamad et al., Development, Apr 2014; 141: 1737 - 1748	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	A. Pálvölgyi et al., Cellular Signalling, 2018, doi:10.1016/j.cellsig.2018.08.010	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	S. Pankiv et al., J. Cell Biol., Jan 2010; 188: 253 - 269	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	A. Lünemann et al., J. Immunol., Nov 2013; 191: 4989 - 4995	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	M. N. Garas et al., Acta naturae, 2014, 6, 2 (21): 95-105	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	M. Boergesen et al., J. Biol. Chem., Apr 2011; 286: 13214 - 13225	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	H. Ma, Dissertation, 2013, Washington University in St. Louis	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	A. Jud et al., Oncotarget, 2017, 8 (4): 6130-6141	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. Kovaříčková et al., PhD Thesis, 2018, Univerzita Karlova	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. Masiá-Balagué et al., J. Biol. Chem., Jun 2015; 290: 15197 - 15209	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. Jain et al., J. Biol. Chem., Jul 2010; 285: 22576 - 22591	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. Pretze et al., J. Med. Chem., 2016, 59: 9855-9865; DOI:10.1021/acs.jmedchem.6b01191	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	L. Hoa et al., Cellular Signalling, 2016, 28: 488-497; doi.org/10.1016/j.cellsig.2016.02.012	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H.-K. Lee et al., J. Biol. Chem., Oct 2014; 289: 28225 - 28236	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	O. H. Jung, Seoul National University	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	T. Mracek et al., J. Endocrinol., Feb 2010; 204: 165 - 172	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	F. Askarian et al., J. Innate Immun., 2014, 6: 485-498, DOI: 10.1159/000357618	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H. L. Olsvik et al., J. Biol. Chem., Dec 2015; 290: 29361 - 29374	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	E. Mass, Dissertation, 2013, Rheinische Friedrich-Wilhelms-Universität Bonn	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	C. Moreno et al., Cardiovasc. Res, Sep 2015; 107: 613 - 623	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	V. Dertic et al., US 9572820B2	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	X. Pedragosa-Badia et al., J. Biol. Chem., Feb 2014; 289: 5846 - 5859	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	L. Riccetti et al., Scientific Reports, 7:940, DOI:10.1038/s41598-017-01078-8	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. V. Maganti et al., J. Biol. Chem., Apr 2015; 290: 9812 - 9822	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	T. Bjornetro, Master Thesis, 2014, Norwegian University of Science and Technology	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. Trefler et al., The FASEB Journal, October 2017, article f1.201700763R, DOI: 10.1096/fj.201700763R	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	R. Yvinec et al., Methods in Mol. Biol., 2018, arXiv:1807.11811	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	N. Dominguez et al., FASEB J, Nov 2014; 28: 4657 - 4667	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	E. Castillo-Gómez, Molecular Psychiatry, 2017, 22:1776-1784, doi:10.1038/mp.2016.125	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	T. Ramming, Dissertation, 2014, Universität Basel	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	F. Seymen et al., Journal of Dental Research, Jun 2015; 10.1177/0022034515590569	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H. C. Kim et al., SLAS Discovery, 2017, 22 (8): 1053 -1059, doi.org/10.1177/2472555217699823	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. A. Mazur et al., Diabetes, Aug 2013; 62: 2834 - 2842	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	R. Martínez-Marmol et al., Cell. Mol. Life Sci., 2016, 73:1515-1528; DOI 10.1007/s00018-015-2082-0	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	V. Sankov et al., Prog. on Chem. and App. of Chitin and its Derivatives, 2017, 22: 190-200, DOI: 10.15259/PCACD.22.19	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. F. Beltrán, Ruhr Universität Bochum	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H.-K. Lee et al., J. Biol. Chem., 2014, 289 (41): 28225-28236, DOI 10.1074/jbc.M114.568691	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	F. Seymen et al., J. Dental Res., Aug 2015; 94: 1063 - 1069	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	L. Solé et al., J. Cell Sci., Nov 2016, 129, 4265 - 4277	
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	D. Flügel et al., Blood, 2012, 119(5):1292-1301, doi:10.1182/blood-2011-08-375014	<a href="#">Link</a>
HEK293	Human embryonic kidney cell line	ATCC CRL-1573	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	S. M. Usmani et al., Cell. Microbiology, 2012, 14(3): 299-315, doi:10.1111/j.1462-5822.2011.01724.x	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
HEK293 EBNA	Human embryonic kidney cell line stably expressing Epstein-Barr viral nuclear antigen (EBNA) (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Granato et al., J. Virol., Nov 2014; 88: 12715 - 12726.	<a href="#">Link</a>
HEK293 EBNA1	Human embryonic kidney cell line stably expressing Epstein-Barr viral nuclear antigen 1 (EBNA1) (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	O. Gires et al., Anticancer Res, Nov 2004; 24: 3715 - 3722	<a href="#">Link</a>
HEK293-D2085	Human embryonic kidney cell line		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	V. Mordasini et al., Oncotarget, 2017, 8 (4): 6461-6474	<a href="#">Link</a>
HEK293-rB95.5	Human embryonic kidney cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	J. Rac et al., PLoS ONE, 2015, 10(4): e0123645; doi:10.1371/journal.pone.0123645	<a href="#">Link</a>
HEK293-rB95.5	Human embryonic kidney cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	J. Rac et al., PLoS ONE, 2015, 10(4): e0123645; doi:10.1371/journal.pone.0123645	<a href="#">Link</a>
HEK293N	Human embryonic kidney cell line		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. Bourquard et al., J. Immunol., 2018, j11701722, DOI: https://doi.org/10.4049/jimmunol.1701722	
HEK293S	Human embryonic kidney cell line		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	C.-Y. Lin et al., PLoS ONE, 2015, 10(4): e0123562; doi:10.1371/journal.pone.0123562	<a href="#">Link</a>
HEK293TN	Human embryonic kidney cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
HEK293TN	Human embryonic kidney cell line (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	F. Walter, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
HEKT Epac-S-H	Human embryonic kidney cell line, SV40 large T antigen inserted (derivative of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	A. Rodriguez Gonzalez et al., The FEBS J., 2020, 288:229-243, doi:10.1111/febs.15344	
HEKT Epac-S-H	Human embryonic kidney cell line, SV40 large T antigen inserted (derivative of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	C. I. McCarthy et al., J. Gen. Physiol., 2020, 152, 5: e201912492, doi.org/10.1085/jgp.201912492	<a href="#">Link</a>
HEKT Epac-S-H	Human embryonic kidney cell line, SV40 large T antigen inserted (derivative of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	E. Echeverría et al., Front. Pharmacol., 2020, 11: 113, doi: 10.3389/fphar.2020.00113	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	M. M. M. Enriquez ez al., PLoS ONE 13(11): e0206818, doi.org/10.1371/journal.pone.0206818	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	B. Anayat, Dissertation, 2021, University Konstanz	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	A. Avinó et al., Protocols in Nucleic Acid Chemistry, 2020, 77: e78, doi: 10.1002/cpnc.78	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	E. Aubets et al., Int. J. Mol. Sci., 2021, 22 (18): 10025, doi: 10.3390/ijms221810025	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">K2 Transfection System</a>	C. D. Zappia et al., Scientific Reports, 2015, 5:17476, DOI: 10.1038/srep17476	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	peptide		<a href="#">K2 Transfection System</a>	L. Iarriccio et al., PLOS ONE, 2015, DOI: 10.1371/journal.pone.0142980	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	N. Liu, Albert-Ludwigs-Universität Freiburg	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	N. Liu, Albert-Ludwigs-Universität Freiburg	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	E. Echeverría et al., Life Sciences, 2019, 239, 116872, doi.org/10.1016/j.lfs.2019.116872	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	I. Sargiannidou et al., Neurogenetics, 2015, DOI 10.1007/s10048-015-0442-4	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	D. Kuchenov, Dissertation, 2019, University of Heidelberg	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	J. Schulz et al., Scientific Reports, 2018, 8: 2395, DOI:10.1038/s41598-018-19201-8	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	K. Wethmar et al., <i>Oncogene</i> , 2016, 35:1736-1742; doi:10.1038/nc.2015.233	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	A. Raturi et al., <i>J. Cell Biol.</i> , Aug 2016; 214, 433 - 444	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	V. Pfaumann et al., <i>Cellular Microbiology</i> , (2015), 17(4): 579-594; doi:10.1111/cmi.12386	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	X. M. M. Weyel, Dissertation, 2018, Goethe- Universität in Frankfurt am Main	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	X. M. M. Weyel, Dissertation, 2018, Goethe- Universität in Frankfurt am Main	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	M. G. Theis et al., <i>PNAS</i> , Aug 2004; 101: 11221 - 11226	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	C. Benincá et al., <i>J. Med. Genet.</i> , 2021, 58: 155-167, doi:10.1136/jmedgenet-2020-106861	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	V. Mikat et al., <i>RNA</i> , Dec 2007; 13: 2341 - 2347	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	C. T. Hellwig et al., <i>J. Biol. Chem.</i> , Aug 2008; 283: 21676 - 21685	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	L. T. Jennelle, Dissertation, 2013, George Washington University	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	T.-H. Kang et al., <i>Mol. Cell. Biol.</i> , Dec 2007; 27: 8533 - 8546	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	S. de la Fuente et al., <i>Biochem. J.</i> , 2014, 458: 33-40, doi:10.1042/BJ20131025	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	L. Jennelle et al., <i>J. Biol. Chem.</i> , Oct 2014; 289: 28870 - 28884.	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	M. Pagano et al., 2014, US 8,778,905	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	X. M. M. Weyel, Dissertation, 2018, Goethe- Universität in Frankfurt am Main	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	A. Raturi et al., <i>J. Cell Biol.</i> , Aug 2016; 214, 433 - 444	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	J. H. Kim et al., <i>J. Biol. Chem.</i> , Jun 2006; 281: 15747 - 15756	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	S. de la Fuente et al., <i>Biochem. J.</i> , 2014, 458: 33-40, doi:10.1042/BJ20131025	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	C. T. Hellwig et al., <i>J. Biol. Chem.</i> , Aug 2008; 283: 21676 - 21685	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	S.-B. M. Varda et al., 2012, WO 2007/043049	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. Dietschy et al., <i>J. Cell Sci.</i> , Apr 2009; 122: 1258 - 1267	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Neumann-Giessen et al., <i>Biochem J.</i> , 2004, 509-5018	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Raturi et al., <i>J. Cell Biol.</i> , Aug 2016; 214, 433 - 444	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Sato et al., <i>Int. Immunol.</i> , Dec 2005; 17: 1543 - 1552	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Cohen et al., <i>Biochim. et Biophysica Acta</i> , 2013, 1833: 1104-1113, doi.org/10.1016/j.bbamcr.2012.12.021	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Hoffmeister et al., <i>J. Biol. Chem.</i> , Jan 2008; 283: 2297 - 2306	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M.-S. Jang et al., <i>J. Biol. Chem.</i> , Nov 2008; 283: 32344 - 32351	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	E. M. Lynes et al., <i>J. Cell Sci.</i> , Sep 2013; 126: 3893 - 3903	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	W. Kim et al., <i>J. Biol. Chem.</i> , 287 (8): 5278-5289, DOI 10.1074/jbc.M111.281709	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Duvezin-Caubet et al., <i>J. Biol. Chem.</i> , Dec 2006; 281: 37972 - 37979.	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	E. M. Lynes et al., <i>J. Cell Sci.</i> , Sep 2013; 126: 3893 - 3903	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Kobe de Oliveira et al., J. Biol. Chem., May 2007; 282: 13656 - 13663	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S.-B. Varda et al., 2012, EP 2 371 846	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	Z. Knust et al., Infect. Immun., May 2009; 77: 1835 - 1841	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	L. Rampoldi et al., Hum. Mol. Genet., Dec 2003; 12: 3369 - 3384	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. M. Nalaskowski et al., J. Biol. Chem., Feb 2011; 286: 4500 - 4510	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line		Plasmid		<a href="#">Metafectene</a>	F. J. Martínez-Sanz et al., Europ. J. of Med. Chem., 2016, 109: 114-123; doi.org/10.1016/j.ejmech.2015.12.043	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Haering, Dissertation, 2016, Ruhr University Bochum	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. W. Lee et al., EMBO J., Nov 2012; 31: 4441 - 4452	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	R. Berro et al., J. Virol., Apr 2006; 80: 3189 - 3204	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Ishizaki et al., Int. Immunol., May 2014; 26: 257 - 267	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	L. T. Jennelle, Dissertation, 2013, George Washington University	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Arias-del-Val, Cell Calcium, 2019, 77: 68-76, doi.org/10.1016/j.ceca.2018.12.004	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	L. Vay et al., J. Physiol., 2007, 580.1, 39-49	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Konopka et al., Cell Mol Biol Lett, Jan 2009; 14(1): 70-89	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. Sasazuki et al., J. Biol. Chem., Aug 2002; 277: 28853 - 28860	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Mukhamedova et al., J. Lipid Res., Nov 2008; 49: 2312 - 2322	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	H. Tanaka et al., FEBS Journal, 2016, 283: 662-677; doi:10.1111/febs.13618	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. T. Hellwig et al., J. Cell Sci., May 2010; 123: 1401 - 1406	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. G. Theis et al., PNAS, Aug 2004; 101: 11221 - 11226	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Dolde et al., Journal of Cell Science, 2018, 131, jcs207316, doi:10.1242/jcs.207316	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. C. Mayer et al., J. Immunol., Oct 2013; 191: 3594 - 3604	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Neumann-Giesen et al., J. Cell Sci., Feb 2007; 120: 395 - 406	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. C. Mayer et al., J. Immunol., Oct 2013; 191: 3594 - 3604	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	R. Boudra et al., Cell Cycle, 2016, 15: 10,1352-1362; DOI: 10.1080/15384101.2016.1166319	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	B. Blumenthal et al., Infect. Immun., Jul 2007; 75: 3344 - 3353	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	V. Mikat et al., RNA, Dec 2007; 13: 2341 - 2347	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Mahmoodi et al., IET Nanobiotechnol., 2017, 11 (8): 995-1004	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	V. Shoshan-Barmatz et al., 2014, US 8,648,045 (Patent)	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Stretton et al., Biochem. J., Sep 2015; 470: 207 - 221	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	H. Jin et al., Mol. Cell. Biol., Nov 2009; 29: 5789 - 5799	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line		Plasmid		<a href="#">Metafectene</a>	N. Cidlinsky et al., Cell Oncol., 2016, 39: 389-396; DOI 10.1007/s13402-016-0290-8	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Montero et al., J. Biol. Chem., Dec 2003; 278: 49972 - 49979	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M.-S. Jang et al., Cancer Res., Dec 2011; 71: 7207 - 7215	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D.W. Chen et al., In: C. Boon, J. Wijnholds (eds) Retinal Gene Therapy. Methods in Molecular Biology, 2018, 1715, Humana Press, NY	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M.-W. Jeong et al., Mol. Biol. Cell, Feb 2013; 24: 373 - 384	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	L. Silvestri et al., Blood, May 2007; 109: 4503 - 4510	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T.-H. Kang et al., Mol. Cell. Biol., Dec 2007; 27: 8533 - 8546	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	R. Murotomoto et al., Int. Immunol., Mar 2008; 20: 395 - 403	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	miRNA	Cotransfection (Plasmid/miRNA)	<a href="#">Metafectene EASY</a>	R. Hrdlickova et al., PLoS ONE, 2014, 9(2): e86990, doi:10.1371/journal.pone.0086990	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene EASY</a>	R. Hrdlickova et al., PLoS ONE, 2014, 9(2): e86990, doi:10.1371/journal.pone.0086990	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene EASY</a>	M. De Luca et al., J. Cell Sci., Jun 2014; 127: 2697 - 2708	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene EASY</a>	M. De Luca et al., J. Cell Sci., Jun 2014; 127: 2697 - 2708	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene EASY</a>	M. De Luca et al., J. Cell Sci., Jun 2014; 127: 2697 - 2708	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	S. Gebremedhin et al., Biophysical J., 2014, 106(2): 625a	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	L. Cogli et al., Acta Neuropathol, 2013, 125: 257-272, DOI 10.1007/s00401-012-1063-8	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	E. Roscioli et al., J. Cell Biol., Feb 2012; 196: 435 - 450	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	I. Park et al., Endocrinol. Metab., 2014, 29: 379-387, doi.org/10.3803/EnM.2014.29.3.379	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent		CRISPR	<a href="#">Metafectene PRO</a>	S. Kumar et al., Dev. Cell., 2019, 49(1): 130-144.e6, doi:10.1016/j.devcel.2019.01.027.	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene PRO</a>	A. J. Jakobi et al., Nature Communications, 2020, 11: 440, doi.org/10.1038/s41467-020-14343-8	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene PRO</a>	Y. P. Abudu et al., J. Cell Biol., 2021, 220 (8): e202009092, doi: 10.1083/jcb.202009092	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene PRO</a>	A.J. Jakobi et al., Nature Communications, 2020, 11: 440, doi.org/10.1038/s41467-020-14343-8	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	P. Wolter et al., J. Cell Sci., May 2012; 125: 2393 - 2406	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	K. Klement et al., J. Cell Biol., Dec 2014; 207: 717 - 733	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	L. Wedeken et al., J. Biol. Chem., Dec 2011; 286: 42855 - 42862.	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	M. De Luca et al., J. Cell Sci., Jun 2014; 127: 2697 - 2708	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	P. Hubel et al., Nature Immunology, 2019, 20: 493-502, https://doi.org/10.1038/s41590-019-0323-3.	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	S. Cohen et al., Biochim. et Biophysica Acta, 2013, 1833: 1104-1113, doi.org/10.1016/j.bbamcr.2012.12.021	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	E. Pesarchuk, 2016, Dissertation, University of Vancouver	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	D. Marotta, PhD Thesis, 2015, University College London	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line		Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	R. Martnez-Marmol et al., Cell. Mol. Life Sci., 2016, 73:1515-1528; DOI 10.1007/s00018-015-2082-0	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	S. Pankiv et al., J. Cell Biol., Jan 2010; 188: 253 - 269	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	M. De Luca et al., J. Cell Sci., Jun 2014; 127: 2697 - 2708	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	bacmid	Stable Transfection	<a href="#">Metafectene PRO</a>	C. Heissenberger et al., Nucleic Acids Res., 2019, 47, 22: 11807-11825, doi: 10.1093/nar/gkz1043	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	A. Fathinajafabadi et al., PLoS ONE, 2014, 9(2): e87898, doi:10.1371/journal.pone.0087898	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	Y. P. Abudu et al., J. Cell Biol., 2021, 220 (8): e202009092, doi: 10.1083/jcb.202009092	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	Y. P. Abudu et al., J. Cell Biol., 2021, 220 (8): e202009092, doi: 10.1083/jcb.202009092	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	K. Estrada, JAMA, 2014, 311(22): 2305-2314; doi:10.1001/jama.2014.6511	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. Jain et al., J. Biol. Chem., Jul 2010; 285: 22576 - 22591	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	K. Fortschegger et al., Mol. Cancer Res., Apr 2014; 12: 595 - 606	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	L. Cogli et al., Acta Neuropathol, 2013, 125: 257-272, DOI 10.1007/s00401-012-1063-8	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. G. Aluigi et al., Eur J Histochem, Oct 2007; 51(4): 301-4	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	V. De Leo et al., Toxicol. Res., 2017, 6: 947, DOI: 10.1039/c7tx00172	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	E. Bartova et al., Protoplasma, 2017, 254: 2035-2043, DOI 10.1007/s00709-017-1076-1	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S. Gebremedhin et al., Biophysical J., 2014, 106(2): 625a	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	R. Romano et al., Cell. and Mol. Life Sci., 2021, 78: 351-372, 78:351-372, doi.org/10.1007/s00018-020-03510-1	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	T. M. Nthiga et al., J. Cell Biol., 2021, 220, 6, doi.org/10.1083/jcb.202006128	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	K. Klement et al., J. Cell Biol., Dec 2014; 207: 717 - 733	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. R. Spinoso et al., J. Neurosci., Feb 2008; 28: 1640 - 1648	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	E. N. Kozlov et al., Viruses, 2018, 10: 370, doi:10.3390/v10070370	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. Suchánková et al., Europ. J. of Histochemistry, 2014; 58:2389, doi: 10.4081/ejh.2014.2389	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H. L. Olsvik et al., J. Biol. Chem., Dec 2015; 290: 29361 - 29374	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S. Roesch et al., Int. J. Mol. Sci., 2018, 19, 209	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	L. Najmi, PhD Thesis, 2018, University of Bergen	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	C. Maucksch et al., Nucleic Acids Res., Oct 2008; 36: 5462 - 5471	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	miRNA		<a href="#">Metafectene PRO</a>	S. Demir, Master Thesis, 2012, Izmir Institute of Technology	
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	R. Costa., Front. Cell Dev. Biol., 2020, 8: 607080, doi: 10.3389/fcell.2020.607080	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	E. Bernardinelli et al., PLoS ONE, doi.org/10.1371/journal.pone.0179591	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. Arias del Val, PhD Thesis, 2018, Universidad de Valladolid	<a href="#">Link</a>



CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	A. M. Giudetti et al., BBA, 2020, 1865, doi.org/10.1016/j.bbali.2020.158805	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	R. Romano et al., Cell. and Mol. Life Sci., 2021, 78: 351-372, 78:351-372, doi.org/10.1007/s00018-020-03510-1	<a href="#">Link</a>
HeLa	Human cervix adenocarcinoma cell line	ATCC CCL-2	Human	Genital Tract	Cell Line	Adherent	miRNA		<a href="#">Metafectene SI</a>	S. Smith, JCI Insight, 2018, 3(15): e120798, doi.org/10.1172/jci.insight.120798	<a href="#">Link</a>
HeLa CIITA	Human cervix adenocarcinoma cell line, stably expressing the MHC class II transactivator CIITA		Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	F. Kirchhoff et al., J. Virol., Jul 2004; 78: 6864 - 6874.	<a href="#">Link</a>
HeLa CIITA	Human cervix adenocarcinoma cell line, stably expressing the MHC class II transactivator CIITA		Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Brenner et al., J. Virol., May 2006; 80: 4469 - 4481	<a href="#">Link</a>
HeLa CIITA	Human cervix adenocarcinoma cell line, stably expressing the MHC class II transactivator CIITA		Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Schindler et al., J. Virol., Oct 2004; 78: 10588 - 10597	<a href="#">Link</a>
HeLa CIITA	Human cervix adenocarcinoma cell line, stably expressing the MHC class II transactivator CIITA		Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Schindler et al., J. Virol., Oct 2003; 77: 10548 - 10556	<a href="#">Link</a>
HeLa CIITA	Human cervix adenocarcinoma cell line, stably expressing the MHC class II transactivator CIITA		Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Münch et al., J. Virol., Aug 2005, 79 (16), 10547-10560	<a href="#">Link</a>
HeLa-229	Human cervix adenocarcinoma cell line (derivat of HeLa)		Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	D. Kaul et al., Blood Cells, Molecules and Diseases, 2015, 55: 89-93, doi.org/10.1016/j.bcmd.2015.05.001	
HeLa-229	Human cervix adenocarcinoma cell line (derivat of HeLa)		Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	D. Kaul et al., Blood Cells, Molecules and Diseases, 2015, 55: 89-93, doi.org/10.1016/j.bcmd.2015.05.001	
HeLa-229	Human cervix adenocarcinoma cell line (derivat of HeLa)		Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	A. Garg et al., Blood Cells, Molecules and Diseases, 2015, 55: 248-254, doi.org/10.1016/j.bcmd.2015.07.009	
HeLa-ABCA1-G	Human cervix adenocarcinoma cell line (derivat of HeLa)		Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Mukhamedova et al., Methods Mol. Biol., 2016 ; 1354: 281-292; doi:10.1007/978-1-4939-3046-3_19	
HeLa-DR-13-9	Human cervix adenocarcinoma cell line (derivative of HeLa)		Human	Genital Tract	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	B. Haynesa et al., Biochim Biophys Acta Mol Basis Dis., 2020,1866(1): 165561, doi: 10.1016/j.bbadis	<a href="#">Link</a>
HeLa-eGFP	Human cervix adenocarcinoma cell line, stably expressing eGFP (derivat of HeLa)		Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	P. del Pino et al., Nano Lett, Oct 2010; 10 (10): 3914-21	
HeLa-fluc	Human cervix adenocarcinoma cell line, stably expressing Firefly-Luciferase (derivat of HeLa)		Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	P. del Pino et al., Nano Lett, Oct 2010; 10 (10): 3914-21	
HeLa-T4	Human cervix carcinoma cell line susceptible to HIV-1 infection (Derivat of HeLa )		Human	Genital Tract	Cell Line	suspension	Plasmid		<a href="#">Metafectene</a>	D. Wilflingseder et al., J. Immunol., Jun 2007; 178: 7840 - 7848	<a href="#">Link</a>
HEp-2	Human carcinoma cell line (HeLa contaminant)	ATCC CCL-23	Human	Unknown	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	H. Chi et al., Lin Chuang Er Bi Yan Hou Ke Za Zhi, Nov 2005; 19(21): 992-5	
HEp-2	Human carcinoma cell line (HeLa contaminant)	ATCC CCL-23	Human	Unknown	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	J.-S. Kim et al., Cancer Biol. & Ther., 2012, 13: 1307-1318, doi.org/10.4161/cbt.21788	<a href="#">Link</a>
HEp-2	Human carcinoma cell line (HeLa contaminant)	ATCC CCL-23	Human	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	R. S. Cruz Cosme et al., J. Virol., Apr 2009; 83: 2839 - 2850	<a href="#">Link</a>
Hep-3B	Human hepatocellular carcinoma cell line	ATCC HB-8064	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	W.-J. Park, Int. J. of Mol. Medicine, 2016, 37:613-622; DOI: 10.3892/ijmm.2016.2461	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
Hep-3B	Human hepatocellular carcinoma cell line	ATCC HB-8064	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. H. Kim et al., International Journal of Molecular Medicine, <a href="https://doi.org/10.3892/ijmm.2016.2835">https://doi.org/10.3892/ijmm.2016.2835</a>	
Hep-3B	Human hepatocellular carcinoma cell line	ATCC HB-8064	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/sgRNA)	<a href="#">Metafectene PRO</a>	R. Han et al., Scientific Reports, 2021, 11: 8626, doi.org/10.1038/s41598-	<a href="#">Link</a>
Hep-3B	Human hepatocellular carcinoma cell line	ATCC HB-8064	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/sgRNA)	<a href="#">Metafectene PRO</a>	R. Han et al., Scientific Reports, 2021, 11: 8626, doi.org/10.1038/s41598-	<a href="#">Link</a>
Hep-3B	Human hepatocellular carcinoma cell line	ATCC HB-8064	Human	Digestive Organs	Cell Line	Adherent	sgRNA	CRISPR	<a href="#">Metafectene PRO</a>	R. Han et al., Scientific Reports, 2021, 11: 8626, doi.org/10.1038/s41598-	<a href="#">Link</a>
Hep-3B	Human hepatocellular carcinoma cell line	ATCC HB-8064	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	R. Xu et al., Onkolgy Letters, 2018, 16: 439-446, DOI: 10.3892/ol.2018.8672	<a href="#">Link</a>
Hepa 1-6	Mouse hepatoma cell line	ATCC CRL-1830	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	I. Kouskoumvekaki et al., J. Chem. Inf. Model., 2013, 53: 923-937, doi.org/10.1021/ci3006148	
Hepa 1-6	Mouse hepatoma cell line	ATCC CRL-1830	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Qvortrup et al., PLOSONE, 2017, DOI: 10.1371/journal.pone.0162642	<a href="#">Link</a>
Hepa-1c1c7	Mouse liver hepatoma cell line	ATCC CRL-2026	Mouse	Digestive Organs	Cell Line	Adherent	miRNA	Cotransfection (Plasmid/miRNA)	<a href="#">Metafectene PRO</a>	S. Surendran et al., Scientific Reports, 2016, 6:18958; DOI: 10.1038/srep18958	<a href="#">Link</a>
Hepa-1c1c7	Mouse liver hepatoma cell line	ATCC CRL-2026	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/miRNA)	<a href="#">Metafectene PRO</a>	S. Surendran et al., Scientific Reports, 2016, 6:18958; DOI: 10.1038/srep18958	<a href="#">Link</a>
Hepa-1c1c7	Mouse liver hepatoma cell line	ATCC CRL-2026	Mouse	Digestive Organs	Cell Line	Adherent	miRNA		<a href="#">Metafectene PRO</a>	S. Surendran, PhD Thesis, 2014, Indiana University	
Hepa-1c1c7	Mouse liver hepatoma cell line	ATCC CRL-2026	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S. Surendran, PhD Thesis, 2014, Indiana University	
hEPC	Human endothelial progenitor cells		Human	Other	Primary Cell	Adherent	Plasmid		<a href="#">Metafectens PRO</a>	G. Neumann, Dissertation, 2015, Georg-August-Universität zu Göttingen	<a href="#">Link</a>
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	A. Avinó et al., Protocols in Nucleic Acid Chemistry, 2020, 77: e78, doi: 10.1002/cpnc.78	
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	G. Brusotti et al., SCIENTIFIC REPORTS, nature.com, 7:5777, DOI:10.1038/s41598-017-05666-6	<a href="#">Link</a>
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	M. Petrosino et al., Int. J. Mol. Sci., 2017, 18: 361-381	<a href="#">Link</a>
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	R. Montanari et al., Scientific Reports, 2016, 6: 27658, DOI: 10.1038/srep27658	<a href="#">Link</a>
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	M.-H. Tai et al., Mol. Nutr. Food Res., 2014, 58: 2133-2145 DOI 10.1002/mnfr.201400366	
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	V. Le Fourn et al., Cell. Mol. Life Sci., 2013, 70: 1985-2002, DOI: <a href="https://doi.org/10.1007/s00018-012-1236-6">https://doi.org/10.1007/s00018-012-1236-6</a>	<a href="#">Link</a>
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	K. J. Choi et al., Cancer Res., Apr 2007; 67: 3654 - 3662	<a href="#">Link</a>
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Seifert, Dissertation, 2007, Martin-Luther-Universität	<a href="#">Link</a>
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	V. C. Sladky et al., Developmental Cell, 2020, 52: 335-349, doi.org/10.1016/j.devcel.2019.12.016	<a href="#">Link</a>
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	V. C. Sladky et al., Developmental Cell, 2019, 52: 335-349, doi.org/10.1016/j.devcel.2019.12.016	<a href="#">Link</a>
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	H.-S. Kwon et al., Diabetes, Apr 2004; 53: 899 - 910	<a href="#">Link</a>
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. H. Pham et al., J. Virol., Mar 2013; 87: 3076 - 3086	<a href="#">Link</a>
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	F. Damiano et al., Biochim. et Biophys. Acta, 2015, 1849: 23-31; doi.org/10.1016/j.bbagr.2014.10.004	
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	F. Damiano et al., Biochem. J., 2013, 449: 543-553, doi:10.1042/BJ20120906	
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	F. Damiano et al., Biochem. J., 2013, 449: 543-553, doi:10.1042/BJ20120906	
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. Ullio et al., J. Lipid Res., Jun 2012; 53: 1134 - 1143	<a href="#">Link</a>
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	M.I. Koukourakis et al., Scientific Reports, 2016, 6:30986; DOI: 10.1038/srep30986	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	O. Pellerito et al., Mol. Pharmacol., May 2010; 77: 854 - 863	<a href="#">Link</a>
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	L. Wedeken et al., J. Biol. Chem., Dec 2011; 286: 42855 - 42862.	<a href="#">Link</a>
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M. I. Koukourakis et al., Investigational New Drugs, 2018, doi.org/10.1007/s10637-018-0566-0	
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	C. Maucksch et al., Nucleic Acids Res., Oct 2008; 36: 5462 - 5471	<a href="#">Link</a>
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	L. Siculella et al., Int. J. Mol. Sci., 2020, 21: 1206, doi:10.3390/ijms21041206	<a href="#">Link</a>
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	F. Damiano et al., Bbamcb, 2018, doi.org/10.1016/j.bbaliip.2018.01.006	
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	miRNA		<a href="#">Metafectene PRO</a>	M. Vinod et al., Biochim. et Biophys. Acta, 2014, 1841: 827-835, doi.org/10.1016/j.bbaliip.2014.02.006	<a href="#">Link</a>
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	L. Siculella et al., Biochim. et Biophys. Acta, 2016, 1861: 471-481; doi.org/10.1016/j.bbaliip.2016.02.003	
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	miRNA		<a href="#">Metafectene PRO</a>	D.-W. Choi et al., Int. J. Mol. Med., 2021,48(6): 221, DOI: 10.3892/ijmm.2021.5054	<a href="#">Link</a>
HepG2	Human hepatocellular carcinoma cell line	ATCC HB-8065	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	A. Prokesch et al., FASEB J., 2017, 31: 732-742	<a href="#">Link</a>
HepG2.2.15	Human hepatoma cell line expressing complete HBV genome		Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	C. Zhu et al., Zhonghua Gan Zang Bing Za Zhi, Sep 2004; 12(9): 522-5	
HepG2.2.15	Human hepatoma cell line expressing complete HBV genome		Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	C. Zhu et al., Zhonghua Yi Xue Za Zhi, Sep 2005; 85(35): 2503-6	
hESC	Human embryonic stem cells		Human	Unknown	stem cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. Suchánková et al., Europ. J. of Histochemistry, 2014, 58:2389, doi: 10.4081/ejh.2014.2389	<a href="#">Link</a>
hESC-RPE	Human embryonic stem cell-derived retinal pigment epithelium cells		Human	Sensory Organs	Primary Cell		siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	E. Ramsay et al., Pharmaceutics, 2020, 12 (7): 667, doi: 10.3390/pharmaceutics12070667	<a href="#">Link</a>
HFF	Human foreskin fibroblasts		Human	Genital Tract	Primary Cell	Adherent	bacmid	Virus Production	<a href="#">K2 Transfection System</a>	K. Laib Sampaio et al., Journal of General Virology, 2016, 97: 1917-1927, DOI 10.1099/jgv.0.000475	<a href="#">Link</a>
HFF	Human foreskin fibroblasts		Human	Genital Tract	Primary Cell	Adherent	bacmid	Virus Production	<a href="#">K2 Transfection System</a>	C. Stegmann et al., J. of Virology, 2019, 93: 11, e00138-19, doi.org/10.1128/JVI.00138-19	<a href="#">Link</a>
HFF	Human foreskin fibroblasts		Human	Genital Tract	Primary Cell	Adherent	bacmid		<a href="#">K2 Transfection System</a>	K. L. Sampaio et al., Viruses, 2021, 13, 1094, doi.org/10.3390/v13061094	<a href="#">Link</a>
HFFF-tet	Human fetal foreskin fibroblasts (hTERT-immortalized expressing the tetracycline repressor)		Human	Genital Tract	Cell Line	Adherent	bacmid	Virus Production	<a href="#">K2 Transfection System</a>	K. Laib Sampaio et al., Journal of General Virology, 2016, 97: 1917-1927, DOI 10.1099/jgv.0.000475	<a href="#">Link</a>
HFFFtet	Human fetal foreskin fibroblasts (hTERT-immortalized expressing the tetracycline repressor)		Human	Genital Tract	Cell Line	Adherent	bacmid		<a href="#">K2 Transfection System</a>	N. Weiler et al., Viruses, 2021, 13: 614, doi.org/10.3390/v13040614	<a href="#">Link</a>
HGF	Human gingival fibroblasts		Human	Digestive Organs	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	A. Min et al., J. Biochem. Molecular Toxicology, 2015, 29(2): 70-76; DOI 10.1002/jbt	
hIEC	Human primary intestinal epithelial cells		Human	Digestive Organs	Primary Cell	Adherent	Plasmid		<a href="#">K4 Transfection System</a>	C. McGoran, Master Thesis, 2021, Lancaster University	<a href="#">Link</a>
HIT-T15	Hamster pancreas beta cell line	ATCC CRL-1777	Hamster	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	M.-J. Stahnke et al., Cellular Signalling, 2014, 26 :1792-1799doi.org/10.1016/j.cellsig.2014.04.006	
HIT-T15	Hamster pancreas beta cell line	ATCC CRL-1777	Hamster	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	S. Borchers et al., Naunyn-Schmiedeberg's Arch. Pharmacol., 2017, 390: 813-825, DOI 10.1007/s00210-017-1385-0	
HIT-T15	Hamster pancreas beta cell line	ATCC CRL-1777	Hamster	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	S. Boerchers, Dissertation, 2014, Georg-August-Universitaet zu Goettingen	
HIT-T15	Hamster pancreas beta cell line	ATCC CRL-1777	Hamster	Digestive Organs	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	S. Borchers et al., Naunyn-Schmiedeberg's Arch. Pharmacol., 2017, 390: 813-825, DOI 10.1007/s00210-017-1385-0	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
HIT-T15	Hamster pancreas beta cell line	ATCC CRL-1777	Hamster	Digestive Organs	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	S. Boerchers, Dissertation, 2014, Georg-August-Universitaet zu Goettingen	
HIT-T15	Hamster pancreas beta cell line	ATCC CRL-1777	Hamster	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	S. Borchers et al., Naunyn-Schmiedeberg's Arch. Pharmacol., 2017, 390: 813-825, DOI 10.1007/s00210-017-1385-0	
HIT-T15	Hamster pancreas beta cell line	ATCC CRL-1777	Hamster	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	S. Boerchers, Dissertation, 2014, Georg-August-Universitaet zu Goettingen	
HIT-T15	Hamster pancreas beta cell line	ATCC CRL-1777	Hamster	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Wallbach et al., Cellular Signalling, 2016, 28: 272-283; doi.org/10.1016/j.cellsig.2016.01.002	
HIT-T15	Hamster pancreas beta cell line	ATCC CRL-1777	Hamster	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Plaumann et al., Mol. Pharmacol., Mar 2008; 73: 652 - 659	<a href="#">Link</a>
HIT-T15	Hamster pancreas beta cell line	ATCC CRL-1777	Hamster	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Klimpel, Dissertation, 2011, Georg-August-Universität zu Göttingen	<a href="#">Link</a>
HIT-T15	Hamster pancreas beta cell line	ATCC CRL-1777	Hamster	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. E. D. Escobar, Universität Hamburg	<a href="#">Link</a>
HK-2	Human kidney cell line HPV-16 transformed	ATCC CRL-2190	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	Y. Attali-Padael et al., Biol. Cell., 2021, 113: 450-457, DOI: 10.1111/boc.202100011	<a href="#">Link</a>
HK-2	Human kidney cell line HPV-16 transformed	ATCC CRL-2190	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	E. Alcaraz, Dissertation, 2015, University of Barcelona	
HK-2	Human kidney cell line HPV-16 transformed	ATCC CRL-2190	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	E. Alcaraz et al., PLoS ONE, 2019, 15(1): e0227340, doi.org/10.1371/journal.pone.0227340	<a href="#">Link</a>
HK-2	Human kidney cell line HPV-16 transformed	ATCC CRL-2190	Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	E. Alcaraz, Dissertation, 2015, University of Barcelona	
HKC-8	Human renal proximal tubule epithelial cell line		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	R. Savel et al., US2018000950A1	
HKC-8	Human renal proximal tubule epithelial cell line		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	K. Giehl et al., PLOS ONE, 2015, DOI: 10.1371/journal.pone.0121589	<a href="#">Link</a>
HKe-3	Human colon carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
HKe-3	Human colon carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
HKe-3	Human colon carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
HKe-3	Human colon carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
HKe-3	Human colon carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
HL-1	Mouse cardiac muscle cell line		Mouse	Muscle	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene EASY</a>	M. Borrell-Pages et al., Basic Res. Cardiol., 2016, 111:67; DOI 10.1007/s00395-016-0585-y	
HL-1	Mouse cardiac muscle cell line		Mouse	Muscle	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	M. Borrell-Pages et al., Basic Res. Cardiol., 2016, 111:67; DOI 10.1007/s00395-016-0585-y	
HL-60	Human adult acute myeloid leukemia cell line	ATCC CCL-240	Human	Immune System	Cell Line	suspension	Plasmid		<a href="#">Metafectene EASY</a>	J. C. Romero Sandoval, PhD Thesis, 2014, Universitat de Barcelona	<a href="#">Link</a>
HL-60	Human adult acute myeloid leukemia cell line	ATCC CCL-240	Human	Immune System	Cell Line	suspension	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	B. Landry et al., PLoS ONE, 2012, 7(8): e44197, doi:10.1371/journal.pone.0044197	<a href="#">Link</a>
hLEC	Human lens epithelial cell line		Human	Sensory Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	Y. Su et al., Molecular Vision, 2012, 18: 601-605	<a href="#">Link</a>
hLEC	Human lens epithelial cell line		Human	Sensory Organs	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	Y. Su et al., Molecular Vision, 2012, 18: 601-605	<a href="#">Link</a>
HLF	Human lung fibroblasts		Human	Respiratory System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	X. Deng et al., J. Cell. Biochem., 2017, 118: 4012-4019, DOI 10.1002/jcb.26057	
HMC	Human mesangial cells		Human	Unknown	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	J. L. Cano-Penalver et al., Mol. Med., 2015, 21:873-885; doi: 10.2119/molmed.2015.00059	<a href="#">Link</a>
hMDM	Human primary monocyte-derived macrophages		Human	Immune System	Primary Cell		siRNA	RNA-Interference	<a href="#">Metafectene</a>	M. P. Morrow et al., Mol. Pharmacol., Aug 2010; 78: 215 - 225	<a href="#">Link</a>
hMDM	Human monocyte-derived macrophages		Human	Immune System	Unknown	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	J. C. Romero Sandoval, PhD Thesis, 2014, Universitat de Barcelona	<a href="#">Link</a>
hMEC	Human normal mammary epithelial cells	ATCC PCS-600-010	Human	Breast	Unknown	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. Ray et al., Mol. Cancer Res., Aug 2011; 9: 1030 - 1041	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
HMEC-1	Human dermal microvascular endothelial cells	ATCC CRL-3243	Human	Vasculature	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	D. Flügel et al., Blood, 2012, 119(5):1292-1301, doi:10.1182/blood-2011-08-375014	<a href="#">Link</a>
HMEC-1	Human dermal microvascular endothelial cells	ATCC CRL-3243	Human	Vasculature	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	D. Flügel et al., Blood, 2012, 119(5):1292-1301, doi:10.1182/blood-2011-08-375014	<a href="#">Link</a>
hMSC	Human mesenchymal stem cells		Human	Unknown	stem cell	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	E. A. Ostrakhovitch et al., Exp. Cell Res., 2019, 385: 111683, doi.org/10.1016/j.yexcr.2019.111683	<a href="#">Link</a>
hMSC	Human primary mesenchymal stem cells		Human	Unknown	stem cell	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	J. Cheng et al., Wei Sheng Yan Jiu, Sep 2006; 35(5): 564-6.	
hMVEC	Human microvascular endothelial cells		Human	Vasculature	Unknown		Plasmid		<a href="#">Metafectene PRO</a>	G. Tabatabai et al., Brain, Oct 2008; 131: 2579 - 2595	<a href="#">Link</a>
HNE-1	Human nasopharyngeal carcinoma cell line		Human	Respiratory System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">K2 Transfection System</a>	J. Zhou et al., impactjournals, DOI: 10.18632/oncotarget.14126	<a href="#">Link</a>
HNE-1	Human nasopharyngeal carcinoma cell line		Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	J. Zhou et al., impactjournals, DOI: 10.18632/oncotarget.14126	<a href="#">Link</a>
HOG	Human oligodendroglial cells		Human	Nervous System	Unknown	Adherent	Plasmid		<a href="#">Metafectene</a>	G. Chase et al., J. Virol., Jan 2007; 81: 743 - 749	<a href="#">Link</a>
hOMs	Human primary olfactory mucosal cells		Human	Sensory Organs	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	S. Chew et al., Chew et al. Particle and Fibre Toxicology , 2020, 17: 18, doi.org/10.1186/s12989-020-00352-4	<a href="#">Link</a>
hPAEpiC	Human pulmonary alveolar epithelial cells		Human	Respiratory System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	C.-C. Lin, PLoS ONE, 2015, 10(3): e0118473; doi:10.1371/journal.pone.0118473	<a href="#">Link</a>
HPAEpiC	Human pulmonary alveolar epithelial cells (type II)		Human	Respiratory System	Unknown	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	I-T. Lee et al., J. of Nutritional Biochemistry, 2013, 24: 124-136, doi.org/10.1016/j.jnutbio.2012.03.009	
HPAEpiC	Human pulmonary alveolar epithelial cells		Human	Respiratory System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	C.-C. Lin et al., Front. Pharmacol. 2016, 7: 80; doi: 10.3389/fphar.2016.00080	<a href="#">Link</a>
hPASMC	Human pulmonary artery smooth muscle cells		Human	Respiratory System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	Z. Qian et al., Am. J. Physiol. Cell Physiol., July 2017, 313: C380 -C391; doi:10.1152/ajpcell.00061.2017	
hPASMC	Human pulmonary artery smooth muscle cells		Human	Respiratory System	Primary Cell	Adherent	miRNA		<a href="#">K2 Transfection System</a>	Z. Qian et al., Oncotarget, 2016, 7 (34): 54998	<a href="#">Link</a>
hPASMC	Human pulmonary artery smooth muscle cells		Human	Respiratory System	Primary Cell	Adherent	miRNA		<a href="#">K2 Transfection System</a>	Z. Qian et al., Am. J. Physiol. Lung Cell Mol. Physiol., 2018, 315: L965-L976, doi: 10.1152/ajplung.00224.2018	
hPASMC	Human pulmonary artery smooth muscle cells		Human	Respiratory System	Primary Cell	Adherent	miRNA		<a href="#">K2 Transfection System</a>	Z. Qian et al., Am. J. Physiol. Cell Physiol., July 2017, 313: C380 -C391; doi:10.1152/ajpcell.00061.2017	
HPBL	Human primary peripheral blood lymphocytes		Human	Immune System	Primary Cell	suspension	siRNA	RNA-Interference	<a href="#">Metafectene</a>	S. Romano et al., Haematologica, Jul 2008; 93: 1039 - 1048	<a href="#">Link</a>
hPBMC	Human peripheral blood monocyte-derived macrophages		Human	Immune System	Primary Cell		siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	D. Pires et al., Scientific Reports, 2016, 6: 32247, DOI: 10.1038/srep32247	<a href="#">Link</a>
hPBMC	Human primary peripheral blood mononuclear cells		Human	Immune System	Primary Cell	suspension	Plasmid		<a href="#">Metafectene</a>	S. Smith, PhD Thesis, 2013, Royal College of Surgeons in Ireland	<a href="#">Link</a>
hPBMC	Human primary peripheral blood mononuclear cells		Human	Immune System	Primary Cell	suspension	Plasmid		<a href="#">Metafectene SI</a>	S. Smith, PhD Thesis, 2013, Royal College of Surgeons in Ireland	<a href="#">Link</a>
hRASf	Human rheumatoid arthritis synovial fibroblasts		Human	Unknown	Primary Cell	Adherent	siRNA		<a href="#">Metafectene</a>	P.-L. Chi et al., Mediators of Inflammation, 2014, article 279171, doi.org/10.1155/2014/279171	<a href="#">Link</a>
hRMC	Human renal mesangial cells		Human	Urinary System	Primary Cell		siRNA	RNA-Interference	<a href="#">Metafectene</a>	I.-T. Lee et al., Cell Commun. and Signaling, 2012, 10: 33, doi:10.1186/1478-811X-10-33	<a href="#">Link</a>
hRPE	Human retinal pigment epithelium cells		Human	Sensory Organs	Unknown		Plasmid		<a href="#">Metafectene PRO</a>	I. Knütter et al., J. Pharmacol. Exp. Ther., Nov 2008; 327: 432 - 441	<a href="#">Link</a>
hRPEC	Human retinal pigment epithelial cells		Human	Sensory Organs	Primary Cell	Adherent	siRNA	Stable Transfection	<a href="#">Metafectene</a>	I-Ta Lee et al., PLoS ONE 10(2): e0117911. doi:10.1371/journal.pone.0117911	<a href="#">Link</a>
Hs888	Human osteosarcoma cell line		Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	V. R. Lo Vasco et al., J. Cell Commun. Signal., 2015, 9:55-62; DOI 10.1007/s12079-015-0265-y	
Hs888	Human osteosarcoma cell line		Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	M. Leopizzi., PhD Thesis, 2018, University of Rome	<a href="#">Link</a>
Hs888	Human osteosarcoma cell line		Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	V. R. L. Vasco et al., J. Cell Commun. Signal, 2014, 8:219-229, DOI 10.1007/s12079-014-0235-9	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
Hs888	Human osteosarcoma cell line		Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	V. R. Lo Vasco et al., Anticancer Res, Aug 2014; 34: 4069 - 4075	
HSC-3	Human oral squamous cell carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Konopka et al., Cell Mol Biol Lett, Jan 2005; 10(3): 455-70	
HSC-3	Human oral squamous cell carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Konopka et al., Cell Mol Biol Lett, Jan 2009; 14(1): 70-89	
HSC-3	Human oral squamous cell carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	S. Gebremedhin et al., Biophysical J., 2014, 106(2): 625a	<a href="#">Link</a>
HSC-3	Human oral squamous cell carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Protein)	<a href="#">Metafectene PRO</a>	N. Düzgünes et al., Methods in Enzymology, 2012, 509, DOI: 10.1016/B978-0-12-391858-1.00018-6	
HSC-3	Human oral squamous cell carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Protein	Cotransfection (Plasmid/Protein)	<a href="#">Metafectene PRO</a>	N. Düzgünes et al., Methods in Enzymology, 2012, 509, DOI: 10.1016/B978-0-12-391858-1.00018-6	
HSC-3	Human oral squamous cell carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S. Gebremedhin et al., Biophysical J., 2014, 106(2): 625a	<a href="#">Link</a>
HSC-T6	Rat liver stellate cell line		Rat	Digestive Organs	Cell Line		Plasmid	RNA-Interference	<a href="#">Metafectene</a>	R. Fu et al., Experimental Biology and Medicine, Mar 2011; 236: 291 - 297	
HT-1080	Human breast fibrocarcinoma cell line	ATCC CCL-121	Human	Breast	Cell Line	Adherent	iron oxide		<a href="#">Metafectene</a>	L. Matuszewski et al., Radiology, Apr 2005; 235: 155 - 161	
HT-22	Mouse hippocampal neuronal cell line		Mouse	Brain	Cell Line	Adherent	Plasmid	High Troughput Application	<a href="#">Metafectene</a>	J. Zitzler et al., Mol. Cell. Proteomics, Aug 2004; 3: 834 - 840	<a href="#">Link</a>
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	A. Avinó et al., Protocols in Nucleic Acid Chemistry, 2020, 77: e78, doi: 10.1002/cpnc.78	
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	H. Huang et al., Scientific Reports, 2019; 9: 4954, doi: 10.1038/s41598-019-40848-4	<a href="#">Link</a>
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	Y.-L. Wang et al., World J. Gastroenterol., 2014, 20(47): 17924-17931, DOI: 10.3748/wjg.v20.i47.17924	<a href="#">Link</a>
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	Y.-L. Wang et al., World J. Gastroenterol., 2014, 20(47): 17924-17931, DOI: 10.3748/wjg.v20.i47.17924	<a href="#">Link</a>
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	K. Stamatakis et al., Oncotarget, Advance Publications 2015; DOI: 10.18632/oncotarget.5402	
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	M. Zhang et al., JBUON, 2015, 20(1): 121	<a href="#">Link</a>
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Pahle et al., BMC Cancer, 2017, 17:129, DOI 10.1186/s12885-017-3123-x	<a href="#">Link</a>
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	O. Pellerito et al., Apoptosis, 2014, 19: 1029-1042, DOI 10.1007/s10495-014-0985-0	
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	J. Galán-Martínez et al., Mol. Oncology, 2021, doi:10.1002/1878-0261.13085	<a href="#">Link</a>
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	N. M. Trinchant, PhD Thesis, 2013, Universitat de Barcelona	<a href="#">Link</a>
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	E. V. Khokhlova et al., Microbiol. Immunol., 2012; 56: 27-39, doi:10.1111/j.1348-0421.2011.00398.x	<a href="#">Link</a>
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. Gasch, Dissertation, 2013, Friedrich-Schiller-Universität Jena	<a href="#">Link</a>
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. Pahle, Dissertation, 2017, Humboldt-Universität zu Berlin	<a href="#">Link</a>
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. Gasch, Dissertation, Friedrich-Schiller-Universität Jena	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
HT-29	Human colorectal adenocarcinoma cell line	ATCC HTB-38	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene SI</a>	N. Golob-Schwarzl et al., Oncotarget, 2017, 8(60): 101224-101243	<a href="#">Link</a>
HTC	Rat hepatoma cell line		Rat	Digestive Organs	Cell Line		siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	C. Ullio et al., J. Lipid Res., Jun 2012; 53: 1134 - 1143	<a href="#">Link</a>
HTC	Rat hepatoma cell line		Rat	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	C. Ullio et al., Autophagy, 2015, 11(12): 2184-2198, DOI: 10.1080/15548627.2015.1106662	<a href="#">Link</a>
HTh74	Human thyroid gland undifferentiated (anaplastic) carcinoma cell line		Human	Other	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene PRO</a>	V. Vella et al., Endocrine-Related Cancer, 2019, 26: 197-214, doi.org/10.1530/ERC-18-0310	
hTM	Human trabecular meshwork cells		Human	Sensory Organs	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	Y. Su et al., Molecular Vision, 2012, 18: 1881-1884,	<a href="#">Link</a>
hTMSC	Tonsil-Derived Mesenchymal Stem Cells		Human	Other	stem cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	Y. Lee et al., Cells, 2019, 8, 368, doi: 10.3390/cells8040368	<a href="#">Link</a>
hTSMC	Human primary tracheal smooth muscle cells		Human	Respiratory System	Primary Cell	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafactene</a>	W.-N. Lin et al., Brit. J. Pharmacol., 2011, 163: 1691-1706, DOI:10.1111/j.1476-5381.2011.01312.x	<a href="#">Link</a>
hTSMC	Human primary tracheal smooth muscle cells		Human	Respiratory System	Primary Cell	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafactene</a>	W.-N. Lin et al., Brit. J. Pharmacol., 2011, 163: 1691-1706, DOI:10.1111/j.1476-5381.2011.01312.x	<a href="#">Link</a>
hTSMC	Human primary tracheal smooth muscle cells		Human	Respiratory System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	I.-T. Lee et al., J. Immunol., Oct 2008; 181: 5098 - 5110	<a href="#">Link</a>
hTSMC	Human primary tracheal smooth muscle cells		Human	Respiratory System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	C.-W. Lee et al., Am J Physiol Lung Cell Mol Physiol, Mar 2007; 292: L799 - L812	
hTSMC	Human primary tracheal smooth muscle cells		Human	Respiratory System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	C.-C. Lin et al., Am. J. Physiol. Lung Cell Mol. Physiol., 2015, 309: L211-L225; doi: 10.1152/ajplung.00232.2014	<a href="#">Link</a>
hTSMC	Human primary tracheal smooth muscle cells		Human	Respiratory System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	C.-W. Lee et al., Mol. Pharmacol., May 2008; 73: 1454 - 1464	
hTSMC	Human primary tracheal smooth muscle cells		Human	Respiratory System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	C.-K. Hsu et al., J. Cell. Physiol., 2015, 230: 702-715; DOI: 10.1002/jcp.24795	
hTSMC	Human primary tracheal smooth muscle cells		Human	Respiratory System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	C.-M. Yang et al., Am J Physiol Lung Cell Mol Physiol, Nov 2009; 297: L892 - L902	<a href="#">Link</a>
hTSMC	Human primary tracheal smooth muscle cells		Human	Respiratory System	Primary Cell	Adherent	Plasmid		<a href="#">Metafactene</a>	I.-T. Lee et al., J. Immunol., Oct 2008; 181: 5098 - 5110	<a href="#">Link</a>
hTSMC	Human primary tracheal smooth muscle cells		Human	Respiratory System	Primary Cell	Adherent	Plasmid		<a href="#">Metafactene</a>	C.-W. Lee et al., Am J Physiol Lung Cell Mol Physiol, Mar 2007; 292: L799 - L812	
hUCB-MSC	Human umbilical cord blood derived mesenchymal stem cells		Human	Other	stem cell		Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene PRO</a>	E. J. Lee et al., Molecular Therapy: Methods & Clinical Development, 2019, 13, doi.org/10.1016/j.omtm.2019.05.003	<a href="#">Link</a>
HuH7	Human hepatocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	D. Dubrau et al., PLOS Pathogens, 2017, DOI:10.1371/journal.ppat.1006134	<a href="#">Link</a>
HuH7	Human hepatocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/miRNA)	<a href="#">Metafactene PRO</a>	J. Tian, Thesis, 2015, Murdoch University	<a href="#">Link</a>
HuH7	Human hepatocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	miRNA	Cotransfection (Plasmid/miRNA)	<a href="#">Metafactene PRO</a>	W. Lui, Honours Thesis, Murdoch University, Perth	<a href="#">Link</a>
HuH7	Human hepatocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	miRNA	Cotransfection (Plasmid/miRNA)	<a href="#">Metafactene PRO</a>	J. Tian, Thesis, 2015, Murdoch University	<a href="#">Link</a>
HuH7	Human hepatocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/miRNA)	<a href="#">Metafactene PRO</a>	W. Lui, Honours Thesis, Murdoch University, Perth	<a href="#">Link</a>
HuH7	Human hepatocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene PRO</a>	J. W. Tay et al., J. of Thrombosis and Haemostasis, 2013, 11: 1547-1555, DOI: 10.1111/jth.12331	<a href="#">Link</a>
HuH7	Human hepatocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid	Magnetofection	<a href="#">Metafactene PRO</a>	A. M. Sauer et al., J Control Release, Jul 2009; 137(2): 136-45	
HuH7	Human hepatocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	C. Ullio et al., J. Lipid Res., Jun 2012; 53: 1134 - 1143	<a href="#">Link</a>
HuH7	Human hepatocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	miRNA		<a href="#">Metafactene PRO</a>	J. Tian, Phd thesis, 2021, Murdoch University	<a href="#">Link</a>
HuH7.5	Human hepatocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafactene EASY</a>	S. Malmström, Dissertation, 2012, University of Gothenburg	<a href="#">Link</a>
HuH7.5	Human hepatocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene PRO</a>	N. Hagen, Dissertation, 2013, Universität Hamburg	<a href="#">Link</a>
HuP-T3	Human pancreatic adenocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	J. Pahle, Dissertation, 2017, Humboldt-Universität zu Berlin	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
HUVEC	Human primary umbilical vein endothelial cells	ATCC CRL-1730	Human	Vasculature	Primary Cell	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	A. Avinó et al., Protocols in Nucleic Acid Chemistry, 2020, 77: e78, doi: 10.1002/cpnc.78	
HUVEC	Human primary umbilical vein endothelial cells	ATCC CRL-1730	Human	Vasculature	Primary Cell	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	S. Thakker et al., Oncotarget, 2018, 9 (1): 1210-1228	<a href="#">Link</a>
HUVEC	Human primary umbilical vein endothelial cells	ATCC CRL-1730	Human	Vasculature	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	A. Giordano et al., Am J Physiol Heart Circ Physiol, Jan 2012; 302: H135 - H142	<a href="#">Link</a>
HUVEC	Human primary umbilical vein endothelial cells	ATCC CRL-1730	Human	Vasculature	Primary Cell	Adherent	Oligonucleotide		<a href="#">Metafectene</a>	A. H. Wagner et al., Arterioscler Thromb Vasc Biol, Nov 2009; 29: 1894 - 1901	<a href="#">Link</a>
HUVEC	Human primary umbilical vein endothelial cells	ATCC CRL-1730	Human	Vasculature	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	J. Park et al., Biochem. and Biophys. Res. Commun., 2018, 495: 2050-2057, doi.org/10.1016/j.bbrc.2017.08.023	
HUVEC	Human primary umbilical vein endothelial cells	ATCC CRL-1730	Human	Vasculature	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	H.-Y. Lee et al., Korean Circ. J., 2012, 42: 239-245, doi.org/10.4070/kcj.2012.42.4.239	<a href="#">Link</a>
HUVEC	Human primary umbilical vein endothelial cells	ATCC CRL-1730	Human	Vasculature	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	J. Park et al., Biochem. and Biophys. Res. Commun., 2018, 495: 2050e2057	
HUVEC	Human primary umbilical vein endothelial cells	ATCC CRL-1730	Human	Vasculature	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	S.-W. Lee et al., Molecular Therapy, 2013, 21 (9): 1767-1777, doi:10.1038/mt.2013.146	<a href="#">Link</a>
HUVEC	Human primary umbilical vein endothelial cells	ATCC CRL-1730	Human	Vasculature	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	H.-Y. Lee et al., Cardiovasc Res, Jan 2013; 97: 143 - 152	
HUVEC	Human primary umbilical vein endothelial cells	ATCC CRL-1730	Human	Vasculature	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	N. Kostopoulou et al., J. Cell Sci., 2021, 134, jcs246892, doi:10.1242/jcs.246892	<a href="#">Link</a>
HUVEC	Human primary umbilical vein endothelial cells	ATCC CRL-1730	Human	Vasculature	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S.-W. Lee et al., Molecular Therapy, 2013, 21 (9): 1767-1777, doi:10.1038/mt.2013.146	<a href="#">Link</a>
HUVEC	Human primary umbilical vein endothelial cells	ATCC CRL-1730	Human	Vasculature	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S. Bellou et al., Am J Physiol Cell Physiol, Dec 2009; 297: C1477 - C1489	
HUVEC	Human primary umbilical vein endothelial cells	ATCC CRL-1730	Human	Vasculature	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S. Zografou et al., J. Cell Sci., Oct 2012; 125: 4780 - 4790	<a href="#">Link</a>
HUVEC	Human primary umbilical vein endothelial cells	ATCC CRL-1730	Human	Vasculature	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. Yang et al., Oncology Reports, 2015, 34: 2745-2751; DOI: 10.3892/or.2015.4223	<a href="#">Link</a>
hVSMC	Human vascular (aortic) smooth muscle cells		Human	Vasculature	Unknown	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	A. Giordano et al., Cardiovasc Res, Aug 2008; 79: 519 - 526	<a href="#">Link</a>
hVSMC	Human primary vascular smooth muscle cells		Human	Vasculature	Primary Cell	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	G. Weisinger et al., Exp. Cell Res., 2013, 319: 1586-1593, doi.org/10.1016/j.yexcr.2013.04.001	
HW3-5	Mouse hippocampal cell line		Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. Barz et al., Cancer Res., Dec 2006; 66: 11975 - 11982	<a href="#">Link</a>
IC-21	Mouse peritoneal macrophage cell line	ATCC TIB-186	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	L. K. Hanson et al., J. Virol., Aug 2009; 83: 7449 - 7456	<a href="#">Link</a>
iDC	Human immature dendritic cells		Human	Immune System	Primary Cell		Plasmid		<a href="#">Metafectene</a>	Z. K. Nazarkina et al., Mol. Biology, 2018, 52(2): 222-231, DOI: 10.1134/S0026893317050132	
IGR-37	Human cutaneous melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	I. Venza et al., Int. Immunopharmacol., 2014, 21: 439-446; doi.org/10.1016/j.intimp.2014.05.024	
IGR-37	Human cutaneous melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	I. Venza et al., Int. Immunopharmacol., 2014, 21: 439-446; doi.org/10.1016/j.intimp.2014.05.024	
IMR-90	Human primary lung fibroblasts	ATCC CCL-186	Human	Respiratory System	Primary Cell	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	A. M. Szekeley et al., Mol. Cell. Biol., Dec 2005; 25: 10492 - 10506	<a href="#">Link</a>
IMR-90	Human primary lung fibroblasts	ATCC CCL-186	Human	Respiratory System	Primary Cell	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	A. M. Szekeley et al., Mol. Cell. Biol., Dec 2005; 25: 10492 - 10506	<a href="#">Link</a>
IMR-90	Human primary lung fibroblasts	ATCC CCL-186	Human	Respiratory System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	A. M. Szekeley et al., Mol. Cell. Biol., Dec 2005; 25: 10492 - 10506	<a href="#">Link</a>
INS-1	Rat insulin secreting beta cell derived line		Rat	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	T. Kono et al., Mol Endocrinol, 2012, 26(2): 257-271. doi: 10.1210/me.2011-1181	<a href="#">Link</a>
INS-1	Rat insulin secreting beta cell derived line		Rat	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	D. Li et al., ACS Chem. Biol., 2015, 10: 1054-1063; DOI: 10.1021/cb5007536	
INS-1	Rat insulin secreting beta cell derived line		Rat	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	T. G. Deering et al., Diabetes, Jan 2009; 58: 185 - 193	<a href="#">Link</a>
INS-1	Rat insulin secreting beta cell derived line		Rat	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	R. G. Mirmira et al., 2012, US 2012/0196918	<a href="#">Link</a>
INS-1 832/13	Rat pancreatic tumor (insulinoma) derived β cell line		Rat	Digestive Organs	Cell Line	suspension	Plasmid		<a href="#">K2 Transfection System</a>	A. Aslamy et al., Diabetes, 2018, 67(7): 1332-1344, doi.org/10.2337/db17-1352	



CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
INS-1 832/13	Rat pancreatic tumor (insulinoma) derived β cell line		Rat	Digestive Organs	Cell Line	suspension	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene</a>	J. Wu, PhD Thesis, 2014, University of Alberta	<a href="#">Link</a>
INS-1 832/13	Rat pancreatic tumor (insulinoma) derived β cell line		Rat	Digestive Organs	Cell Line	suspension	Plasmid		<a href="#">Metafactene</a>	J. Wu et al., ACS Chem. Neurosci., 2013, 4: 963–972, doi.org/10.1021/cn400012b	<a href="#">Link</a>
INS-1E	Rat pancreatic tumor (insulinoma) derived β cell line		Rat	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	L. Cadavez Trigo, PhD Thesis, 2014, Seoul National University	<a href="#">Link</a>
INS-1E	Rat pancreatic tumor (insulinoma) derived β cell line		Rat	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	L. Cadavez et al., PLoS ONE, 2014, 9(7): e101797, doi:10.1371/journal.pone.0101797	<a href="#">Link</a>
INS-1E	Rat pancreatic tumor (insulinoma) derived β cell line		Rat	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. A. Rebuffat et al., Diabetologia, 2013, 56: 2446–2455, DOI 10.1007/s00125-013-3030-x	<a href="#">Link</a>
INS-1E	Rat pancreatic tumor (insulinoma) derived β cell line		Rat	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	J. J. Wright, PhD Thesis, 2015, University of Michigan	<a href="#">Link</a>
INS-1E	Rat pancreatic tumor (insulinoma) derived β cell line		Rat	Digestive Organs	Cell Line		Plasmid		<a href="#">Metafactene PRO</a>	N. Perakakis et al., Mol. and Cell. Endocrinology, 2012, 363(1-2): 20, DOI : 10.1016/j.mce.2012.07.003	
INS-1E	Rat pancreatic tumor (insulinoma) derived β cell line		Rat	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	J. Wright et al., J. Biol. Chem., Oct 2013; 288: 31010 - 31018	<a href="#">Link</a>
iPSCs	Mouse induced pluripotent stem cells		Mouse	Unknown	stem cell	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene</a>	J. Kuehle et al., Mol. Therapy, 2014, 22(5) :919-928, doi:10.1038/mt.2014.4	<a href="#">Link</a>
iPSCs	Mouse induced pluripotent stem cells		Mouse	Unknown	stem cell	Adherent	Plasmid	Stable Transfection	<a href="#">Metafactene</a>	J. Kuehle et al., Mol. Therapy, 2014, 22(5) :919-928, doi:10.1038/mt.2014.4	<a href="#">Link</a>
J774	Mouse macrophage cell line		Mouse	Immune System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	A. Zidovska et al., Biophys. J., 2011, 100 (6): 1428-1437, doi: 10.1016/j.bpj.2011.01.069	<a href="#">Link</a>
J774A.1	Mouse monocyte/macrophage cell line	ATCC TIB67	Mouse	Immune System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	N. Liu, Albert-Ludwigs-Universität Freiburg	<a href="#">Link</a>
JAR	Human placenta choriocarcinoma cell line	ATCC HTB-144	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	J. Henry-Berger et al., Biol Reprod, Jun 2008; 78: 968 - 975	<a href="#">Link</a>
JEG-3	Human placenta choriocarcinoma cell line	ATCC HTB-36	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">DOTAP</a>	T. Allen et al., Diabetes, Sep 2006; 55: 2523 - 2533	<a href="#">Link</a>
JEG-3	Human placenta choriocarcinoma cell line	ATCC HTB-36	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">DOTAP</a>	K. D. S. A. Wansa et al., J. Mol. Endocrinol., Jun 2005; 34: 835 - 848	<a href="#">Link</a>
JEG-3	Human placenta choriocarcinoma cell line	ATCC HTB-36	Human	Respiratory System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene</a>	M.-J. Stahnke et al., Cellular Signalling, 2014, 26 :1792-1799doi.org/10.1016/j.cellsig.2014.04.006	
JEG-3	Human placenta choriocarcinoma cell line	ATCC HTB-36	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	T. Allen et al., Diabetes, Sep 2006; 55: 2523 - 2533	<a href="#">Link</a>
JEG-3	Human placenta choriocarcinoma cell line	ATCC HTB-36	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	K. D. S. A. Wansa et al., J. Mol. Endocrinol., Jun 2005; 34: 835 - 848	<a href="#">Link</a>
JEG-3	Human placenta choriocarcinoma cell line	ATCC HTB-36	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	J. E. D. Escobar, Universität Hamburg	<a href="#">Link</a>
Jurkat	Human leukemia T-cell line	ECACC 88042803	Human	Immune System	Cell Line	suspension	Oligonucleotide		<a href="#">DOTAP</a>	A. Avinó et al., Protocols in Nucleic Acid Chemistry, 2020, 77: e78, doi: 10.1002/cpnc.78	
Jurkat	Human leukemia T-cell line	ECACC 88042803	Human	Immune System	Cell Line	suspension	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">K2 Transfection System</a>	K. Marek-Bukowiec et al., Genes and Immunity, 2016, 17: 313-320, doi:10.1038/gene.2016.25	<a href="#">Link</a>
Jurkat	Human leukemia T-cell line	ECACC 88042803	Human	Immune System	Cell Line	suspension	siRNA	RNA-Interference	<a href="#">Metafactene</a>	R. Avellino et al., Blood, Aug 2005; 106: 1400 - 1406	<a href="#">Link</a>
Jurkat	Human leukemia T-cell line	ECACC 88042803	Human	Immune System	Cell Line	suspension	Plasmid		<a href="#">Metafactene</a>	Q. Chen et al., J. Biol. Chem., Jul 2006; 281: 19985 - 19994	<a href="#">Link</a>
Jurkat	Human leukemia T-cell line	ECACC 88042803	Human	Immune System	Cell Line	suspension	Plasmid		<a href="#">Metafactene PRO</a>	V. Witte et al., J. Immunol., Dec 2008; 181: 8425 - 8432	<a href="#">Link</a>
Jurkat	Human leukemia T-cell line	ECACC 88042803	Human	Immune System	Cell Line	suspension	Plasmid		<a href="#">Metafactene PRO</a>	A. K. V. Iyer et al., J. Immunol., 2011, 187 (6): 3256–3266, doi:10.4049/jimmunol.1002915.	<a href="#">Link</a>
Jurkat	Human leukemia T-cell line	ECACC 88042803	Human	Immune System	Cell Line	suspension	Plasmid		<a href="#">Metafactene PRO</a>	A. K. V. Iyer et al., J. Immunol., Sep 2011; 187: 3256 - 3266	<a href="#">Link</a>
Jurkat	Human leukemia T-cell line	ECACC 88042803	Human	Immune System	Cell Line	suspension	Plasmid		<a href="#">Metafactene PRO</a>	C. Maucksch et al., Nucleic Acids Res., Oct 2008; 36: 5462 - 5471	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
K562	Human myelogenous leukemia cell line	ATCC CCL-243	Human	Immune System	Cell Line	suspension	Oligonucleotide		<a href="#">DOTAP</a>	A. Avinó et al., Protocols in Nucleic Acid Chemistry, 2020, 77: e78, doi: 10.1002/cpnc.78	
K562	Human myelogenous leukemia cell line	ATCC CCL-243	Human	Immune System	Cell Line	suspension	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	O. N. Kuvardina et al., Oncotarget, 2017, 8 (42): 71685-71698	<a href="#">Link</a>
K562	Human myelogenous leukemia cell line	ATCC CCL-243	Human	Immune System	Cell Line	suspension	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	N. Sahner, Dissertation, 2019, Technische Universität Darmstadt	<a href="#">Link</a>
K562	Human myelogenous leukemia cell line	ATCC CCL-243	Human	Immune System	Cell Line	suspension	siRNA	RNA-Interference	<a href="#">Metafectene</a>	M. Merkerova et al., Mol Biol Rep, Mar 2007; 34(1): 27-33	
K562	Human myelogenous leukemia cell line	ATCC CCL-243	Human	Immune System	Cell Line	suspension	Plasmid		<a href="#">Metafectene</a>	O. N. Kuvardina et al., Blood, Jun 2015; 125: 3570 - 3579	
K562	Human myelogenous leukemia cell line	ATCC CCL-243	Human	Immune System	Cell Line	suspension	Plasmid		<a href="#">Metafectene</a>	E. Kowenz-Leutz et al., EMBO J., Mar 2010; 29: 1105 - 1115	<a href="#">Link</a>
K562	Human myelogenous leukemia cell line	ATCC CCL-243	Human	Immune System	Cell Line	suspension	Plasmid		<a href="#">Metafectene</a>	A. Meyer, Dissertation, 2020, Universität Stuttgart	<a href="#">Link</a>
K562	Human myelogenous leukemia cell line	ATCC CCL-243	Human	Immune System	Cell Line	suspension	Plasmid		<a href="#">Metafectene</a>	O. N. Kuvardina et al., Oncotarget, 2017, 8 (42): 71685-71698	<a href="#">Link</a>
K562	Human myelogenous leukemia cell line	ATCC CCL-243	Human	Immune System	Cell Line	suspension	Plasmid		<a href="#">Metafectene</a>	C. Rosner et al., J. Immunol., Feb 2011; 186: 2156 - 2163	<a href="#">Link</a>
K562	Human myelogenous leukemia cell line	ATCC CCL-243	Human	Immune System	Cell Line	suspension	Plasmid		<a href="#">Metafectene PRO</a>	N. Courtial et al., PLoS ONE, 2013, 8(9): e76637, doi:10.1371/journal.pone.0076637	<a href="#">Link</a>
KB	Human cancer cell line (Hela contaminant)	ATCC CCL-17	Human	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Konopka et al., Cell Mol Biol Lett, Jan 2009; 14(1): 70-89	
KG1	Human myelogenous leukemia cell line	ATCC CRL-8031	Human	Immune System	Cell Line	suspension	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	B. Landry et al., PLoS ONE, 2012, 7(8): e44197, doi:10.1371/journal.pone.0044197	<a href="#">Link</a>
KGN	Human ovary granulosa-like tumor cell line		Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	C. Wang et al., Am. J. Transl. Res., 2012, 4 (4): 390-402	<a href="#">Link</a>
KGN	Human ovary granulosa-like tumor cell line		Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	T. Sugawara et al., J. Biol. Chem., Oct 2003; 278: 42487 - 42494	<a href="#">Link</a>
KGN	Human ovary granulosa-like tumor cell line		Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	D. Fu et al., Endocr. Relat. Cancer, Mar 2014; 21: 297 - 310	<a href="#">Link</a>
KGN	Human ovary granulosa-like tumor cell line		Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	L. Bouazzi et al., Scientific Reports, 2019, 9: 17033, doi.org/10.1038/s41598-019-53370-4	<a href="#">Link</a>
KGN	Human ovary granulosa-like tumor cell line		Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	L. Bouazzi et al., J. Gynecol. Reprod. Med., 2018, 2(1):1-9	<a href="#">Link</a>
KGN	Human ovary granulosa-like tumor cell line		Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Lang-Muritano et al., J. of Clinical Endocrinology & Metabolism, 2018, 103 (10): 3748-3756	
KMST-6	Human immortalized fibroblasts		Human	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S. Kanyanda, Dissertation, 2012, University of the Western Cape	<a href="#">Link</a>
L cells	Mouse subcutaneous connective tissue fibroblast cell line	ATCC CRL-2648	Mouse	Other	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	V. J. Jokubaitis et al., Blood, Apr 2008; 111: 4055 - 4063	<a href="#">Link</a>
L-02	Human fetal hepatocyte cell line		Human	Digestive Organs	Cell Line		siRNA	RNA-Interference	<a href="#">Metafectene</a>	R. Liu et al., Tumor Biology, April 2017: 1 -13, doi.org/10.1177/1010428317695031	<a href="#">Link</a>
L1-L6 DRG	Mouse lumbar dorsal root ganglia (DRG)		Mouse	Nervous System	Primary Cell	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	C. Bavassano et al., Biochim. et Biophysica Acta, 2013, 1833: 3166-3175, doi.org/10.1016/j.bbamcr.2013.09.001	<a href="#">Link</a>
L1.2-CXCR1	Murine pre-B cells, stably expressing the CXCR1 receptor		Murine	Immune System	Unknown	suspension	Plasmid		<a href="#">Metafectene</a>	H. C. Lane et al., Int. Immunol., Aug 2006; 18: 1315 - 1325	<a href="#">Link</a>
L1.2-CXCR2	Murine pre-B cells, stably expressing the CXCR2 receptor		Murine	Immune System	Unknown	suspension	Plasmid		<a href="#">Metafectene</a>	H. C. Lane et al., Int. Immunol., Aug 2006; 18: 1315 - 1325	<a href="#">Link</a>
L3.6pl	Human pancreatic adenocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	H. Seeliger et al., Mol. Cancer Res., Feb 2009; 7: 189 - 198	<a href="#">Link</a>
L8	Rat myoblast cell line	ATCC CRL-1769	Rat	Muscle	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	P. Orth et al., Mol Biotechnol, Feb 2008; 38 (2): 137-44	
L929	Mouse subcutaneous connective tissue fibroblast cell line	ATCC CCL-1	Mouse	Other	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	K. G. Frey et al., J. Immunol., Jul 2009; 183: 1253 - 1262	<a href="#">Link</a>
LAN1	Human neuroblastoma cell line		Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	A. Groß et al., Cancer Res., 2018, DOI: 10.1158/0008-5472.CAN-17-1860	
LBL	Human lymphoblastoid cells		Human	Immune System	Unknown		siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. Kerzendorfer et al., Hum. Mol. Genet., Apr 2010; 19: 1324 - 1334	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
LCL	Human lymphoblastoid cell line		Human	Immune System	Cell Line		siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. Kerzendorfer et al., Hum. Mol. Genet., May 2012; 21: 2181 - 2193	<a href="#">Link</a>
Lec1	Chinese hamster ovary cell line	ATCC CRL-1735	Hamster	Genital Tract	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	A. Altamirano et al., J. Proteome Res., 2018, 17: 1269-1277, DOI:10.1021/acs.jproteome.7b00867	
Lec2	Chinese hamster ovary cell line (derivat of CHO)	ATCC CRL 1736	Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	R. Kabuß et al., Glycobiology, Oct 2005; 15: 905 - 911	<a href="#">Link</a>
Lec8	Chinese hamster ovary cell line (derivat of CHO)	ATCC CRL 1737	Hamster	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	R. Kabuß et al., Glycobiology, Oct 2005; 15: 905 - 911	<a href="#">Link</a>
LLC1	Lewis Lung carcinoma cell line (Mouse)		Mouse	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H.F. Alkan et al., bioRxiv preprint, 2020, doi.org/10.1101/2020.05.28.114629	<a href="#">Link</a>
LM16-R	Human melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	E. Vergani et al., Oncotarget, 2015, 7(4): 4428-4441	<a href="#">Link</a>
LM16-R	Human melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	S. Eriomina, thesis, 2020, The Open University, doi.org/10.21954/ou.ro.00011212	<a href="#">Link</a>
LM16-S	Human melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	S. Eriomina, thesis, 2020, The Open University, doi.org/10.21954/ou.ro.00011212	<a href="#">Link</a>
LM16-S	Human melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	E. Vergani et al., Oncotarget, 2015, 7(4): 4428-4441	<a href="#">Link</a>
LM17-R	Human melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	E. Vergani et al., Oncotarget, 2015, 7(4): 4428-4441	<a href="#">Link</a>
LM47-R	Human melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	E. Vergani et al., Oncotarget, 2015, 7(4): 4428-4441	<a href="#">Link</a>
LM47-R	Human melanoma cell line		Human	Skin	Cell Line	Adherent	miRNA		<a href="#">Metafectene</a>	E. Vergani et al., Vergani et al. Cell Communication and Signaling, 2020, 18: 156, doi.org/10.1186/s12964-020-00601-0	<a href="#">Link</a>
LM69	Human melanoma cell line		Human	Skin	Cell Line	Adherent	miRNA		<a href="#">Metafectene</a>	E. Vergani et al., Vergani et al. Cell Communication and Signaling, 2020, 18: 156, doi.org/10.1186/s12964-020-00601-1	<a href="#">Link</a>
LMTK-	Mouse subcutaneous connective tissue cell line	ATCC CCL-1.3	Mouse	Other	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Klar et al., Mol. Cell. Biol., Nov 2005; 25: 10159 - 10170	<a href="#">Link</a>
LN-18	Human brain glioblastoma cell line	ATCC CRL-2610	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	B. Li et al., ResearchSquare, 2020, doi.org/10.21203/rs.3.rs-58864/v1	
LN-18	Human brain glioblastoma cell line	ATCC CRL-2610	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	C. Hoppold et al., Mol. Cancer Ther., Apr 2014; 13: 948 - 961	<a href="#">Link</a>
LN-18	Human brain glioblastoma cell line	ATCC CRL-2610	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. Hoppold et al., Mol. Cancer Ther., Apr 2014; 13: 948 - 961	<a href="#">Link</a>
LN-18	Human brain glioblastoma cell line	ATCC CRL-2610	Human	Brain	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	G. D. Maurer et al., Neuro Oncology, Dec 2009; 11: 747 - 756	<a href="#">Link</a>
LN-18	Human brain glioblastoma cell line	ATCC CRL-2610	Human	Brain	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	C. Hoppold et al., Mol. Cancer Ther., Apr 2014; 13: 948 - 961	<a href="#">Link</a>
LN-18	Human brain glioblastoma cell line	ATCC CRL-2610	Human	Brain	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	G. D. Maurer et al., Neuro Oncology, Dec 2009; 11: 747 - 756	<a href="#">Link</a>
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	H. Lutz, Dissertation, 2019, Technische Universität Darmstadt	<a href="#">Link</a>
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	H. Lutz et al., Cancers, 2019, 11: 306, doi: 10.3390/cancers11030306	<a href="#">Link</a>
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">K2 Transfection System</a>	F. Weipert, Dissertation, 2018, Technische Universität Darmstadt	<a href="#">Link</a>
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	C. Hoppold et al., Mol. Cancer Ther., Apr 2014; 13: 948 - 961	<a href="#">Link</a>
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	C. Hoppold et al., Mol. Cancer Ther., Apr 2014; 13: 948 - 961	<a href="#">Link</a>
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	C. Hoppold et al., J. of Neurochemistry, 2012, 122: 444-455, doi: 10.1111/j.1471-4159.2012.07781.x	<a href="#">Link</a>
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	C. Hoppold et al., Mol. Cancer Ther., Apr 2014; 13: 948 - 961	<a href="#">Link</a>
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	W. C. Brucker et al., Zurich Open Repository and Archive, University of Zurich, 2012, doi.org/10.1038/onc.2011.530	<a href="#">Link</a>
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	miRNA	Cotransfection (Plasmid/miRNA)	<a href="#">Metafectene PRO</a>	P. Codo et al., Oncotarget, 2014, 5 (17) : 7651-7662	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/miRNA)	<a href="#">Metafactene PRO</a>	P. Codo et al., Oncotarget, 2014, 5 (17) : 7651-7662	<a href="#">Link</a>
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene PRO</a>	D. P. Brucker et al., Int. J. of Oncology, 2016, 49:2399-2410; DOI: 10.3892/ijo.2016.3760	<a href="#">Link</a>
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene PRO</a>	G. D. Maurer et al., Int. J. Mol. Sci., 2019, 20, 106, doi:10.3390/ijms20051061	<a href="#">Link</a>
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	G. Eisele et al., Neuro Oncology, Feb 2011; 13: 155 - 164	<a href="#">Link</a>
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	P. Codo et al., Oncotarget, 2016, 7 (7): 7732-7746	<a href="#">Link</a>
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafactene PRO</a>	H. Brennenstuhl et al., Int. J. of Oncology, 2015, 47: 1971-1980; DOI: 10.3892/ijo.2015.3159	<a href="#">Link</a>
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	J. Seznec et al., Carcinogenesis, Mar 2010; 31: 411 - 418	<a href="#">Link</a>
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	C. Happold et al., Mol. Cancer Ther., Apr 2014; 13: 948 - 961	<a href="#">Link</a>
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	P. Roth et al., Brain, Feb 2013; 136: 564 - 576	<a href="#">Link</a>
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafactene PRO</a>	C. Wanka et al., J. Biol. Chem., Sep 2012; 287: 33436 - 33446	<a href="#">Link</a>
LN-229	Human brain glioblastoma cell line	ATCC CRL-2611	Human	Brain	Cell Line	Adherent	Oligonucleotide		<a href="#">Metafactene PRO</a>	P. Codo et al., Oncotarget, 2014, 5 (17) : 7651-7662	<a href="#">Link</a>
LN-308	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	miRNA	Cotransfection (Plasmid/miRNA)	<a href="#">Metafactene PRO</a>	P. Codo et al., Oncotarget, 2014, 5 (17) : 7651-7662	<a href="#">Link</a>
LN-308	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/miRNA)	<a href="#">Metafactene PRO</a>	P. Codo et al., Oncotarget, 2014, 5 (17) : 7651-7662	<a href="#">Link</a>
LN-308	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	P. Codo et al., Oncotarget, 2016, 7 (7): 7732-7746	<a href="#">Link</a>
LN-308	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	P. Roth et al., Brain, Feb 2013; 136: 564 - 576	<a href="#">Link</a>
LN-308	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	G. Tabatabai et al., Brain, Oct 2008; 131: 2579 - 2595	<a href="#">Link</a>
LN-308	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafactene PRO</a>	G. Eisele et al., Neuro Oncology, Feb 2011; 13: 155 - 164	<a href="#">Link</a>
LN-308	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	Oligonucleotide		<a href="#">Metafactene PRO</a>	P. Codo et al., Oncotarget, 2014, 5 (17) : 7651-7662	<a href="#">Link</a>
LNCaP	Human prostate carcinoma cell line	ATCC CRL-1740	Human	Genital Tract	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene</a>	G. Loubeau et al., PLoS ONE, 2014, 9(5): e96293, doi:10.1371/journal.pone.0096293	<a href="#">Link</a>
LNCaP	Human prostate carcinoma cell line	ATCC CRL-1740	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	M. Endres et al., Oncotarget, 2016, 7(39): 64244-64259	<a href="#">Link</a>
LNCaP	Human prostate carcinoma cell line	ATCC CRL-1740	Human	Genital Tract	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafactene</a>	U. K. Mukhopadhyay et al., Cancer Res., Apr 2005; 65: 2872 - 2881	<a href="#">Link</a>
LNCaP	Human prostate carcinoma cell line	ATCC CRL-1740	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	K. S. R. Sastry et al., J. Biol. Chem., Jul 2006; 281: 20891 - 20901	<a href="#">Link</a>
LNCaP	Human prostate carcinoma cell line	ATCC CRL-1740	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	U. K. Mukhopadhyay et al., Cytokine, 2016; 82: 70-79; doi.org/10.1016/j.cyto.2016.01.013	
LNCaP	prostate epithelial cancer cells	ATCC CRL-1740	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	M. Ansems et al., The Prostate, 2012, 72: 1708-1717, DOI 10.1002/pros.22522	
LNCaP	Human prostate carcinoma cell line	ATCC CRL-1740	Human	Genital Tract	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene PRO</a>	J. Elvenes et al., PLoS ONE, 2011, 6(9): e24659, doi:10.1371/journal.pone.0024659	<a href="#">Link</a>
LNCaP	Human prostate carcinoma cell line	ATCC CRL-1740	Human	Genital Tract	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafactene PRO</a>	R. Malaguarrera et al., Endocrinology, 2014, 155(4): 1207-1221, doi: 10.1210/en.2013-1925	<a href="#">Link</a>
LNCaP	Human prostate carcinoma cell line	ATCC CRL-1740	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	J. J. Rodgers et al., J. Cell Biochem., 2019, 120:848-860, DOI: 10.1002/jcb.27446	<a href="#">Link</a>
LNCaP	Human prostate carcinoma cell line	ATCC CRL-1740	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	C. Morsch, Dissertation, 2016, Georg-August University Göttingen	<a href="#">Link</a>
LoVo	Human colon adenocarcinoma cell line	ATCC CCL-229	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
LoVo	Human colon adenocarcinoma cell line	ATCC CCL-229	Human	Digestive Organs	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafactene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
LoVo	Human colon adenocarcinoma cell line	ATCC CCL-229	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
LoVo	Human colon adenocarcinoma cell line	ATCC CCL-229	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	Z. Timsah et al., Nature Struct. & Mol. Biol., 2014, 21(2), doi:10.1038/nsmb.2752	
LoVo	Human colon adenocarcinoma cell line	ATCC CCL-229	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
LoVo	Human colon adenocarcinoma cell line	ATCC CCL-229	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	L. M. Williams, Dissertation, 2014, Royal College of Surgeons in Ireland	<a href="#">Link</a>
LOX	Human amelanotic melanoma cell line		Human	Skin	Cell Line		Plasmid		<a href="#">Metafectene</a>	A. H. Grossmann et al., Sci. Signal., Mar 2013; 6: ra14	
LOX	Human amelanotic melanoma cell line		Human	Skin	Cell Line		Plasmid		<a href="#">Metafectene</a>	S. E. Tague et al., PNAS, Jun 2004; 101: 9671 - 9676	<a href="#">Link</a>
LBT2	Mouse pituitary ganotrope cells		Mouse	Brain	Cell Line		Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	S. Sperduti et al., Int. J. Mol. Sci., 2019, 20, 5548, doi:10.3390/ijms2025548	<a href="#">Link</a>
LX-2	Human hepatic stellate cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	E.J. Lee et al., J. Exp. Med., 2020 , 217: 6, doi.org/10.1084/jem.20190402	<a href="#">Link</a>
M1	Mouse epithelial M1 cells		Mouse	Unknown	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	M. O. Norgård et al., bioRxiv preprint, 2021, doi.org/10.1101/2021.07.05.451120	<a href="#">Link</a>
M14	Human metastatic melanoma cells		Human	Skin	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene SI</a>	A. Sarma et al., The American J. of Pathology, 2021, 191, 2, doi.org/10.1016/j.ajpath.2020.10.015	<a href="#">Link</a>
M14	Human metastatic melanoma cells		Human	Skin	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene SI</a>	A. Sarma et al., The American J. of Pathology, 2021, 191, 2, doi.org/10.1016/j.ajpath.2020.10.015	<a href="#">Link</a>
M21	Human melanoma cell line		Human	Skin	Cell Line	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	M. M. M. Enriquez ez al., PLoS ONE 13(11): e0206818, doi.org/10.1371/journal.pone.0206818	<a href="#">Link</a>
M3K	Drug-resistant breast cancer cell line (derivative of MCF7)		Human	Breast	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	L. J. Barlow, Dissertation, 2020, University Graduate School	<a href="#">Link</a>
Ma-Mel-2	Malignant melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	A. Vamanet et al., 2015, PLoS ONE 10(6): e0129219; doi:10.1371/journal.pone.0129219	<a href="#">Link</a>
Ma-Mel-86a	Malignant melanoma cell line		Human	Skin	Cell Line		Plasmid	Stable Transfection	<a href="#">Metafectene</a>	N. Ullrich et al., Cancer Res., May 2015; 75: 1897 - 1907	<a href="#">Link</a>
Ma-Mel-86a	Malignant melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	S. Löffek et al., Front. Oncol., 2015, 5:234; doi: 10.3389/fonc.2015.00234	<a href="#">Link</a>
mBMDM	Mouse bone marrow derived macrophages		Mouse	Immune System	Primary Cell		Plasmid		<a href="#">K2 Transfection System</a>	C. A. Nold-Petry et al., Nature Immunology, 2015, 16 (4): 354, doi: 10.1038/ni.310	
MC3T3-E1	Mouse osteoblast cell line	ATCC CRL-2593	Mouse	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	Y.-y. Li et al., FASEB, 2012	
MC3T3-E1	Mouse osteoblast cell line	ATCC CRL-2593	Mouse	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	C.-L. Tsai et al., Bone, 2014, 60 :186-197, doi.org/10.1016/j.bone.2013.12.014	
MC3T3-E1	Mouse osteoblast cell line	ATCC CRL-2593	Mouse	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	C.-L. Tsai et al., Journal of Biomedical Science, 2014, 21:12, doi:10.1186/1423-0127-21-12	<a href="#">Link</a>
MC3T3-E1	Mouse osteoblast cell line	ATCC CRL-2593	Mouse	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C.-L. Tsai et al., Journal of Biomedical Science, 2014, 21:12, doi:10.1186/1423-0127-21-12	<a href="#">Link</a>
MC3T3-E1	Mouse osteoblast cell line	ATCC CRL-2593	Mouse	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	H.-J. Kim et al., Scientific Reports, Feb. 2017, 7: 42882, DOI: 10.1038/srep42882	<a href="#">Link</a>
MC4-L2	Mouse mammary carcinoma cell line		Mouse	Breast	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	W. Wang et al., Mol. and Cellular Endocrinology, 2018, 477: 57-69, doi.org/10.1016/j.mce.2018.06.001	<a href="#">Link</a>
MC4-L3	Mouse mammary carcinoma cell line		Mouse	Breast	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	W. Wang et al., Mol. and Cellular Endocrinology, 2018, 477: 57-69, doi.org/10.1016/j.mce.2018.06.001	<a href="#">Link</a>
MC7-L1	Mouse mammary carcinoma cell line		Mouse	Breast	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	W. Wang et al., Mol. and Cellular Endocrinology, 2018, 477: 57-69, doi.org/10.1016/j.mce.2018.06.001	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	A. Avinó et al., Protocols in Nucleic Acid Chemistry, 2020, 77: e78, doi: 10.1002/cpnc.78	
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	B. Ljepoja, Dissertation, 2019, Ludwig-Maximilians-Universität München	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	B. Ljepoja et al., PLoS ONE, 2019, 14(11): e0224314, doi.org/10.1371/journal.pone.0224314	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">K2 Transfection System</a>	B. Ljepoja et al., Scientific Reports, 2018, 8:6927, DOI:10.1038/s41598-018-25240-y	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	miRNA		<a href="#">K2 Transfection System</a>	B. Ljepoja et al., Breast, 2019, 43, 31e38, https://doi.org/10.1016/j.breast.2018.10.007	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	A. Hermawan, Ludwig-Maximilians-Universität München	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	B. Ljepoja et al., The Breast, 2019, 43: 31-38, doi.org/10.1016/j.breast.2018.10.007	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	B. Ljepoja et al., PLoS ONE, 2019, 14(11): e0224314, doi.org/10.1371/journal.pone.0224314	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	B. Ljepoja, Dissertation, 2019, Ludwig-Maximilians-Universität München	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	A. Hermawan et al., Dissertation, 2015, Ludwig-Maximilians-Universität München	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	B. Ljepoja et al., Breast, 2019, 43, 31e38, https://doi.org/10.1016/j.breast.2018.10.007	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	A.-K. Sommer et al., Oncotarget, 2016, 7 (31): 50461	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	C. Actis et al., Cancers, 2021, 13: 1252, doi.org/10.3390/cancers13061252	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	miRNA		<a href="#">K2 Transfection System</a>	B. Ljepoja et al., The Breast, 2019, 43: 31-38, doi.org/10.1016/j.breast.2018.10.007	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	V. Morales-Garcia et al., FEBS Open Bio 10, 2020, 2541-2552, doi:10.1002/2211-5463.12987	
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	miRNA		<a href="#">K2 Transfection System</a>	B. Ljepoja, Dissertation, 2019, Ludwig-Maximilians-Universität München	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	A. Benito et al., Oncotarget, 2017, 8 (63): 106693-106706	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	A. Hermawan et al., Dissertation, 2015, Ludwig-Maximilians-Universität München	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	X. Ming et al., Am. Ass. for Cancer Res., 2018, DOI: 10.1158/1541-7786.MCR-18-0070	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	M. Ansems et al., Breast Cancer Res. Treat., 2015, 149:693-703; DOI: 10.1007/s10549-015-3281-y	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	Y. V. Kuznetsov et al., Eur. J. of Medicinal Chemistry, 2018, 143: 670e682, doi.org/10.1016/j.ejmech.2017.11.042	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. M. Scherbakov et al., IUBMB, 2016, 68 (4): 281-292; DOI 10.1002/iub.1481	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. R. Graf et al., J. of Cancer Ther. & Res., 2012, doi: 10.7243/2049-7962-1-25	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Oligonucleotide		<a href="#">Metafectene</a>	A. M. Tamaddona et al., Iranian J. of Pharm. Sci., 2011, 11: 7(2): 79-87	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	U. K. Mukhopadhyay et al., Cytokine, 2016; 82: 70-79; doi.org/10.1016/j.cyto.2016.01.013	
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	Y. V. Kuznetsov et al., Europ. J. of Med. Chem., 2018, 143: 670-682, doi.org/10.1016/j.ejmech.2017.11.042	
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. M. Scherbakov et al., Frontiers in Pharmacology, 2018, 8:979, doi: 10.3389/fphar.2017.00979	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. M. Scherbakov et al., J. of Cellular Biochem., 2012, 113: 2147-2155	
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	Y. V. Kuznetsov et al., Steroids, 2018, doi.org/10.1016/j.steroids.2018.07.007	
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	GNP-DNA		<a href="#">Metafectene</a>	S. E. Feky et al., ESMO Open, 2018, doi.org/10.1136/esmoopen-2018-EACR25.463	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Seifert, Dissertation, 2007, Martin-Luther-Universität	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Ansems et al., J Natl Cancer Inst, Jan 2010; 102: 54 - 68	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	M. Lang-Muritano et al., J. of Clinical Endocrinology & Metabolism, 2018, 103 (10): 3748-3756	
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	I. V. Rassokhina et al., Steroids, 2016, 113: 29-37; doi.org/10.1016/j.steroids.2016.06.001	
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafactene EASY</a>	K. Haagenson, Dissertation, 2013, Wayne State University	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafactene EASY</a>	K. K. Haagenson et al., Oncotarget, 2014, 5 (4) : 1101-1110	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene PRO</a>	A. M. Scherbakov et al., Exp. Cell Res., 2013, 319: 3150 - 3159, doi.org/10.1016/j.yexcr.2013.08.019	
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene PRO</a>	A. M. Scherbakov et al., Chem. Biodiversity, 2019, 16: e1900332, DOI: 10.1002/cbdv.201900332	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	C. Thirukkumaran et al., PLOS ONE 2017, DOI:10.1371/journal.pone.0168233	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	K. J. Lee et al., Exp. Cell Research, 2015, 336: 211-222; doi.org/10.1016/j.yexcr.2015.07.010	
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafactene PRO</a>	X. Wu et al., PNAS, Nov 2016, 113: E6965 - E6973	
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	H. Liu et al., J. Lipid Res., Mar 2013; 54: 776 - 785	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	J. R. Skaar et al., J. Cell Biol., Oct 2009; 187: 25 - 32	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	A. M. Scherbakov et al., Annals of Oncology, 2019, 30: 5, doi.org/10.1093/annonc/mdz269.024	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	A. M. Scherbakov et al., Exp. Cell Res., 2013, 319: 3150 - 3159, doi.org/10.1016/j.yexcr.2013.08.019	
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	I. H. Polat et al., Biology, 2021, 10, 85, doi.org/10.3390/biology10020085	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	D. V. Sorokin et al., Cell Technologies in Biology and Medicine, 2016, 4: 555-559; DOI 10.1007/s10517-016-3217-5	
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	X. Wu et al., PNAS, Nov 2016, 113: E6965 - E6973	
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M. Mannefeld et al., Cancer Res., May 2009; 69: 4073 - 4080	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	I. H. Polat, Doctoral Thesis, 2016, University of Barcelona	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafactene PRO</a>	S. E. Semina et al., Cancer Investigation, 2017, DOI: 10.1080/07357907.2017.1368081	
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafactene PRO</a>	V. Vella et al., Cells, 2019, 8, 1017, doi: 10.3390/cells8091017	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	S. E. Semina et al., Molecules, 2018, 23: 829; doi:10.3390/molecules23040829	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	H.-K. Lee, PhD Thesis, 2015, Seoul National University	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	V. Vella et al., Oncotarget, 2017, 8 (26): 43248-43270	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	X. Wu et al., PNAS, Nov 2016, 113: E6965 - E6973	
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	D. Sorokin et al., Pharmaceuticals, 2020, 13(9): 206, doi.org/10.3390/ph13090206	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	H.-K. Lee et al., BMC Cancer, 2015, 15: 113; DOI: 10.1186/s12885-015-1118-z	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	M. S. Herrera, PhD Thesis, 2021, University of Alberta	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	K. J. Lee et al., Exp. Cell Research, 2015, 336: 211-222; doi.org/10.1016/j.yexcr.2015.07.010	
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	A. M. Scherbakov et al., Acta Naturae, 2015, 7(3): 133-1309	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	V. Vella et al., Endocrine-Related Cancer, 2019, 26: 197-214, doi.org/10.1530/ERC-18-0310	
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	Z. Mbita, Dissertation, 2012, University of the Witwatersrand	<a href="#">Link</a>
MCF-7	Human breast adenocarcinoma cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	M. De Luca et al., Scientific Reports, 2021, 11: 4615, doi.org/10.1038/s41598-021-84222-2	<a href="#">Link</a>
MCF10A	Human breast fibrocystic disease cell line	ATCC CRL-10317	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. P.V. Shekhar et al., Cancer Res., Mar 2008; 68: 1741 - 1750	<a href="#">Link</a>
MCF10A	Human breast fibrocystic disease cell line	ATCC CRL-10317	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	E. Xu et al., Mol. Cancer Res., 2014, 12(3): 359-369, DOI: 10.1158/1541-7786.MCR-13-0526	<a href="#">Link</a>
MCF10A	Human breast fibrocystic disease cell line	ATCC CRL-10317	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. P.V. Shekhar et al., Mol. Cancer Res., Oct 2006; 4: 729 - 745	<a href="#">Link</a>
MCF10A	Human breast fibrocystic disease cell line	ATCC CRL-10317	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	L. Qin et al., Cell Reports, 2015,13: 2056-2063; doi.org/10.1016/j.celrep.2015.11.015	<a href="#">Link</a>
MCF10A	Human breast fibrocystic disease cell line	ATCC CRL-10317	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H.-K. Lee, PhD Thesis, 2015, Seoul National University	<a href="#">Link</a>
MCF10A-Rad6E	Human breast fibrocystic disease cell line, stably expressing Rad6E		Human	Breast	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	M. P.V. Shekhar et al., Cancer Res., Mar 2008; 68: 1741 - 1750	<a href="#">Link</a>
MCF7	Human breast fibrocystic disease cell line	ATCC HTB-22	Human	Breast	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">K2 Transfection System</a>	B. Ljepoja, Dissertation, 2019, Ludwig-Maximilians-Universität München	<a href="#">Link</a>
MDA-MB-157	Human breast carcinoma cell line	ATCC HTB-24	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	V. Vella et al., Oncotarget, 2017, 8 (26): 43248-43270	<a href="#">Link</a>
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	Y.-F. Chuang et al., British Journal of Pharmacology, 2017, 174: 2941-2961	
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	J. Arnold, et al., Journal of Experimental & Clinical Cancer Research, 2020, 39: 205, doi.org/10.1186/s13046-020-01712-w	<a href="#">Link</a>
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	M. P.V. Shekhar et al., Cancer Res., Mar 2008; 68: 1741 - 1750	<a href="#">Link</a>
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	A. Hermawan et al., Dissertation, 2015, Ludwig-Maximilians-Universität München	<a href="#">Link</a>
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	M. M. Endres, Dissertation, 2016, Julius-Maximilians-Universität Würzburg	
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	M. Endres et al., Oncotarget, 2016, 7(39): 64244-64259	<a href="#">Link</a>
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	D. Konina et al., Int. J. Mol. Sci., 2021, 22, 8477, doi.org/10.3390/ijms22168477	<a href="#">Link</a>
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	K. Wang et al., J. Biochem. Mol. Toxicol., 2018, e22039, doi.org/10.1002/jbt.22039	
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	Y. Radestock et al., Ann. N.Y. Acad Sci. 1041:462-469 (2005). Doi: 10.1196/annals.1282.070	
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. P.V. Shekhar et al., Mol. Cancer Res., Oct 2006; 4: 729 - 745	<a href="#">Link</a>
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene FASY</a>	K. Haagenon, Dissertation, 2013, Wayne State University	<a href="#">Link</a>
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	B. von Neubeck et al., Int. J. of Cancer, 2018, 143: 2065-2075, DOI: 10.1002/ijc.31607	
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	S. Liu et al., J. Biol. Chem., 2015, 290(29): 17894-17908; DOI 10.1074/jbc.M114.607184	<a href="#">Link</a>
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	S. Liu et al., J. Biol. Chem., 2015, 290(29): 17894-17908; DOI 10.1074/jbc.M114.607184	<a href="#">Link</a>
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene PRO</a>	B. von Neubeck et al., Int. J. of Cancer, 2018, 143: 2065-2075, DOI: 10.1002/ijc.31607	
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	S. Liu et al., J. Biol. Chem., 2015, 290(29): 17894-17908; DOI 10.1074/jbc.M114.607184	<a href="#">Link</a>



CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	B. von Neubeck et al., Int. J. of Cancer, 2018, 143: 2065–2075, DOI: 10.1002/ijc.31607	
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. Ray et al., Mol. Cancer Res., Aug 2011; 9: 1030 - 1041	<a href="#">Link</a>
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H.-K. Lee, PhD Thesis, 2015, Seoul National University	<a href="#">Link</a>
MDA-MB-231	Human breast adenocarcinoma cell line	ATCC HTB-26	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	J.-E. Lee et al., Journal of Proteomics, 2016, 131: 17-28; doi.org/10.1016/j.jprot.2015.10.005	
MDA-MB-435S	Human breast cancer cell line	ATCC HTB-129	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	K. Kempainen et al., Cellular Signalling, 2016, 28: 1894–1903; doi.org/10.1016/j.celsig.2016.09.004	
MDA-MB-435S	Human breast cancer metastatic melanoma cell line	ATCC HTB-129	Human	Skin	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	I. Karwaciak et al., Cancers, 2019, 11, 673, doi:10.3390/cancers11050673	<a href="#">Link</a>
MDA-MB-435S	Human breast cancer metastatic melanoma cell line	ATCC HTB-129	Human	Skin	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	I. Karwaciak et al., Cancers, 2019, 11, 673, doi:10.3390/cancers11050673	<a href="#">Link</a>
MDA-MB-436	Human breast cancer cell line		Human	Breast	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	L. J. Barlow, Dissertation, 2020, University Graduate School	<a href="#">Link</a>
MDA-MB-436	Human breast cancer cell line		Human	Breast	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	L. J. Barlow, Dissertation, 2020, University Graduate School	<a href="#">Link</a>
MDA-MB-468	Human breast adenocarcinoma cell line	ATCC HTB-132	Human	Breast	Cell Line	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	A. Avinó et al., Protocols in Nucleic Acid Chemistry, 2020, 77: e78, doi: 10.1002/cpnc.78	
MDA-MB-468	Human breast adenocarcinoma cell line	ATCC HTB-132	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. Ray et al., Mol. Cancer Res., Aug 2011; 9: 1030 - 1041	<a href="#">Link</a>
mDC	Mouse dendritic cell line		Mouse	Immune System	Primary Cell	Adherent	iron oxide	Imaging	<a href="#">Metafectene</a>	E. Küstermann et al., Contrast Media Mol. Imaging, 2008, 3: 27–37	
MDCK	Madin darby canine kidney cell line	ATCC CCL 34	Dog	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	W. Neuhofer et al., Frontiers in Physiol., 5, article 123, doi: 10.3389/fphys.2014.00123	<a href="#">Link</a>
MDCK	Madin darby canine kidney cell line	ATCC CCL 34	Dog	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	E. Umlauf et al., J. Biol. Chem., May 2004; 279: 23699 - 23709	<a href="#">Link</a>
MDCK	Madin darby canine kidney cell line	ATCC CCL 34	Dog	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene EASY</a>	J. N. Apfel, Dissertation, 2014, Julius-Maximilians-Universität Würzburg	<a href="#">Link</a>
MDCK	Madin darby canine kidney cell line	ATCC CCL 34	Dog	Urinary System	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	S. Liu et al., J. Biol. Chem., 2015, 290(29): 17894-17908; DOI 10.1074/jbc.M114.607184	<a href="#">Link</a>
MDCK	Madin darby canine kidney cell line	ATCC CCL 34	Dog	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	S. Liu et al., J. Biol. Chem., 2015, 290(29): 17894-17908; DOI 10.1074/jbc.M114.607184	<a href="#">Link</a>
MDCK	Madin darby canine kidney cell line	ATCC CCL 34	Dog	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	S. Liu et al., J. Biol. Chem., 2015, 290(29): 17894-17908; DOI 10.1074/jbc.M114.607184	<a href="#">Link</a>
MDCK	Madin darby canine kidney cell line	ATCC CCL 34	Dog	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	F. J. Arjona et al., Europ. J. of Physiol., 2018, doi.org/10.1007/s00424-018-2234-9	<a href="#">Link</a>
MDCK	Madin darby canine kidney cell line	ATCC CCL 34	Dog	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	E. P. M. van Loon et al., Am. J. Physiol. Renal Physiol., 2015, 309: F359-F368; doi: 10.1152/ajprenal.00240.2014	<a href="#">Link</a>
MDCK	Madin darby canine kidney cell line	ATCC CCL 34	Dog	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	M. Norman et al., J. Cell Sci., Jan 2012; 125: 59 - 66	<a href="#">Link</a>
MDCK	Madin darby canine kidney cell line	ATCC CCL 34	Dog	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	F. J. Arjona et al., European J. of Physiology, 2019, 471: 845–860, doi.org/10.1007/s00424-018-2234-9	<a href="#">Link</a>
MDCK	Madin darby canine kidney cell line	ATCC CCL 34	Dog	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	M. Brunati et al., eLife, 2015,4:e08887; DOI: 10.7554/eLife.08887	<a href="#">Link</a>
MDCK	Madin darby canine kidney cell line	ATCC CCL 34	Dog	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	S. C. Klinger et al., The FEBS Journal, 2016, 283:2476-2493; doi:10.1111/febs.13758	<a href="#">Link</a>
MDCK	Madin darby canine kidney cell line	ATCC CCL 34	Dog	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	B. Singh et al., Journal of Cell Science, 2015, 128: 3444-3455; doi:10.1242/jcs.170852	<a href="#">Link</a>
MDCK	Madin darby canine kidney cell line	ATCC CCL 34	Dog	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S. Liu et al., Cell Communication and Signaling, (2018, 16:10; doi.org/10.1186/s12964-018-0223-4	<a href="#">Link</a>
MDCK	Madin darby canine kidney cell line	ATCC CCL 34	Dog	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	C. Seitz, Dissertation, 2012, Otto-von-Guericke-Universität Magdeburg	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
MDCK	Madin darby canine kidney cell line	ATCC CCL 34	Dog	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S. Liu et al., J. Biol. Chem., Jul 2015; 290: 17894 - 17908	
MDCK (21D1)	Madin darby canine kidney cell line (derivat of MDCK)		Dog			Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S. Liu et al., Cell Communication and Signaling, (2018, 16:10; doi.org/10.1186/s12964-018-0223-4	<a href="#">Link</a>
MDCK II	Madin darby canine kidney cell line	ATCC CRL-2936	Dog	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	K. Kopplow et al., Mol. Pharmacol., Oct 2005; 68: 1031 - 1038	<a href="#">Link</a>
MDCK II	Madin darby canine kidney cell line	ATCC CRL-2936	Dog	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	J. Hummel-Eisenbeiss et al., Mol. Pharmacol., Sep 2013; 84: 438 - 450	<a href="#">Link</a>
MDCK II	Madin darby canine kidney cell line	ATCC CRL-2936	Dog	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	M. Rius et al., Drug Metab. Dispos., Jul 2010; 38: 1054 - 1063	<a href="#">Link</a>
MDCK II	Madin darby canine kidney cell line	ATCC CRL-2936	Dog	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	M. Rius et al., Mol. Cancer Ther., Jan 2009; 8: 225 - 231	<a href="#">Link</a>
MDCK II	Madin darby canine kidney cell line	ATCC CRL-2936	Dog	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	K. Letschert et al., Toxicol. Sci., May 2006; 91: 140 - 149	<a href="#">Link</a>
MDCK II	Madin darby canine kidney cell line	ATCC CRL-2936	Dog	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	M. Behrendt et al., J. Biol. Chem., Feb 2010; 285: 4143 - 4152	<a href="#">Link</a>
MDCK II	Madin darby canine kidney cell line	ATCC CRL-2936	Dog	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	K. Martin, University of Edinburgh	<a href="#">Link</a>
MDCK-M1 mAC	Madin darby canine kidney cell line (derivat of MDCK)		Dog	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. Shmuel et al., Mol. Biol. Cell, May 2007; 18: 1570 - 1585	<a href="#">Link</a>
MDPC-23	Mouse immortalized odontoblast cell line	ATCC CRL-2537	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	J.-C. Park et al., 2017, US 2017/0100458 A1	<a href="#">Link</a>
MDPC-23	Mouse immortalized odontoblast cell line	ATCC CRL-2537	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	O. H. Jung, Seoul National University	<a href="#">Link</a>
MDPC-23	Mouse immortalized odontoblast cell line	ATCC CRL-2537	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	H.-J. Oh et al., Biomaterials, 2015, 37: 208e217; doi.org/10.1016/j.biomaterials.2014.10.016	
MDPC-23	Mouse immortalized odontoblast cell line	ATCC CRL-2537	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	J.-C. Park et al., 2017, US 2017/0100458 A1	<a href="#">Link</a>
MDPC-23	Mouse immortalized odontoblast cell line	ATCC CRL-2537	Mouse	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	H.-J. Oh et al., Biomaterials, 2015, 37: 208e217; doi.org/10.1016/j.biomaterials.2014.10.016	
MDPC-23	Mouse immortalized odontoblast cell line	ATCC CRL-2537	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	H.-J. Oh et al., Biomaterials, 2015, 37: 208e217; doi.org/10.1016/j.biomaterials.2014.10.016	
MDPC-23	Mouse immortalized odontoblast cell line	ATCC CRL-2537	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H.-K. Lee et al., J. Biol. Chem., 2014, 289 (41): 28225-28236, DOI 10.1074/jbc.M114.568691	<a href="#">Link</a>
MDPC-23	Mouse immortalized odontoblast cell line	ATCC CRL-2537	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H.-K. Lee et al., J. Biol. Chem., Oct 2014; 289: 28225 - 28236	
MDPC-23	Mouse immortalized odontoblast cell line	ATCC CRL-2537	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	Y.-M. Seo et al., Scientific Reports, 7: 11283, DOI:10.1038/s41598-017-11641-y	<a href="#">Link</a>
MDPC-23	Mouse immortalized odontoblast cell line	ATCC CRL-2537	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S.-J. Park, PhD Thesis, 2017, Seoul National University	<a href="#">Link</a>
MDPC-23	Mouse immortalized odontoblast cell line	ATCC CRL-2537	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H.-K. Lee et al., BMC Cancer, 2015, 15: 113; DOI: 10.1186/s12885-015-1118-z	<a href="#">Link</a>
MDPC-23	Mouse immortalized odontoblast cell line	ATCC CRL-2537	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	Y.-M. Seo et al., Sci. Reports, 2021, 7: 11283, DOI:10.1038/s41598-017-11641-y	<a href="#">Link</a>
MDPC-23	Mouse immortalized odontoblast cell line	ATCC CRL-2537	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H.-K. Lee et al., J. Mol. Hist., 2016, 47: 345-351; DOI 10.1007/s10735-016-9676-1	
ME-180	Human papillomavirus-related cervical squamous cell carcinoma cell line	ATCC HTB-33	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	E. Xu et al., Mol. Cancer Res., 2014, 12(3): 359-369, DOI: 10.1158/1541-7786.MCR-13-0526	<a href="#">Link</a>
Me14346ADH	Human melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	A.Tuccitto et al., STEM CELLS, 2016, 34: 2449-2460; doi.org/10.1002/stem.2413	<a href="#">Link</a>
Me15888S	Human melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	A.Tuccitto et al., STEM CELLS, 2016, 34: 2449-2460; doi.org/10.1002/stem.2413	<a href="#">Link</a>
Me15888S	Human melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	A.Tuccitto et al., STEM CELLS, 2016, 34: 2449-2460; doi.org/10.1002/stem.2413	<a href="#">Link</a>
MEC-2	Human chronic B cell leukemia cell line	DSMZ ACC500	Human	Immune System	Cell Line	suspension	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	S. W. Hofbauer et al., Cancer Res., Sep 2010; 70: 7336 - 7344	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">K2 Transfection System</a>	J. Saxton et al., FEBS Journal, 2016, 283: 1025-1038, doi:10.1111/febs.13607	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	R. S. Quintero-Barceinas et al., J. Biol. Chem., 2021, 296: 100214, doi.org/10.1074/jbc.RA120.014616	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	Y. Kuslansky et al., Journal of General Virology, 2016, 97: 3313-3330, DOI 10.1099/jgv.0.000624	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	R.S. Quintero-Barceinas et al., J. Biol. Chem., 2021, 296: 100214, doi.org/10.1074/jbc.RA120.014616	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	D. Safulina et al., The EMBO J., 2018, e99384, DOI 10.15252/embj.201899384	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	I. Kouskoumvekaki et al., J. Chem. Inf. Model., 2013, 53: 923-937, doi.org/10.1021/ci3006148	
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	M. Tinazzi, PhD Thesis, 2015, University of Verona	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	J. A. Yu et al., Mol. Biol. Cell, Nov 2009; 20: 4706 - 4719	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	R. Boudra et al., Cell Cycle, 2016, 15: 10,1352-1362; DOI: 10.1080/15384101.2016.1166319	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	A. Benito Mauricio, PhD Thesis, 2013, Universitat de Barcelona	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	S. Voigt, Dissertation, 2019, Technische Universität München	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	F. Maltecca et al., Hum. Mol. Genet., Sep 2012; 21: 3858 - 3870	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafectene</a>	M. C. Brown et al., Mol. Biol. Cell, Sep 2005; 16: 4316 - 4328	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafectene</a>	R. Boudra et al., Cell Cycle, 2016, 15: 10,1352-1362; DOI: 10.1080/15384101.2016.1166319	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafectene</a>	T. H. Pham et al., J. Virol., Mar 2013; 87: 3076 - 3086	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	V. Choubey et al., Autophagy, 2014, 10:6, 1105-1119, DOI: 10.4161/aut.28615	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafectene</a>	K.-C. Woo et al., FASEB J, Aug 2011; 25: 2757 - 2769	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafectene</a>	J. S. Jamieson et al., J. Cell Sci., Dec 2005; 118: 5835 - 5847	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	E. Xu et al., Mol. Cancer Res., 2014, 12(3): 359-369, DOI: 10.1158/1541-7786.MCR-13-0526	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Qvortrup et al., PLOS ONE, 2017, DOI: 10.1371/journal.pone.0162642	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene EASY</a>	R. B. El-Houri et al., Evidence-Based Compl. and Alter. Med., 2014, article 156398, doi.org/10.1155/2014/156398	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene EASY</a>	S. Kook Chun, PhD Thesis, 2014, Seoul National University	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene EASY</a>	S. K. Chun et al., ACS Chem. Biol., 2014, 9: 703-710, doi.org/10.1021/cb400752k	
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	D. Y. Orlova, PhD Thesis, 2012, Masaryk University	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	D. Y. Orlova, PhD Thesis, 2012, Masaryk University	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	S. Wurster, Dissertation, 2014, Universitaet Wuerzburg	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	M. Arechederra et al., J. Biol. Chem., 2015, 290(7): 4383-4397	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	M. Arechederra et al., J. Biol. Chem., 2015, 290(7): 4383-4397	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	D. Flügel et al., Blood, 2012, 119(5):1292-1301, doi:10.1182/blood-2011-08-375014	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	M. Arechederra et al., J. Biol. Chem., Feb 2015; 290: 4383 - 4397	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid	Stable Transfection	<a href="#">Metafactene PRO</a>	M. Arechederra et al., J. Biol. Chem., Feb 2015; 290: 4383 - 4397	
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	J. Suchánková et al., Europ. J. of Histochemistry, 2014; 58:2389, doi: 10.4081/ejh.2014.2389	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	M. Germain et al., J. Biol. Chem., Nov 2007; 282: 32233 - 32242	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	P. Sehnalova et al., Biol. Cell, 2014, 106 : 151-165 DOI: 10.1111/boc.201300076	
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	M. Boselli et al., J. Biol. Chem., 2017, 292 (47): 19209-19225	
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	K. Konopka et al., Cell Mol Biol Lett, Jan 2009; 14(1): 70-89	
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	D. Lo et al., Oncogene, 2015, 34:1688-1697; doi:10.1038/onc.2014.103	
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	M. A. Calderon, Doctoral Thesis, 2014, Universidad Complutense de Madrid	
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	M. Germain et al., J. Biol. Chem., Mar 2008; 283: 6384 - 6392	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	M. G. Alorro et al., genesis, 2017, 55: e23023, doi.org/10.1002/dvg.23023	
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	S. Legartova et al., J. Cell. Biochem., 2014, 115: 476-487, DOI 10.1002/jcb.24681	
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	F. P. L. Lai et al., Mol. Biol. Cell, Jul 2009; 20: 3209 - 3223	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	A. Nayeboadri et al., Am J Physiol Cell Physiol, Aug 2013; 305: C309 - C322	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	S. Liu et al., J. Biol. Chem., Jul 2015; 290: 17894 - 17908	
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	D. Flügel et al., Blood, 2012, 119(5):1292-1301, doi:10.1182/blood-2011-08-375014	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	L. S tixova al., Folia Biologica (Praha), 2014, 60(1): 76-84	
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	D. Safulina et al., The EMBO J., 2019, 38: e99384, DOI 10.15252/embj.201899384	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	S. Legartova et al., J. of Cellular Biochemistry, 2016, 117:2583-2596; DOI 10.1002/jcb.25551	
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	B. M. Elzinga et al., J. Biol. Chem., Jan 2009; 284: 1394 - 1409	<a href="#">Link</a>
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	E. Bartova et al., Protoplasma, 2017, 254: 2035-2043, DOI 10.1007/s00709-017-1076-1	
MEF	Mouse embryonic fibroblasts	ATCC SCRC-1040	Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	C. Beninca et al., Cellular Signalling 2014, 26: 1135-1146; doi.org/10.1016/j.cellsig.2014.01.009	
MEF 53BP1 -/-	Mouse embryonic fibroblasts, deficient of 53BP1 (derivat of MEF)		Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	J.-H. Lee et al., EMBO J., Feb 2010; 29: 574 - 585	
MEF alpha1 -/-	Mouse embryonic fibroblasts, deficient of AMPKalpha (derivat of MEF)		Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	R. Scholz et al., J. Biol. Chem., Oct 2009; 284: 27425 - 27437	<a href="#">Link</a>
MEF C/EBPalpha	Mouse embryonic fibroblasts, deficient of C/EBPalpha (derivat of MEF)		Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafactene</a>	E. Kowenz-Leutz et al., Biochim. et Biophys. Acta, 2016, 1859: 841-847; doi.org/10.1016/j.bbagr.2016.04.008	
MEF E10.5	Mouse embryonic fibroblasts		Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	S. Couillard-Despres et al., 2014, US 8,841,430	<a href="#">Link</a>
MEF GSK-3β -/	Mouse embryonic fibroblasts, deficient of GSK-3β (derivat of MEF)		Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	D. Flügel et al., Blood, Feb 2012; 119: 1292 - 1301	<a href="#">Link</a>
MEF GSK-3β +/	Mouse embryonic fibroblasts, stably expressing GSK-3β (derivat of MEF)		Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	D. Flügel et al., Blood, Feb 2012; 119: 1292 - 1301	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
MEF IFNAR -/-	Mouse embryonic fibroblasts, deficient of IFNAR		Mouse	Unknown	Unknown	Adherent	dsRNA		<a href="#">Metafectene</a>	M. Habjan et al., J. Virol., May 2009; 83: 4365 - 4375.	<a href="#">Link</a>
MEF LMNA -/-	Mouse embryonic fibroblasts (deficient of LMNA)		Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	E. Bartova et al., Protoplasma, 2017, 254: 2035-2043, DOI 10.1007/s00709-017-1076-1	
MEF p38alpha	Mouse embryonic fibroblasts, deficient of p38alpha (derivat of MEF)		Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. Arechederra et al., J. Biol. Chem., Feb 2015; 290: 4383 - 4397	
MEF p38alpha	Mouse embryonic fibroblasts, deficient of p38alpha (derivat of MEF)		Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	Á.Gutiérrez-Uzquiza et al., J. Biol. Chem., Jan 2012; 287: 2632 - 2642	<a href="#">Link</a>
MEF p62 -/-	Mouse embryonic fibroblasts, deficient of p62 (derivat of MEF)		Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. Jain et al., J. Biol. Chem., Jul 2010; 285: 22576 - 22591	<a href="#">Link</a>
MEF paxillin-/-	Mouse embryonic fibroblasts, deficient of paxillin		Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafectene</a>	J. S. Jamieson et al., J. Cell Sci., Dec 2005; 118: 5835 - 5847	<a href="#">Link</a>
MEF PTP-PEST	Mouse embryonic fibroblasts, deficient of PTP-Pest		Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafectene</a>	J. S. Jamieson et al., J. Cell Sci., Dec 2005; 118: 5835 - 5847	<a href="#">Link</a>
MEF Rb -/-	Mouse embryonic fibroblasts, deficient of Rb		Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafectene</a>	P. Hallenborg et al., Mol. Cell. Biol., Aug 2010; 30: 4077 - 4091	<a href="#">Link</a>
mESC	Mouse embryonic stem cells		Mouse	Unknown	stem cell	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	SY. Kim, Thesis, 2015, Seoul National University	<a href="#">Link</a>
mESC	Mouse embryonic stem cells		Mouse	Unknown	stem cell	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	M. Hein, Doctoral thesis, 2014, Julius-Maximilians-Universität Würzburg	<a href="#">Link</a>
mESC	Mouse embryonic stem cells		Mouse	Unknown	stem cell		Plasmid		<a href="#">Metafectene PRO</a>	R. Weiss et al., 2019, US 2019 / 0032141 A1	<a href="#">Link</a>
mESC	Mouse embryonic stem cells		Mouse	Unknown	stem cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	X. Duportet et al., Nucleic Acids Res., Dec 2014; 42: 13440 - 13451	<a href="#">Link</a>
mESC	Mouse embryonic stem cells		Mouse	Unknown	stem cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	X. Duportet, Dissertation, 2014, Université Paris Diderot	<a href="#">Link</a>
mESC	Mouse embryonic stem cells		Mouse	Unknown	stem cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	T. Schmidt, Dissertation, 2012, Julius-Maximilians-Universität Würzburg	<a href="#">Link</a>
MeWo	Human skin malignant melanoma cell line	ATCC HTB-65	Human	Skin	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	M. Rahaus et al., J. Gen. Virol., Nov 2003; 84: 2957 - 2967	<a href="#">Link</a>
MeWo	Human skin malignant melanoma cell line	ATCC HTB-65	Human	Skin	Cell Line	Adherent	MIDGE		<a href="#">Metafectene</a>	D. Kobelt, Dissertation, 2012, Humboldt-Universität zu Berlin	<a href="#">Link</a>
MeWo	Human skin malignant melanoma cell line	ATCC HTB-65	Human	Skin	Cell Line	Adherent	Minicircle		<a href="#">Metafectene</a>	D. Kobelt et al., Mol. Biotechnol., Mol Biotechnol, 2013, 53:80-89	
MeWo	Human skin malignant melanoma cell line	ATCC HTB-65	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. Kobelt, Dissertation, 2012, Humboldt-Universität zu Berlin	<a href="#">Link</a>
MeWo	Human skin malignant melanoma cell line	ATCC HTB-65	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Rahaus et al., Bioforum 9, 538, 2002	
MeWo	Human skin malignant melanoma cell line	ATCC HTB-65	Human	Skin	Cell Line	Adherent	Minicircle		<a href="#">Metafectene</a>	D. Kobelt, Dissertation, 2012, Humboldt-Universität zu Berlin	<a href="#">Link</a>
MG-63	Human bone osteosarcome cell line	ATCC CRL-1427	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	X. Liao et al., J Huazhong Univ Sci Technol Med Sci, Jan 2005; 25(6): 679-82	
MG-63	Human bone osteosarcome cell line	ATCC CRL-1427	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Klar et al., Mol. Cell. Biol., Nov 2005; 25: 10159 - 10170	<a href="#">Link</a>
MG-63	Human bone osteosarcome cell line	ATCC CRL-1427	Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	A. Notaro et al., Int. J. of Oncology, 2016, 48: 1039-1044; DOI: 10.3892/ijo.2015.3307	<a href="#">Link</a>
MG-63	Human bone osteosarcome cell line	ATCC CRL-1427	Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. Kerzendorfer et al., Hum. Mol. Genet., Apr 2010; 19: 1324 - 1334	<a href="#">Link</a>
MG-63	Human bone osteosarcome cell line	ATCC CRL-1427	Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	A. Notaro et al., Int. J. Biol. Sci., 2014, 10 (5): 466-478, doi: 10.7150/ijbs.8337	<a href="#">Link</a>
MG-63	Human bone osteosarcome cell line	ATCC CRL-1427	Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	D. Alcántara, PhD Thesis, 2012, University of Sussex	<a href="#">Link</a>
MG-63	Human bone osteosarcome cell line	ATCC CRL-1427	Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	A. D'Anneo et al., J. Cell. Physiol., 2013, 228: 952-967, DOI: 10.1002/jcp.24131	
MG-63	Human bone osteosarcome cell line	ATCC CRL-1427	Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	V. R. Lo Vasco et al., SpringerPlus, 2016, 5:156; DOI 10.1186/s40064-016-1768-6	<a href="#">Link</a>
MIA PaCa-2	Human pancreas carcinoma cell line	ATCC CRL-1420	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	P. J. Hodul et al., PLoS ONE, 2013, 8(2): e52526. doi:10.1371/journal.pone.0052526	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
MIA PaCa-2	Human pancreas carcinoma cell line	ATCC CRL-1420	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	P. J. Hodul et al., PLoS ONE, 2013, 8(2): e52526. doi:10.1371/journal.pone.0052526	<a href="#">Link</a>
MIA PaCa-2	Human pancreas carcinoma cell line	ATCC CRL-1420	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	P. J. Hodul et al., PLoS ONE, 2013, 8(2): e52526. doi:10.1371/journal.pone.0052526	<a href="#">Link</a>
MIA PaCa-2	Human pancreas carcinoma cell line	ATCC CRL-1420	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Pahle, Dissertation, 2017, Humboldt-Universität zu Berlin	<a href="#">Link</a>
MIA PaCa-2	Human pancreas carcinoma cell line	ATCC CRL-1420	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	E. Xu et al., Mol. Cancer Res., 2014, 12(3): 359-369, DOI: 10.1158/1541-7786.MCR-13-0526	<a href="#">Link</a>
MIA PaCa-2	Human pancreas carcinoma cell line	ATCC CRL-1420	Human	Digestive Organs	Cell Line	Adherent		Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	L. Qin, PhD Thesis, 2014, Indiana University	
MIA PaCa-2	Human pancreas carcinoma cell line	ATCC CRL-1420	Human	Digestive Organs	Cell Line	Adherent	sgRNA	CRISPR	<a href="#">Metafectene PRO</a>	C. Ren et al., J. Biol. Chem., Apr 2016; 291: 9629 - 9637	<a href="#">Link</a>
MIA PaCa-2	Human pancreas carcinoma cell line	ATCC CRL-1420	Human	Digestive Organs	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene PRO</a>	C. Ren et al., J. Biol. Chem., Apr 2016; 291: 9629 - 9637	<a href="#">Link</a>
MIA PaCa-2	Human pancreas carcinoma cell line	ATCC CRL-1420	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	L. Qin, PhD Thesis, 2014, Indiana University	
MIA PaCa-2	Human pancreas carcinoma cell line	ATCC CRL-1420	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	L. Qin et al., Oncotarget, 2016, 7 (14): 17726-17736	<a href="#">Link</a>
MIA PaCa-2	Human pancreas carcinoma cell line	ATCC CRL-1420	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. Ren et al., J. Biol. Chem., Apr 2016; 291: 9629 - 9637	<a href="#">Link</a>
MIA PaCa-2	Human pancreas carcinoma cell line	ATCC CRL-1420	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. Ren et al., J. Biol. Chem., Apr 2016; 291: 9629 - 9637	<a href="#">Link</a>
MIA PaCa-2	Human pancreas carcinoma cell line	ATCC CRL-1420	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	L. Qin et al., Mol. Pharmacol., Oct 2014; 86: 561 - 569	
MIA PaCa-2	Human pancreas carcinoma cell line	ATCC CRL-1420	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	L. Qin, PhD Thesis, 2014, Indiana University	
mICc12	Mouse small intestinal epithelial cell line		Mouse	Digestive Organs	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	A. Ericsson et al., J. Immunol., Mar 2006; 176: 3642 - 3651	<a href="#">Link</a>
mICc12	Mouse small intestinal epithelial cell line		Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	C. R. Walker et al., PLoS ONE, 2013, 8(12): e84553. doi:10.1371/journal.pone.0084553	<a href="#">Link</a>
MIEye8 retinal	Mouse retinal 3D neurospheres (from multipotent retinal stem cells)		Mouse	Sensory Organs	stem cell		Plasmid	3D cell culture	<a href="#">K2 Transfection System</a>	D.-W. Chen et al., Prec. Nanomed., 2018, 1(2):106-123, DOI: 10.29016/180711.1	<a href="#">Link</a>
mIMCD3	Mouse kidney inner medullary collecting duct (IMCD) cell line	ATCC CRL-2123	Mouse	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	J. L. Cano-Penalver et al., Mol. Med., 2015, 21:873-885; doi: 10.2119/molmed.2015.00059	<a href="#">Link</a>
mIMCD3	Mouse kidney inner medullary collecting duct (IMCD) cell line	ATCC CRL-2123	Mouse	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	J. L. Cano-Penalver et al., The FASEB J., 2014, 28 (8): 3645-3659, doi: 10.1096/fj.13-249250	<a href="#">Link</a>
mIMCD3	Mouse kidney inner medullary collecting duct (IMCD) cell line	ATCC CRL-2123	Mouse	Urinary System	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	W.-C. Lee et al., Am J Physiol Renal Physiol, Oct 2010; 299: F740 - F751	<a href="#">Link</a>
mIMCD3	Mouse kidney inner medullary collecting duct (IMCD) cell line	ATCC CRL-2123	Mouse	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	W.-C. Lee et al., Am J Physiol Renal Physiol, Oct 2010; 299: F740 - F751	<a href="#">Link</a>
mIMCD3	Mouse kidney inner medullary collecting duct (IMCD) cell line	ATCC CRL-2123	Mouse	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	M. Hatem-Vaquero et al., BBA - Gene Regulatory Mechanisms, 2017, 1860: 922-935	
mIMCD3	Mouse kidney inner medullary collecting duct (IMCD) cell line	ATCC CRL-2123	Mouse	Urinary System	Cell Line	Adherent	miRNA		<a href="#">Metafectene SI</a>	K. Kang et al., Am. J. Physiol. Cell Physio., 2021, 320: C225-C239, doi:10.1152/ajpcell.00441.2020	<a href="#">Link</a>
mIMCD3	Mouse inner medullary collecting duct cells	ATCC CRL-2123	Mouse	Urinary System	Cell Line	Adherent	miRNA		<a href="#">Metafectene SI</a>	K. Kang et al., Am J Physiol Cell Physiol, 2021, 320: C225-C239, doi:10.1152/ajpcell.00441.2020	<a href="#">Link</a>
MIN6	Mouse insulinoma pancreatic beta cell line		Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	D. Kuchenov, Dissertation, 2019, University of Heidelberg	<a href="#">Link</a>
MIN6	Mouse insulinoma pancreatic beta cell line		Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	A. Aslmy et al., Diabetes, 2018, 67(7): 1332-1344, doi.org/10.2337/db17-1352	
MIN6	Mouse insulinoma pancreatic beta cell line		Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. T. Templin et al., Mol. Endocrinol., 2014, 28(11): 1820-1830, doi: 10.1210/me.2014-1157	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
MIN6	Mouse insulinoma pancreatic beta cell line		Mouse	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	E. H. Han et al., PLoS ONE, 2012, 7(8): e44007, doi:10.1371/journal.pone.0044007	<a href="#">Link</a>
MIN6	Mouse insulinoma pancreatic beta cell line		Mouse	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	D. Li et al., ACS Chem. Biol., 2015, 10: 1054–1063; DOI: 10.1021/cb5007536	
MIN6	Mouse insulinoma pancreatic beta cell line		Mouse	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	E. H. Han et al., Biochem. and Biophys. Res. Commun., 2015, 468:14-20; doi.org/10.1016/j.bbrc.2015.11.007	
MIN6	Mouse insulinoma pancreatic beta cell line		Mouse	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	E. H. Han et al., PLoS ONE, 2012, 7(8): e44007, doi:10.1371/journal.pone.0044007	<a href="#">Link</a>
MIN6	Mouse insulinoma pancreatic beta cell line		Mouse	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	E. H. Han et al., Biochem. and Biophys. Res. Commun., 2015, 468:14-20; doi.org/10.1016/j.bbrc.2015.11.007	
MIN6	Mouse insulinoma pancreatic beta cell line		Mouse	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	L. Hu et al., Sci Rep 10, 2020, 17581, doi.org/10.1038/s41598-020-74593-w	<a href="#">Link</a>
MIN6	Mouse insulinoma pancreatic beta cell line		Mouse	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	L. Hu et al., bioRxiv preprint, 2019, doi: https://doi.org/10.1101/2020.01.11.902916	<a href="#">Link</a>
MIN6	Mouse insulinoma pancreatic beta cell line		Mouse	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	R. Fernandez-Ruiz et al., PLoS ONE, 2014, 9(2): e90344, doi:10.1371/journal.pone.0090344	<a href="#">Link</a>
MIN6	Mouse insulinoma pancreatic beta cell line		Mouse	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	E. H. Han et al., J. Biol. Chem., 2019, doi:10.1074/jbc.RA119.009558	<a href="#">Link</a>
MIN6	Mouse insulinoma pancreatic beta cell line		Mouse	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	Y. Luo et al., PLoS ONE, 2014, 9(6): e99049, doi:10.1371/journal.pone.0099049	<a href="#">Link</a>
MIN6	Mouse insulinoma pancreatic beta cell line		Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	L. Najmi, PhD Thesis, 2018, University of Bergen	<a href="#">Link</a>
MIN6	Mouse insulinoma pancreatic beta cell line		Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H. C. Barbosa-Sampaio et al., Diabetologia, 2013, 56: 2477–2486, DOI 10.1007/s00125-013-3006-x	<a href="#">Link</a>
MIN6	Mouse insulinoma pancreatic beta cell line		Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	K. Estrada, JAMA, 2014, 311(22): 2305-2314; doi:10.1001/jama.2014.6511	
MIN6	Mouse insulinoma pancreatic beta cell line		Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	P. Jungtrakoon et al., Diabetes, 2019, 68: 1084–1093, doi.org/10.2337/db17-0821	<a href="#">Link</a>
MIN6	Mouse insulinoma pancreatic beta cell line		Mouse	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	I. Garin et al., PNAS, Feb 2010; 107: 3105 - 3110	<a href="#">Link</a>
MKN-28	Human gastric cancer cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	P. J. Y. Toh et al., bioRxiv preprint, 2021, doi.org/10.1101/2021.03.19.436118	<a href="#">Link</a>
MKN-28	Human gastric cancer cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	C. A. T. Resende, PhD Thesis, 2014, Universidade do Porto	
MKN-28	Human gastric cancer cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA		<a href="#">Metafectene</a>	A. Rocco, et al., Lab. Investigation, 2012, 92: 1407–1418, doi:10.1038/labinvest.2012.100	<a href="#">Link</a>
MKN45	Human gastric adenocarcinoma cell line		Human	Digestive Organs	Cell Line		siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	S. V. Rao et al., BMC Cancer, 2017, 17:68, DOI 10.1186/s12885-017-3055-5	<a href="#">Link</a>
MKN45	Human gastric adenocarcinoma cell line		Human	Digestive Organs	Cell Line		Plasmid		<a href="#">Metafectene PRO</a>	L.-K. M. Selvik et al., PLoS ONE, 2014, 9 (11): e112485, doi:10.1371/journal.pone.0112485	<a href="#">Link</a>
MKN45	Human gastric adenocarcinoma cell line		Human	Digestive Organs	Cell Line		Plasmid		<a href="#">Metafectene PRO</a>	T. Bjornetro, Master Thesis, 2014, Norwegian University of Science and Technology	<a href="#">Link</a>
mMSC	Mouse bone marrow-derived mesenchymal stromal cells		Mouse	Bone	Primary Cell	Adherent	virus	Viral Transduction	<a href="#">K2 Transfection System</a>	M. Dumitrescu et al., Int. J. Mol. Sci. 2021, 22, 598, https://doi.org/10.3390/ijms22020598	
mMSC	Mouse bone marrow derived mesenchymal stem cells		Mouse	Bone	stem cell		Plasmid	RNA-Interference	<a href="#">Metafectene EASY</a>	G. Yannarelli et al., PLOS ONE, Dec 2017, https://doi.org/10.1371/journal.pone.0189131	<a href="#">Link</a>
mMSC	Mouse bone marrow derived mesenchymal stem cells		Mouse	Bone	stem cell	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene EASY</a>	R. Malvicini et al., Int. J. Mol. Sci., 2019, 20, 3268, doi:10.3390/ijms20133268	<a href="#">Link</a>
mMSC	Mouse bone marrow derived mesenchymal stem cells		Mouse	Bone	stem cell	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene EASY</a>	R. Malvicini et al., Int. J. Mol. Sci., 2019, 20, 3268, doi:10.3390/ijms20133268	<a href="#">Link</a>
mMSC	Murine monoclonal bone-marrow-derived mesenchymal stem cells (from C57BL/6 mice)		Murine	Bone	stem cell	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	C. D. Krause et al., Cell Res. & Therapy, 2011, 2:15, doi:10.1186/scr56	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
mMSC	Mouse bone marrow derived mesenchymal stem cells		Mouse	Bone	stem cell		Plasmid		<a href="#">Metafactene EASY</a>	C.D. Krause et al., Stem Cell Res Ther, Jan 2011; 2(2): 15	
mMSC	Mouse bone marrow derived mesenchymal stem cells		Mouse	Bone	stem cell		Plasmid		<a href="#">Metafactene PRO</a>	C.D. Krause et al., Stem Cell Res Ther, Jan 2011; 2(2): 15	
MODE-K	Murine small intestinal epithelial cell line		Murine	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	A. Ericsson et al., J. Immunol., Mar 2006; 176: 3642 - 3651	<a href="#">Link</a>
Mouse DRG neurons	Mouse neurons collected from all spinal cord levels of Swiss Webster male mice		Mouse	Nervous System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	K. M. Salerno et al., Neuroscience, 2013, 231: 28-37, doi:10.1016/j.neuroscience.2012.11.034.	<a href="#">Link</a>
Mouse DRG neurons	Mouse primary dorsal root ganglia neurons		Mouse	Nervous System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	X. X. Chi et al., J. Cell Sci., Dec 2009; 122: 4351 - 4362	<a href="#">Link</a>
Mouse DRG neurons	Mouse peripheral dorsal root ganglia neurons		Mouse	Nervous System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	X. Jing et al., Exp. Neurol., 2012, 233 (1): 221-232, doi:10.1016/j.expneurol.2011.10.005	<a href="#">Link</a>
Mouse DRG neurons	Mouse primary sensory neurons		Mouse	Nervous System	Primary Cell	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene PRO</a>	C. Bavassano et al., Biochim. et Biophysica Acta, 2013, 1833: 3166-3175, doi.org/10.1016/j.bbamcr.2013.09.001	<a href="#">Link</a>
Mouse VDEC	Mouse vas deferens epithelial cells		Mouse	Unknown	Unknown	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	L. Léotoing et al., J. Mol. Endocrinol., Aug 2007; 39: 151 - 162	<a href="#">Link</a>
MOVAS-1	Mouse aorta smooth muscle cells	ATCC CRL-2797	Mouse	Vasculature	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene PRO</a>	K. Lee et al., Arch. Pharm. Res., 2016, 39: 83-93; DOI 10.1007/s12272-015-0687-3	
MOVAS-1	Mouse aorta smooth muscle cells	ATCC CRL-2797	Mouse	Vasculature	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene PRO</a>	B. Park et al., Bioscience, Biotechnology, and Biochemistry, 2015, 79(4): 539-552; DOI: 10.1080/09168451.2014.991681	<a href="#">Link</a>
MOVAS-1	Mouse aorta smooth muscle cells	ATCC CRL-2797	Mouse	Vasculature	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	B. Park et al., Bioscience, Biotechnology, and Biochemistry, 2015, 79(4): 539-552; DOI: 10.1080/09168451.2014.991681	<a href="#">Link</a>
mPAC-L20	Mouse pancreatic duct cells		Mouse	Digestive Organs	Unknown		Plasmid		<a href="#">Metafactene</a>	G. Pujadas et al., Scientific Reports, 2016, 6:19223; DOI: 10.1038/srep19223	<a href="#">Link</a>
mPAC-L20	Mouse pancreatic duct cells		Mouse	Digestive Organs	Unknown		Plasmid		<a href="#">Metafactene</a>	M. Ejarque et al., J. Biol. Chem., Apr 2013; 288: 11705 - 11717	<a href="#">Link</a>
mPAC-L20	Mouse pancreatic duct cells		Mouse	Digestive Organs	Unknown		siRNA	RNA-Interference	<a href="#">Metafactene SI</a>	M. Ejarque et al., J. Biol. Chem., Apr 2013; 288: 11705 - 11717	<a href="#">Link</a>
mpkCCD	Mouse principal kidney cortical collecting duct cells		Mouse	Urinary System	Unknown	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M. Alsady et al., Am. J. Physiol. Renal Physiol., 2018, 314: F230-F239, doi: 10.1152/ajprenal.00297.2017	<a href="#">Link</a>
mpkCCD	Mouse principal kidney cortical collecting duct cells		Mouse	Urinary System	Unknown	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M. Alsady et al., Am. J. Physiol. Renal Physiol., 2017: ajprenal002972017, doi.org/10.1152/ajprenal.00297.2017	
mpkCCD	Mouse principal kidney cortical collecting duct cells		Mouse	Urinary System	Unknown	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	K.-P. Yip et al., Cell Physiol. Biochem., 2015,36:670-682; DOI: 10.1159/000430129	<a href="#">Link</a>
MRC5	Human fetal lung fibroblast cell line	ATCC CCL-171	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	M. Alagoz et al., Nucleic Acids Res., Mar 2014; 42: 3089 - 3103	<a href="#">Link</a>
MRC5	Human fetal lung fibroblast cell line	ATCC CCL-171	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	S. W. Lee et al., EMBO J., Nov 2012; 31: 4441 - 4452	<a href="#">Link</a>
MRC5	Human fetal lung fibroblast cell line	ATCC CCL-171	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	M. Alagoz et al., Nucleic Acids Res., Mar 2014; 42: 3089 - 3103	<a href="#">Link</a>
MRC5	Human fetal lung fibroblast cell line	ATCC CCL-171	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S.-C. Chiang, University of Sussex	<a href="#">Link</a>
MRC5	Human fetal lung fibroblast cell line	ATCC CCL-171	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M. I. Koukourakis et al., Laboratory Investigation, 2017, 97: 1321-1331, doi: 10.1038/labinvest.2017.79	
MRC5VA	Human SV40-transformed lung fibroblast cell line		Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	I. Abramowicz et al., Hum. Mol. Genet., Dec 2016, DOI: 10.1093/hmg/ddw364	
MRC5VA	Human SV40-transformed lung fibroblast cell line		Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	I. Abramowicz et al., HMG Advance Access, 2016	
MRC5VI	Human fibroblast cell line, SV40 transformed and immortalised		Human	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	S. Sertic et al., PNAS, Aug 2011; 108: 13647 - 13652	<a href="#">Link</a>
MSC80	Mouse schwann cell line		Mouse	Nervous System	Cell Line		Plasmid		<a href="#">Metafactene</a>	V. Phan et al., J. Proteome Res., 2018, 17: 2925-2936, DOI:10.1021/acs.jproteome.8b00022	
MSTO-211H	Human lung biphasic mesothelioma cell line	ATCC CRL-2081	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	S. Abe et al., J. Immunol., Jun 2013; 190: 6239 - 6249	<a href="#">Link</a>



CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
Mv1Lu	Mink lung epithelial cell line	ATCC CCL-64	Mink	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	M. Ilgu et al., Methods, 2016, 98: 26-33, doi.org/10.1016/j.ymeth.2015.12.009	
MZ-54	Human malignant astrocytoma cell line		Human	Brain	Cell Line		Plasmid		<a href="#">Metafectene</a>	V. Voss et al., Mol. Cancer Res., Jul 2010; 8: 1002 - 1016	<a href="#">Link</a>
Mz-ChA-2	Human extrahepatic biliary tract gallbladder carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	N. Golob-Schwarzl et al., J. of Cancer Res. and Clin. Oncology, 2019, 145: 2699-2711, doi.org/10.1007/s00432-019-03030-x	<a href="#">Link</a>
MZC	Human primary glioblastoma cells		Human	Brain	Primary Cell		Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene EASY</a>	M. Nabissi et al., Carcinogenesis, Jan 2013; 34: 48 - 57	<a href="#">Link</a>
MZC	Human primary glioblastoma cells		Human	Brain	Primary Cell		siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene EASY</a>	M. Nabissi et al., Carcinogenesis, Jan 2013; 34: 48 - 57	<a href="#">Link</a>
MZC	Human primary glioblastoma cells		Human	Brain	Primary Cell		siRNA	RNA-Interference	<a href="#">Metafectene EASY</a>	M. Nabissi et al., Carcinogenesis, Jan 2013; 34: 48 - 57	<a href="#">Link</a>
MZC	Human primary glioblastoma cells		Human	Brain	Primary Cell		Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	M. Nabissi et al., Carcinogenesis, May 2010; 31: 794 - 803	<a href="#">Link</a>
MZC	Human primary glioblastoma cells		Human	Brain	Primary Cell		siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	M. Nabissi et al., Carcinogenesis, May 2010; 31: 794 - 803	<a href="#">Link</a>
MZC	Human primary glioblastoma cells		Human	Brain	Primary Cell		siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M. Nabissi et al., Carcinogenesis, May 2010; 31: 794 - 803	<a href="#">Link</a>
N1E-115-1	Mouse neuroblastoma cell line (subclone of N1E-115)		Mouse	Nervous System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	C. Bavassano et al., Biochim. et Biophysica Acta, 2013, 1833: 3166-3175, doi.org/10.1016/j.bbamcr.2013.09.001	<a href="#">Link</a>
N20.1	Mouse embryonic hypothalamus oligodendrocyte cell line		Mouse	Nervous System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Couillard-Despres et al., 2014, US 8,841,430	<a href="#">Link</a>
N20.1	Mouse embryonic hypothalamus oligodendrocyte cell line		Mouse	Nervous System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Karl et al., J Neurochemistry, 2005, 92, 264-282	
NB-6	Chinese Hamster Ovary cell line		Hamster	Genital Tract	Cell Line	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	V. Noé et al., Int. J. Mol. Sci., 2021, 22(7): 3784, doi: 10.3390/ijms22073784	<a href="#">Link</a>
NCI H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	W. Huang, PhD Thesis, 2014, Indiana University	<a href="#">Link</a>
NCI H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	S. W. Yang, PhD Thesis, 2014, Seoul National University	<a href="#">Link</a>
NCI H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	M.-J. Kim et al., Cancer Letters, 2013, 339: 15-24, doi.org/10.1016/j.canlet.2013.07.027	<a href="#">Link</a>
NCI H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	U. K. Mukhopadhyay et al., Cytokine, 2016; 82: 70-79; doi.org/10.1016/j.cyto.2016.01.013	
NCI H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. H. Park et al., Nature Communications, 2016, 7:12513; DOI: 10.1038/ncomms12513	<a href="#">Link</a>
NCI H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	D. Lo et al., Oncogene, 2015, 34:1688-1697; doi:10.1038/onc.2014.103	
NCI H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	D. Lo et al., Oncogene, 2015, 34:1688-1697; doi:10.1038/onc.2014.103	
NCI H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	I. V. Karagounis et al., British Journal of Cancer, 2016, 115: 312-321; doi: 10.1038/bjc.2016.202	<a href="#">Link</a>
NCI H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	D. Lo et al., Oncogene, 2015, 34:1688-1697; doi:10.1038/onc.2014.103	
NCI H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	R. A. N. Hashm Tumia, Masterthesis, Indiana University	<a href="#">Link</a>
NCI H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	I. V. Karagounis et al., British Journal of Cancer, 2016, 115: 312-321; doi: 10.1038/bjc.2016.202	<a href="#">Link</a>
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	X. Zhou et al., J. Biol. Chem., Jul 2013; 288: 21793 - 21801	<a href="#">Link</a>
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	T.-H. Kang et al., Mol. Cell. Biol., Dec 2007; 27: 8533 - 8546	<a href="#">Link</a>
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	A. R. Cuddihy et al., Mol. Cancer Ther., Apr 2008; 7: 980 - 992	<a href="#">Link</a>
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. M. Nałaskowski et al., J. Biol. Chem., Feb 2011; 286: 4500 - 4510	<a href="#">Link</a>
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C.-H. Park et al., Mol. Biol. Cell, Apr 2011; 22: 1398 - 1408	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	Y. Chuman et al., J. Biochem., Jan 2009; 145: 1 - 12	
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	X. Zhou et al., J. Biol. Chem., Jul 2013; 288: 21793 - 21801	<a href="#">Link</a>
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Mohibi et al., J. of Investigative Dermatology, 2020, 140: 2166e2177, doi: 10.1016/j.jid.2020.03.942	<a href="#">Link</a>
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T.-H. Kang et al., Mol. Cell. Biol., Dec 2007; 27: 8533 - 8546	<a href="#">Link</a>
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T.-H. Kang et al., Mol. Cell. Biol., Dec 2007; 27: 8533 - 8546	<a href="#">Link</a>
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	sgRNA	CRISPR	<a href="#">Metafectene PRO</a>	C. Ren et al., J. Biol. Chem., Apr 2016; 291: 9629 - 9637	<a href="#">Link</a>
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene PRO</a>	C. Ren et al., J. Biol. Chem., Apr 2016; 291: 9629 - 9637	<a href="#">Link</a>
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. Ren et al., J. Biol. Chem., Apr 2016; 291: 9629 - 9637	<a href="#">Link</a>
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M. I Koukourakis et al., Laboratory Investigation, 2017, 97: 1321-1331, doi: 10.1038/labinvest.2017.79	
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	A. Tsolou et al., Cancer Biol. Med., 2017, 14 (3): 293-301, doi: 10.20892/j.issn.2095-3941.2017.0049	<a href="#">Link</a>
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	P. Saveri et al., Cells, 2020, 9, 1028, doi: 10.3390/cells9041027	<a href="#">Link</a>
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. Margiotta et al., Biochim. et Biophys. Acta, 2017, 1864: 367-381; doi.org/10.1016/j.bbamcr.2016.11.020	
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. Margiotta et al., European J. of Histochemistry, 2017, 61:2783	<a href="#">Link</a>
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	W. Huang et al., Oncogene, 2016, 35:783-792; doi:10.1038/onc.2015.215	
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	Y.-S. Jung et al., J. Biol. Chem., Oct 2011; 286: 35388 - 35395	<a href="#">Link</a>
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	X. Zhou et al., J. Biol. Chem., Jul 2013; 288: 21793 - 21801	<a href="#">Link</a>
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	A. Margiotta et al., Biochimica et Biophysica Acta, 2017, 1864: 367-381	
NCI-H1299	Human lung carcinoma cell line	ATCC CRL-5803	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	A. Margiotta et al., Biochim. et Biophys. Acta, 2017, 1864: 367-381; doi.org/10.1016/j.bbamcr.2016.11.020	
NCI-H157	Human non small cell lung carcinoma cell line	ATCC CRL-5802	Human	Respiratory System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	S. Kanyanda, Dissertation, 2012, University of the Western Cape	<a href="#">Link</a>
NCI-H1975	Human non-small cell lung adenocarcinoma cell line	ATCC CRL-5908	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	D. Kuchenov, Dissertation, 2019, University of Heidelberg	<a href="#">Link</a>
NCI-H290	Human pleural malignant mesothelioma cell line		Human	Unknown	Cell Line		Plasmid	Stable Transfection	<a href="#">Metafectene</a>	S. Abe et al., Cancer Sci., 2016, 107: 1198-1205; doi: 10.1111/cas.12985	<a href="#">Link</a>
NCI-H295	Human adrenal carcinoma cell line		Human	Other	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	I. K. Johnsen et al., Cancer Res., Jul 2009; 69: 5784 - 5792	<a href="#">Link</a>
NCI-H295R	Human adrenal gland carcinoma cell line	ATCC CRL-2128	Human	Other	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	T. Sugawara et al., J. Biol. Chem., Oct 2003; 278: 42487 - 42494	<a href="#">Link</a>
NCI-H295R	Human adrenocortical carcinoma cell line	ATCC CRL-2128	Human	Other	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	T. Sugawara et al., J. Endocrinol., Oct 2006; 191: 327 - 337	<a href="#">Link</a>
NCI-H295R	Human adrenocortical carcinoma cell line	ATCC CRL-2128	Human	Other	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	T. Bozoglu, Dissertation, 2016, Ludwig-Maximilians-Universität zu München	<a href="#">Link</a>
NCI-H441	Human lung papillary adenocarcinoma cell line	ATCC HTB-174	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	S. M. Usmani et al., Cell. Microbiology, 2012, 14(3): 299-315, doi:10.1111/j.1462-5822.2011.01724.x	<a href="#">Link</a>
NCI-H441-eGFP	Human lung papillary adenocarcinoma cell line, stably expressing eGFP (derivat of NCI-H441)		Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	P. del Pino et al., Nano Lett, Oct 2010; 10 (10): 3914-21	
NCI-H460	Human large cell lung carcinoma cell line	ATCC HTB-177	Human	Respiratory System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	M.-J. Kim et al., Cancer Letters, 2013, 339: 15-24, doi.org/10.1016/j.canlet.2013.07.027	<a href="#">Link</a>
NCI-H460	Human large cell lung carcinoma cell line	ATCC HTB-177	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M.-J. Kim et al., Cancer Letters, 2013, 339: 15-24, doi.org/10.1016/j.canlet.2013.07.027	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
NCI-H838	Human non-small cell lung adenocarcinoma cell line	ATCC CRL-5844	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	D. Kuchenov, Dissertation, 2019, University of Heidelberg	<a href="#">Link</a>
NCTC clone 141	Mouse liver derived cell line	ATCC CCL-9.1	Mouse	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M. I. Koukourakis et al., Scientific Reports, 2016, 6:30986; DOI: 10.1038/srep30986	<a href="#">Link</a>
NCTC clone 141	Mouse liver derived cell line	ATCC CCL-9.1	Mouse	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M. I. Koukourakis et al., Investigational New Drugs, 2018, doi.org/10.1007/s10637-018-0566-0	
Neuro-2A	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	S. W. Yang, PhD Thesis, 2014, Seoul National University	<a href="#">Link</a>
Neuro-2A	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	S. W. Yang, PhD Thesis, 2014, Seoul National University	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	mRNA		<a href="#">Metafectene</a>	T. P. Hoernes et al., Genes, 2019, 10, 84, doi:10.3390/genes10020084	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. W. Yang et al., J. Neurosci., Jul 2013; 33: 12728 - 12738	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	E. Sontag et al., J. Neurosci., Mar 2007; 27: 2751 - 2759	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S.-W. Huang et al., Virology, 2012, 422: 132-143doi:10.1016/j.virol.2011.10.015	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. A. Friberg et al., J. Biol. Chem., May 2004; 279: 19441 - 19447	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Oligonucleotide		<a href="#">Metafectene</a>	J. Birk et al., J. Cell Sci., Nov 2009; 122: 3994 - 4002	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Shin et al., Mol. Cell. Biol., Dec 2007; 27: 8113 - 8126	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Karl et al., J Neurochemistry, 2005, 92, 264-282	
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Birk et al., J. Cell Sci., Nov 2009; 122: 3994 - 4002	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S.-H. Kim et al., J. Neurochem., 2015, 2015, 132: 642-656	<a href="#">Link</a>
Neuro-2A	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Couillard-Despres et al., 2014, US 8,841,430	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	L. Cogli et al., Acta Neuropathol, 2013, 125: 257-272, DOI 10.1007/s00401-012-1063-8	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	H. Y. Sung et al., Scientific Reports, 2021, 11: 12511, doi.org/10.1038/s41598-021-91982-x	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	J.-M. Sontag et al., J. Neurosci., Nov 2008; 28: 11477 - 11487	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	A.-C. Hau et al., Scientific Reports, 2021, 11: 21013, doi.org/10.1038/s41598-021-99968-	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	G. Forlani et al., Hum. Mol. Genet., Aug 2010; 19: 3114 - 3123	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	G. Taleski et al., J Biol Chem., 2021; 296: 100237, .doi.org/10.1074/jbc.RA120.016069	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	J.-M. Sontag et al., J. Biol. Chem., Sep 2013; 288: 27396 - 27405	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	A.-C. Hau et al., Scientific Reports, 2021, 11: 21013, doi.org/10.1038/s41598-021-99968-	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	J.-M. Sontag et al., J. Biol. Chem., Sep 2013; 288: 27396 - 27405	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	C. Kruse, Dissertation, 2012, Universitätsklinikum Hamburg-Eppendorf	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	I.E. Frohner et al., Resource, 2020, 30, 9: P3171-3182.e6, doi.org/10.1016/j.celrep.2020.02.035	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	C. Hidaka et al., Biochem. and Biophys. Res. Commun., 2015, 462: 346e351; doi.org/10.1016/j.bbrc.2015.04.139	
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	K. Kankowski, Dissertation, 2015, Universitätsklinikum Hamburg-Eppendorf	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	T. Ubina et al., J. Cell Sci., 2021, 134, jcs257212, doi:10.1242/jcs.257212	<a href="#">Link</a>
Neuro-2A	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J.-M. Sontag et al., J. of Drug and Alcohol Res., 2014, 3: article 235854, doi:10.4303/jdar/235854	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	L. Cogli et al., Acta Neuropathol, 2013, 125: 257-272, DOI 10.1007/s00401-012-1063-8	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	T. Vahedi-Hunter et al., bioRxiv preprint, doi.org/10.1101/2020.07.28.224691	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J.-M. Sontag et al., J. of Biol. Chem., 2012, 287, (18): 14984-14993, DOI 10.1074/jbc.M111.338681	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H. Y. Sung et al., Scientific Reports, 2021, 11: 12511, doi.org/10.1038/s41598-021-91982-x	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J.-M. Sontag et al., J. Biol. Chem., Apr 2012; 287: 14984 - 14993	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	P. Saveri et al., Cells, 2020, 9, 1028, doi: 10.3390/cells9041026	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. M. Riccomagno et al., Cell, 2012, 149 (7): 1594-1606, doi:10.1016/j.cell.2012.05.018	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	G. Taleski et al., J Biol Chem., 2021; 296: 100237, .doi.org/10.1074/jbc.RA120.016069	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. A. Pinker, Dissertation, 2013, Technische Universität München	<a href="#">Link</a>
Neuro-2a	Mouse brain neuroblastoma cell line	ATCC CCL-131	Mouse	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	L. Cogli et al., Acta Neuropathol, 2013, 125: 257-272, DOI 10.1007/s00401-012-1063-8	<a href="#">Link</a>
Neuroscreen-1	Rat adrenal gland pheochromocytoma cell line (derivate of PC12)		Rat	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. J. Bradshaw et al., PLoS ONE, 2014, 9 (10): e111196, doi:10.1371/journal.pone.0111196	<a href="#">Link</a>
NG108-15	Rat/Mouse neuroblastoma cell line, somatic cell hybrid	ATCC HB-12317	Rat/Mouse Hybrid	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	F. Iseppon et al., Frontiers in Cellular Neuroscience, 2015, 9: 333; doi: 10.3389/fncel.2015.00333	<a href="#">Link</a>
NG108-15	Rat/Mouse neuroblastoma cell line, somatic cell hybrid	ATCC HB-12317	Rat/Mouse Hybrid	Brain	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene EASY</a>	P. Rauch et al., Eur. Biophys. J., 2013, 42: 591-605, DOI 10.1007/s00249-013-0907-z	<a href="#">Link</a>
NG108-15	Rat/Mouse neuroblastoma cell line, somatic cell hybrid	ATCC HB-12317	Rat/Mouse Hybrid	Brain	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene EASY</a>	P. Rauch et al., New J. of Physics, 2013, 15, doi:10.1088/1367-2630/15/1/015007	<a href="#">Link</a>
NG108-15	Rat/Mouse neuroblastoma cell line, somatic cell hybrid	ATCC HB-12317	Rat/Mouse Hybrid	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	F. Iseppon et al., Journal of Biological Methods, 2017, 4 (1), e65; DOI: 10.14440/jbm.2017.159	<a href="#">Link</a>
NHF	Human neonatal foreskin fibroblasts		Human	Genital Tract	Unknown	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	J. R. Skaar et al., J. Cell Biol., Oct 2009; 187: 25 - 32	<a href="#">Link</a>
NHF	Human neonatal foreskin fibroblasts		Human	Genital Tract	Unknown	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. A. Eckers, Dissertation, 2013, University of Iowa	<a href="#">Link</a>
NHF	Human neonatal foreskin fibroblasts		Human	Genital Tract	Unknown	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. C. Eckers et al., Int. J. Radiat. Oncol. Biol. Phys., 2013, 87(3): 619-625, doi: 10.1016/j.ijrobp.2013.06.2063	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	K. M. Mills, 2015, University of Sydney, Westmead Millenium Institute	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	K. M. Mills et al., Mol. Biol. Cell , Feb 2016; 27: 466 - 482	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	U. Rand et al., Nucl. Acids Res., 2014, e109, doi: 10.1093/nar/gku492	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	P. K. Kwon et al., The FASEB Journal., 2021, 35: e21507, DOI: 10.1096/fj.202002076R	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	P. K. Kwon et al., The FASEB Journal., 2021, 35: e21507, DOI: 10.1096/fj.202002076R	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	A. Pretorius et al., J. of BioSciences, 2013, 2(2), DOI: 10.5176/2251-3140_2.2.42	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	L. Tangeman et al., J. RNAi Gene Silencing, 2012, 8: 470-478	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	T. Davis, Master Thesis, 2013, Stellenbosch University	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	R. Higgs et al., J. Immunol., Aug 2008; 181: 1780 - 1786	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	R. Higgs et al., J. Immunol., Aug 2008; 181: 1780 - 1786	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	bacmid	Stable Transfection	<a href="#">Metafectene</a>	U. Rand et al., Mol. Systems Biology 8, 2012, 584, doi:10.1038/msb.2012.17	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	bacmid	Stable Transfection	<a href="#">Metafectene</a>	U. Rand et al., Mol Syst Biol, Jul 2014; 8: 584	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	J.-H. Ryu et al., J. Biol. Chem., Aug 2006; 281: 22039 - 22047	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	T. Davis, Master Thesis, 2013, Stellenbosch University	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	U. Rand et al., Mol. Systems Biology 8, 2012, 584, doi:10.1038/msb.2012.17	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	U. Rand et al., Mol Syst Biol, Jul 2014; 8: 584	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	A. Pretorius et al., J. of BioSciences, 2013, 2(2), DOI: 10.5176/2251-3140_2.2.42	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	C. Larcher et al., J Hematology, 88(12), 1324, 2003	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Schönichen et al., J. Biol. Chem., Feb 2006; 281: 5084 - 5093	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D.-Y. Kim et al., Cell Death and Differentiation, 2013, 20: 226-234, doi: 10.1038/cdd.2012.109	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D.-Y. Kim et al., Nucleic Acids Res., Nov 2011; 39: 8901 - 8914	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	H. Kiaris et al., PNAS, Aug 2003; 100: 9512 - 9517	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	P. Orth et al., Mol Biotechnol, Feb 2008; 38 (2): 137-44	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D.-Y. Kim et al., Nucleic Acids Res., Nov 2010; 38: 7068 - 7078	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Lee et al., bioRxiv preprint, 2021, doi.org/10.1101/2021.01.26.428248	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. M. Doran et al., Biochimie, 2011, 93(2): 361-368, doi: 10.1016/j.biochi.2010.10.009	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K.-H. Lee et al., Mol. Cell. Biol., Feb 2012; 32: 717 - 728	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	G. Brady et al., J. Biol. Chem., Sep 2005; 280: 30723 - 30734	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Mukhamedova et al., J. Lipid Res., Nov 2008; 49: 2312 - 2322	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	X. Gao et al., Parasites & Vectors, 2015, 8: 14; DOI 10.1186/s13071-014-0609-0	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Oligonucleotide		<a href="#">Metafectene</a>	H. Mietz et al., Invest. Ophthalmol. Vis. Sci., May 2003; 44: 4290	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Kröger et al., Cancer Res., Apr 2007; 67: 2972 - 2981	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Stirnweiss et al., J. Immunol., May 2010; 184: 5179 - 5185	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	U. Rand et al., Nucleic Acids Res., Jul 2014; 42: e109	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene EASY</a>	I. Park et al., Endocrinol. Metab., 2014, 29: 379-387, doi.org/10.3803/EnM.2014.29.3.379	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene EASY</a>	J. Lee, Dissertation, 2016, Seoul National University	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	A. V. Maganti et al., J. Biol. Chem., 2015, 290(15): 9812-9822, DOI 10.1074/jbc.M114.616219	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	S. Liu et al., J. Biol. Chem., 2015, 290(29): 17894-17908; DOI 10.1074/jbc.M114.607184	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	B. Schröder-Heurich et al., FASEB J, Mar 2014; 28: 1331 - 1341	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	S. Liu et al., J. Biol. Chem., 2015, 290(29): 17894-17908; DOI 10.1074/jbc.M114.607184	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	H. Brunton et al., Mol. Cell. Biol., Oct 2011; 31: 4022 - 4035	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	K. Klement et al., J. Cell Biol., Dec 2014; 207: 717 - 733	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	S. Liu et al., J. Biol. Chem., 2015, 290(29): 17894-17908; DOI 10.1074/jbc.M114.607184	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	N. Fourier et al., levilab.net.technion.ac.il	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	C. Morich, Dissertation, 2016, Georg-August University Göttingen	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	bacmid	Stable Transfection	<a href="#">Metafectene PRO</a>	M. Khateb et al., PLOS ONE, 2016; DOI: 10.1371/journal.pone.0156812	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	K. Konopka et al., Cell Mol Biol Lett, Jan 2009; 14(1): 70-89	
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. V. Maganti et al., J. Biol. Chem., Apr 2015; 290: 9812 - 9822	
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. Buntru, Dissertation, 2012, Universität Konstanz	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H. N. Pfäffle et al., Cancer Res., Oct 2013; 73: 6254 - 6263	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. S. Johnson et al., J. Biol. Chem., Nov 2014; 289: 32798 - 32810	
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	J. S. Johnson, PhD Thesis, 2014, Indiana University	
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	T. G. Deering et al., Diabetes, Jan 2009; 58: 185 - 193	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	R. Costa et al., Cell Physiol. Biochem., 2018, 45: 867-882	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	R. Costa., Front. Cell Dev. Biol., 2020, 8: 607080, doi: 10.3389/fcell.2020.607080	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	bacmid		<a href="#">Metafectene PRO</a>	N. Fourier et al., bioRxiv, 2018, doi.org/10.1101/396291	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	C. Beninca et al., Cellular Signalling 2014, 26: 1135-1146; doi.org/10.1016/j.cellsig.2014.01.009	
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S. Liu et al., J. Biol. Chem., Jul 2015; 290: 17894 - 17908	
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. V. Magnati, PhD Thesis, 2015, India University	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	E. Mass, Dissertation, 2013, Rheinische Friedrich-Wilhelms-Universität Bonn	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	L. Damalakiene et al., Int. J. of Nanomedicine, 2013, 8: 555-568, doi.org/10.2147/IJN.S39658	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	X. Gao et al., Mol. Biol. Cell, Feb 2012; 23: 503 - 515	<a href="#">Link</a>
NIH/3T3	Mouse embryonic fibroblast cell line	ATCC CRL-1658	Mouse	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	B. Schröder-Heurich, Dissertation, 2014, Gottfried Wilhelm Leibniz Universität Hannover	<a href="#">Link</a>
NIT-1	Mouse (Non-obese diabetic NOD) insulinoma cell line	ATCC CRL-2055	Mouse	Digestive Organs	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	U. Sengupta, PhD Thesis, 2014, Universitat de Lleida	<a href="#">Link</a>
NLF	Human neuroblastoma cell line		Human	Unknown	Cell Line		Plasmid	RNA-Interference	<a href="#">Metafectene</a>	S. Vomund et al., Cerebral Cortex, March 2017, 27: 2052-2063	<a href="#">Link</a>
NLF	Human neuroblastoma cells		Human	Unknown	Unknown		Plasmid	RNA-Interference	<a href="#">Metafectene</a>	S. Vomund et al., Cereb Cortex, Mar 2016; 10.1093/cercor/bhw060	<a href="#">Link</a>
NLF	Human neuroblastoma cells		Human	Unknown	Unknown		Plasmid		<a href="#">Metafectene</a>	S. Vomund et al., Cereb Cortex, Mar 2016; 10.1093/cercor/bhw060	<a href="#">Link</a>
NLF	Human neuroblastoma cells		Human	Unknown	Unknown		Plasmid		<a href="#">Metafectene</a>	V. Bader et al., Hum. Mol. Genet., Oct 2012; 21: 4406 - 4418	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
NLF	Human neuroblastoma cell line		Human	Unknown	Cell Line		Plasmid		<a href="#">Metafectene</a>	V. Bader et al., J. of Visualized Experiments, DOI: doi:10.3791/4132	<a href="#">Link</a>
NLF	Human neuroblastoma cell line		Human	Unknown	Cell Line		Plasmid		<a href="#">Metafectene</a>	N. J. Bradshaw et al., PLoS ONE, 2014, 9 (10): e111196, doi:10.1371/journal.pone.0111196	<a href="#">Link</a>
NLF	Human neuroblastoma cell line		Human	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	P. J. Hendriks, Dissertation, 2012, Heinrich-Heine-Universität Düsseldorf	<a href="#">Link</a>
NLF	Human neuroblastoma cells		Human	Unknown	Unknown		Plasmid		<a href="#">Metafectene</a>	S. R. Leliveld et al., J. Neurosci., Apr 2008; 28: 3839 - 3845	<a href="#">Link</a>
NLF	Human neuroblastoma cell line		Human	Unknown	Cell Line		Plasmid		<a href="#">Metafectene</a>	A. S. K.Yerabham et al., PLOS ONE, 2018, doi.org/10.1371/journal.pone.0191162	<a href="#">Link</a>
NMuMG	Mouse mammary gland cell line	ATCC CRL-1636	Mouse	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	K. Konopka et al., Cell Mol Biol Lett, Jan 2009; 14(1): 70-89	
NRK-49F	Rat kidney cell line	ATCC CRL-1570	Rat	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. K. Rathke, Dissertation, 2012, Universität Hamburg	<a href="#">Link</a>
NRK-52E	Rat kidney cell line	ATCC CRL-1571	Rat	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. M. Nalaskowski et al., J. Biol. Chem., May 2003; 278: 19765 - 19776	<a href="#">Link</a>
NSC34	Mouse motor neuron-like hybrid cell line		Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Schmidt, Dissertation, 2020, RWTH Aachen University	<a href="#">Link</a>
NSC34	Mouse motor neuron-like hybrid cell line		Mouse	Unknown	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	N. Hensel et al., Cellular Signalling, 2014, 26: 540-548; doi.org/10.1016/j.cellsig.2013.11.027	
NSC34	Mouse motor neuron-like hybrid cell line of neuroblastoma and spinal cord cells		Mouse	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	L. M. Walter et al., Scientific Reports, 2021, 11: 10287, doi.org/10.1038/s41598-021-89397	<a href="#">Link</a>
NSC34	Mouse motor neuron-like hybrid cell line		Mouse	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	N. Hensel et al., Cellular Signalling, 2014, 26: 540-548; doi.org/10.1016/j.cellsig.2013.11.027	
NSC34	Mouse motor neuron-like hybrid cell line of neuroblastoma and spinal cord cells		Mouse	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	L.M. Walter, Thesis, 2020, University of Veterinary Medicine Hannover	<a href="#">Link</a>
NSC34	Mouse motor neuron-like hybrid cell line of neuroblastoma and spinal cord cells		Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	L.M. Walter, Thesis, 2020, University of Veterinary Medicine Hannover	<a href="#">Link</a>
NSC34	Mouse motor neuron-like hybrid cell line		Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	N. Hensel et al., Cellular Signalling, 2014, 26: 540-548; doi.org/10.1016/j.cellsig.2013.11.027	
NSC34	Mouse motor neuron-like hybrid cell line		Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. Nölle et al., Hum. Mol. Genet., Dec 2011; 20: 4865 - 4878	<a href="#">Link</a>
NT2D1	Human malignant pluripotent embryonal carcinoma stem cell line	ATCC CRL-1973	Human	Genital Tract	stem cell	Adherent	Plasmid		<a href="#">Metafectene</a>	L. Sessa et al., RNA, Feb 2007; 13: 223 - 239	<a href="#">Link</a>
NTERA2	Human malignant pluripotent embryonal carcinoma stem cell line	ATCC CRL-1973	Human	Genital Tract	stem cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. G. Aluigi et al., Eur J Histochem, Oct 2007; 51(4): 301-4	
NTM	Human normal trabecular meshwork cells		Human	Sensory Organs	Primary Cell	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	T. Carreon, University of Miami, Scholarly Repository, Open Access Dissertations	<a href="#">Link</a>
NTM	Human normal trabecular meshwork cells		Human	Sensory Organs	Primary Cell	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	T. A. Carreon et al., SCIENTIFIC REPORTS, nature.com, 7:452, DOI:10.1038/s41598-017-00430-2	
NXS2	Murine neuroblastoma cell line		Murine	Brain	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	A. Stermann, Dissertation, 2014, Humboldt-Universität zu Berlin	<a href="#">Link</a>
OCM-1	Human uveal melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M. Venza et al., Biochem. and Biophys. Res. Commun., 2013, 441: 743-750, doi.org/10.1016/j.bbrc.2013.10.114	
OCM-1	Human uveal melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	I. Venza et al., Int. Immunopharmacol., 2014, 21: 439-446; doi.org/10.1016/j.intimp.2014.05.024	
OCM-1	Human uveal melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	I. Venza et al., Int. Immunopharmacol., 2014, 21: 439-446; doi.org/10.1016/j.intimp.2014.05.024	
OCM-3	Human uveal melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	I. Venza et al., Int. Immunopharmacol., 2014, 21: 439-446; doi.org/10.1016/j.intimp.2014.05.024	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
OCM-3	Human uveal melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M. Venza et al., Biochem. and Biophys. Res. Commun., 2013, 441: 743-750, doi.org/10.1016/j.bbrc.2013.10.114	
OCM-3	Human uveal melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	I. Venza et al., Int. Immunopharmacol., 2014, 21: 439-446; doi.org/10.1016/j.intimp.2014.05.024	
OLN-93	Rat oligodendroglial cells		Rat	Nervous System	Unknown	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	K. Pukaß et al., Frontiers in Cellular Neuroscience, 2015, 9: 163; doi: 10.3389/fncel.2015.00163	<a href="#">Link</a>
OLN-t40	Rat oligodendroglial cells (derivat of OLN-93)		Rat	Nervous System	Unknown	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	J. Leyket et al., J. Mol. Neurosci., 2015, 55: 1031-1046; DOI 10.1007/s12031-014-0460-y	
OLN-t40	Rat oligodendroglial cells (derivat of OLN-93)		Rat	Nervous System	Unknown	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	M. Noack et al., GLIA, 2014; 62: 535-547, DOI: 10.1002/glia.22624	
OLN-t40	Rat oligodendroglial cells (derivat of OLN-93)		Rat	Nervous System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	V. Seiberlich et al., Cell Biochem. Biophys., 2013, 67: 149-160, DOI 10.1007/s12013-013-9622-8	
OLN-t40	Rat oligodendroglial cells (derivat of OLN-93)		Rat	Nervous System	Unknown	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	K. Pukaß et al., J. Neurochem., 2015, 135: 194-205; doi: 10.1111/jnc.13256	<a href="#">Link</a>
OLN93	Rat oligodendroglial cells		Rat	Nervous System	Unknown	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	C. Brill et al., Scientific Reports, 7:43000, DOI: 10.1038/srep43000	
OLN93	Rat oligodendroglial cells		Rat	Nervous System	Unknown	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	C. V. Brill, Dissertation, 2018, Charité – Universitätsmedizin Berlin	<a href="#">Link</a>
OLN93	Rat oligodendroglial cells		Rat	Nervous System	Unknown	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	C. V. Brill, Dissertation, 2018, Charité – Universitätsmedizin Berlin	<a href="#">Link</a>
OLN93	Rat oligodendroglial cells		Rat	Nervous System	Unknown	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	C. Brill et al., Scientific Reports, 7:43000, DOI: 10.1038/srep43000	
OLN93	Rat oligodendroglial cells		Rat	Nervous System	Unknown	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. Brill et al., Scientific Reports, 7:43000, DOI: 10.1038/srep43000	
OLN93	Rat oligodendroglial cells		Rat	Nervous System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	J. R. B. Drake, Dissertation, 2013, Universität zu Köln	<a href="#">Link</a>
OLN93	Rat oligodendroglial cells		Rat	Nervous System	Unknown	Adherent	siRNA		<a href="#">Metafectene PRO</a>	C. V. Brill, Dissertation, 2018, Charité – Universitätsmedizin Berlin	<a href="#">Link</a>
OLN93	Rat oligodendroglial cells		Rat	Nervous System	Unknown	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	C. Brill et al., Scientific Reports, 7:43000, DOI: 10.1038/srep43000	<a href="#">Link</a>
OLN93	Rat oligodendroglial cells		Rat	Nervous System	Unknown	Adherent	siRNA		<a href="#">Metafectene PRO</a>	C. V. Brill, Dissertation, 2018, Charité – Universitätsmedizin Berlin	<a href="#">Link</a>
Omm2.5	Human uveal melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M. Venza et al., Biochem. and Biophys. Res. Commun., 2013, 441: 743-750, doi.org/10.1016/j.bbrc.2013.10.114	
OP9	Mouse bone marrow stromal cell line	ATCC CRL-2749	Mouse	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	G. Hörl et al., J. Biol. Chem., May 2011; 286: 17338 - 17350	<a href="#">Link</a>
ORC1-P4hTERT	Human telomerase (hTERT)-immortalised fibroblast cell line		Human	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	K. M. Zimmerman, PhD Thesis, 2013, University of Sussex	<a href="#">Link</a>
Ost TK1-	Human osteosarcoma cell line, deficient of TK1		Human	Bone	Cell Line		Plasmid		<a href="#">Metafectene</a>	C. Rampazzo et al., J. Biol. Chem., Apr 2004; 279: 17019 - 17026	<a href="#">Link</a>
P skin fibroblas derived)	Human immortalized skin fibroblasts (patient derived)		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	C. Benincá et al., J. Med. Genet., 2021, 58: 155-167, doi:10.1136/jmedgenet-2020-106861	<a href="#">Link</a>
PAEC	Porcine primary aortic endothelial cells		Swine	Vasculature	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene</a>	B. Wojciak-Stothard et al., Am J Physiol Lung Cell Mol Physiol, Jun 2006; 290: L1173 - L1182	<a href="#">Link</a>
PAEC	Porcine primary aortic endothelial cells		Swine	Vasculature	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	B. Wojciak-Stothard et al., J.Cell Sci, March 2007;120: 929-942	<a href="#">Link</a>
Panc	Human exocrine pancreas carcinoma cells		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	V. Shoshan-Barmatz et al., 2014, US 8,648,045 (Patent)	<a href="#">Link</a>
Panc	Human pancreas carcinoma cells		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S.-B. Varda et al., 2012, EP 2 371 846	<a href="#">Link</a>
Panc-1	Human exocrine pancreas carcinoma cells	ATCC CRL-1469	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	A. Carozzo et al., Mol. Pharmacology, 2019, 115444, DOI: 10.1124/mol.118.115444	<a href="#">Link</a>
Panc-1	Human exocrine pancreas carcinoma cells	ATCC CRL-1469	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	L. Hartl et al., Cancers, 2020, 12, 2546, doi:10.3390/cancers12092546	<a href="#">Link</a>
Panc-1	Human exocrine pancreas carcinoma cells	ATCC CRL-1469	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Walter et al., Am. Vac. Biointerphases, 2011, 6(2), DOI: 10.1116/1.3601755	<a href="#">Link</a>
Panc-1	Human exocrine pancreas carcinoma cells	ATCC CRL-1469	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	X. Wu et al., PNAS, Nov 2016, 113: E6965 - E6973	



CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
Panc-1	Human exocrine pancreas carcinoma cells	ATCC CRL-1469	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafactene PRO</a>	X. Wu et al., PNAS, Nov 2016, 113: E6965 - E6973	
Panc-1	Human exocrine pancreas carcinoma cells	ATCC CRL-1469	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	X. Wu et al., PNAS, Nov 2016, 113: E6965 - E6973	
Panc-1	Human exocrine pancreas carcinoma cells	ATCC CRL-1469	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	X. Wu et al., PNAS, Nov 2016, 113: E6965 - E6973	
Panc-1	Human exocrine pancreas carcinoma cells	ATCC CRL-1469	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene SI</a>	A. D. Konitsiotis et al., PLoS ONE, 2014, 9 (3): e89899, doi:10.1371/journal.pone.0089899	<a href="#">Link</a>
Panc-1	Human exocrine pancreas carcinoma cells	ATCC CRL-1469	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene SI</a>	S. Cogoi et al., Nucleic Acids Res., Apr 2013; 41: 4049 - 4064	<a href="#">Link</a>
PASMC	Pulmonary artery smooth muscle cells		Unknown	Vasculature	Unknown		Plasmid		<a href="#">Metafactene</a>	W. Zhang et al., Sheng Li Xue Bao, Feb 2006; 58(1): 71-6	
pBAEC	Bovine primary aortic endothelial cells		Cow	Vasculature	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	Y. Riahi et al., Diabetes, Apr 2010; 59: 808 - 818	<a href="#">Link</a>
pBAEC	Bovine primary aortic endothelial cells		Cow	Vasculature	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	Y. Riahi et al., Diabetes, Apr 2010; 59: 808 - 818	<a href="#">Link</a>
pBAEC	Bovine primary aortic endothelial cells		Cow	Vasculature	Primary Cell	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	A. Nayeibosadri et al., Am J Physiol Cell Physiol, Aug 2013; 305: C309 - C322	<a href="#">Link</a>
PBMC	Peripheral blood monocyte-derived macrophages			Immune System	Unknown		Plasmid		<a href="#">K2 Transfection System</a>	A. Garg et al., Blood Cells, Molecules, and Diseases, 2016, 59:108-112, doi.org/10.1016/j.bcmd.2016.04.013	
PBMC	Peripheral blood monocyte-derived macrophages			Immune System	Unknown		miRNA		<a href="#">K2 Transfection System</a>	S. Sharma et al., Experimental and Molecular Pathology, 2015, 99 (2): 360-364, doi.org/10.1016/j.yexmp.2015.08.008	
pBMSC	Rat primary bone marrow stromal cells		Rat	Bone	Primary Cell	Adherent	Plasmid		<a href="#">Metafactene</a>	J. Park et al., Gene Ther. 2003 Jul; 10(13): 1089-98	
pBMSC	Rat primary bone marrow stromal cells		Rat	Bone	Primary Cell	Adherent	Plasmid		<a href="#">Metafactene</a>	Z. Jing et al., Hindawi- Stem Cells Int., 2018, Article ID 3069741, doi.org/10.1155/2018/3069741	<a href="#">Link</a>
pBMSC	Mouse bone marrow-derived mesenchymal stem cells		Mouse	Bone	stem cell	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	S. Isik et al., Iran J. Allergy Asthma Immunol., June 2017, 16(3): 205-218	
pBMSC	Mouse bone marrow-derived mesenchymal stem cells		Mouse	Bone	stem cell	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	S. Isik et al., Eur. Arch. Otorhinolaryngol., 2017, 274:197-207, DOI 10.1007/s00405-016-4166-3	
PC-12	Rat adrenal gland cell line	ATCC CRL-1721	Rat	Other	Cell Line	suspension	Plasmid	Stable Transfection	<a href="#">Metafactene</a>	S.-B. M. Varda et al., 2012, WO 2007/043049	<a href="#">Link</a>
PC-12	Rat adrenal gland cell line	ATCC CRL-1721	Rat	Other	Cell Line	suspension	Plasmid		<a href="#">Metafactene</a>	V. Shoshan-Barmatz et al., 2014, US 8,648,045 (Patent)	<a href="#">Link</a>
PC-12	Rat adrenal gland cell line	ATCC CRL-1721	Rat	Other	Cell Line	suspension	Plasmid		<a href="#">Metafactene</a>	M. M. Nalaskowski et al., J. Biol. Chem., May 2003; 278: 19765 - 19776	<a href="#">Link</a>
PC-12	Rat adrenal gland cell line	ATCC CRL-1721	Rat	Other	Cell Line	suspension	Plasmid		<a href="#">Metafactene</a>	S.-B. Varda et al., 2012, EP 2 371 846	<a href="#">Link</a>
PC-12	Rat adrenal gland cell line	ATCC CRL-1721	Rat	Other	Cell Line	suspension	Plasmid		<a href="#">Metafactene</a>	A. Y. Sierra et al., J. Biol. Chem., Mar 2008; 283: 6878 - 6885	<a href="#">Link</a>
PC-12	Rat adrenal gland cell line	ATCC CRL-1721	Rat	Other	Cell Line	suspension	Plasmid		<a href="#">Metafactene</a>	C. Neumann-Giesen et al., J. Cell Sci., Feb 2007; 120: 395 - 406	<a href="#">Link</a>
PC-12	Rat adrenal gland cell line	ATCC CRL-1721	Rat	Other	Cell Line	suspension	Plasmid		<a href="#">Metafactene</a>	Y. C. Chiang et al., J. Neurochem., 2013, 127: 163-176, doi: 10.1111/jnc.12399	<a href="#">Link</a>
PC-12	Rat adrenal gland cell line	ATCC CRL-1721	Rat	Other	Cell Line	suspension	Plasmid		<a href="#">Metafactene</a>	A. Nölle et al., Hum. Mol. Genet., Dec 2011; 20: 4865 - 4878	<a href="#">Link</a>
PC-12	Rat adrenal gland cell line	ATCC CRL-1721	Rat	Other	Cell Line	suspension	Plasmid		<a href="#">Metafactene</a>	P. Aridon, Parkinsonism and Related Disorders, 2016, 31:135-138, doi.org/10.1016/j.parkreldis.2016.08.016	
PC-12	Rat adrenal gland cell line	ATCC CRL-1721	Rat	Other	Cell Line	suspension	Plasmid		<a href="#">Metafactene</a>	P. Aridon, Parkinsonism and Related Disorders, 2016, 31:135-138, doi.org/10.1016/j.parkreldis.2016.08.016	
PC-12	Rat adrenal gland cell line	ATCC CRL-1721	Rat	Other	Cell Line	suspension	Plasmid		<a href="#">Metafactene</a>	J. van Bergeijk et al., FASEB J, May 2007; 21: 1492 - 1502	<a href="#">Link</a>
PC-12	Rat adrenal gland cell line	ATCC CRL-1721	Rat	Other	Cell Line	suspension	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	A. Morch, Dissertation, 2019, Ernst-Moritz-Arndt Universität Greifswald	
PC-12	Rat adrenal gland cell line	ATCC CRL-1721	Rat	Other	Cell Line	suspension	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	F. Martorana et al., Cell Death and Disease, 2018, 9:391; DOI 10.1038/s41419-018-0429-9	<a href="#">Link</a>
PC-12	Rat adrenal gland cell line	ATCC CRL-1721	Rat	Other	Cell Line	suspension	Plasmid		<a href="#">Metafactene PRO</a>	A. K. Grindheim et al., J. Mol. Biol., 2014, 426: 2486-2499, doi.org/10.1016/j.jmb.2014.04.019	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
PC-12	Rat adrenal gland cell line	ATCC CRL-1721	Rat	Other	Cell Line	suspension	Plasmid		<a href="#">Metafectene PRO</a>	L. P. E. Austdal et al., Journal of Neuroendocrinology, 2016, 28, doi: 10.1111/jne.1243	
PC-3	Human prostate cancer cell line	ATCC CRL-1435	Human	Genital Tract	Cell Line	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	E. Aubets et al., Int. J. Mol. Sci., 2021, 22 (18): 10025, doi: 10.3390/ijms221810025	<a href="#">Link</a>
PC-3	Human prostate cancer cell line	ATCC CRL-1435	Human	Genital Tract	Cell Line	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	A. Avinó et al., Protocols in Nucleic Acid Chemistry, 2020, 77: e78, doi: 10.1002/cpnc.78	
PC-3	Human prostate cancer cell line	ATCC CRL-1435	Human	Genital Tract	Cell Line	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	M. M. M. Enriquez ez al., PLoS ONE 13(11): e0206818, doi.org/10.1371/journal.pone.0206818	<a href="#">Link</a>
PC-3	Human prostate cancer cell line	ATCC CRL-1435	Human	Genital Tract	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	U. K. Mukhopadhyay et al., Cancer Res., Apr 2005; 65: 2872 - 2881	<a href="#">Link</a>
PC-3	Human prostate cancer cell line	ATCC CRL-1435	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	U. Weirauch et al., Nucleic Acid Therapeutics, 2013, 23 (4): 264-272, DOI: 10.1089/nat.2012.0407	<a href="#">Link</a>
PC-3	Human prostate cancer cell line	ATCC CRL-1435	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Harada et al., J. Biol. Chem., Aug 2007; 282: 22651 - 22661	<a href="#">Link</a>
PC-3	Human prostate cancer cell line	ATCC CRL-1435	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	J. C. Romero Sandoval, PhD Thesis, 2014, Universitat de Barcelona	<a href="#">Link</a>
PC-3	Human prostate cancer cell line	ATCC CRL-1435	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	S. Steinmann et al., J. Biol. Chem., Vol. 288, No. 31, pp. 22257-22269, August 2, 2013	<a href="#">Link</a>
PC-3	Human prostate cancer cell line	ATCC CRL-1435	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	E. Werwein et al., Nucleic Acids Res., 2019, 47(1): 103-121, doi: 10.1093/nar/gky935	<a href="#">Link</a>
PC-3	Human prostate cancer cell line	ATCC CRL-1435	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	C. Mörich, Dissertation, 2016, Georg-August University Göttingen	<a href="#">Link</a>
PC-3	Human prostate cancer cell line	ATCC CRL-1435	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	M. B. Morelli et al., BMC Cancer, 2014, 14: 921, doi:10.1186/1471-2407-14-921	<a href="#">Link</a>
PC-3M	Human prostate carcinoma cell line		Human	Genital Tract	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	A. L. Omara-Opyene et al., Lab Invest., 2004 Jul; 84(7):894-907	
PC-6	Human small cell lung carcinoma		Human	Respiratory System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	D. Sifulina et al., The EMBO J., 2018, e99384, DOI 10.15252/embj.201899384	<a href="#">Link</a>
PC-6	Human small cell lung carcinoma		Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	D. Sifulina et al., The EMBO J., 2019, 38: e99384, DOI 10.15252/embj.201899384	<a href="#">Link</a>
PC-9	Human lung adenocarcinoma cell line (formerly PC14)	ECACC 90071810	Human	Respiratory System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H. N. Pfäffle et al., Cancer Res., Oct 2013; 73: 6254 - 6263	<a href="#">Link</a>
PC12 APPwt	Rat adrenal gland cell line, overexpressing human wild-type APP (APPwt)		Rat	Other	Cell Line	suspension	Plasmid		<a href="#">Metafectene</a>	D. Kogel et al., J Neurochem 2003 Oct; 87 (1):248-56	
PC12 neo	Rat adrenal gland cell line (derivat of PC12)		Rat	Other	Cell Line	suspension	Plasmid		<a href="#">Metafectene</a>	D. Kogel et al., J Neurochem 2003 Oct; 87 (1):248-56	
PEC	Human primary conjunctival cells		Human	Sensory Organs	Primary Cell	Adherent	miRNA		<a href="#">Metafectene SI</a>	Q. Pilson et al., Scientific Reports, 2020, 10: 7484, doi.org/10.1038/s41598-020-64422-5	<a href="#">Link</a>
pHDF	Human primary dermal fibroblasts		Human	Skin	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	E. A. Ostrakhovitch et al., Exp. Cell Res., 2019, 385: 111683, doi.org/10.1016/j.yexcr.2019.111683	<a href="#">Link</a>
pHDF	Human primary dermal fibroblasts		Human	Skin	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	E. A. Ostrakhovitch et al., PLoS ONE, 2020, 15(11): e0241685, doi.org/10.1371/journal.pone.0241685	<a href="#">Link</a>
pHDF	Human primary dermal fibroblasts		Human	Skin	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene</a>	L. Atorino et al., J. Cell Biol., Nov 2003; 163: 777	<a href="#">Link</a>
pHDF	Human primary dermal fibroblasts		Human	Skin	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	E. Pesarchuk, 2016, Dissertation, University of Vancouver	<a href="#">Link</a>
pHEM	Human primary epidermal melanocytes		Human		Primary Cell	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Romano et al., Clinical and Translational Medicine, 2014, 3:1, doi:10.1186/2001-1326-3-1	<a href="#">Link</a>
Phoenix	Retrovirus producer cell line (Derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	M. J. Ausserlechner et al., Mol. Cancer Ther., Aug 2006; 5: 1927 - 1934	<a href="#">Link</a>
Phoenix	Retrovirus producer cell line (Derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	R. Sigl et al., PLoS ONE, 2014, 9(5): e97764, doi:10.1371/journal.pone.0097764	<a href="#">Link</a>
Phoenix	Retrovirus producer cell line (Derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	O. Meca-Cortès, PhD Thesis, 2014, Universitat de Barcelona	<a href="#">Link</a>
Phoenix	Retrovirus producer cell line (Derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	S. Schmidt et al., FASEB J, Dec 2006; 20: 2600 - 2602	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
Phoenix	Retrovirus producer cell line (Derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	S. Rimpl et al., Cell Death and Differentiation, 2004, 11, 65-72	
Phoenix	Retrovirus producer cell line (derivative of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	H.F. Alkan et al., bioRxiv preprint, 2020, doi.org/10.1101/2020.05.28.114629	<a href="#">Link</a>
Phoenix	Retrovirus producer cell line (derivative of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	X. Wang et al., Cell Death & Differentiation, 2021, 28: 3235–3250, doi.org/10.1038/s41418-021-00811-1	<a href="#">Link</a>
Phoenix	Retrovirus producer cell line (Derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	J. I. Luther, Dissertation, 2012, Friedrich-Alexander-Universität Erlangen-Nürnberg	<a href="#">Link</a>
Phoenix	Retrovirus producer cell line (Derivat of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene PRO</a>	H. Ma, Dissertation, 2013, Washington University in St. Louis	<a href="#">Link</a>
Phoenix	Retrovirus producer cell line (derivative of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H.F. Alkan et al., bioRxiv preprint, 2020, doi.org/10.1101/2020.05.28.114629	<a href="#">Link</a>
Phoenix	Retrovirus producer cell line (derivative of 293T)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	X. Wang et al., Cell Death & Differentiation, 2021, 28: 3235–3250, doi.org/10.1038/s41418-021-00811-1	<a href="#">Link</a>
Phoenix	Retrovirus producer cell line (Derivat of 293T)		Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	E. Bernardinelli et al., PLOS ONE, doi.org/10.1371/journal.pone.0179591	<a href="#">Link</a>
Phoenix	Retrovirus producer cell line (Derivat of 293T)		Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	S. Dossena et al., J. Biol. Chem., Nov 2011; 286: 40659 - 40670	<a href="#">Link</a>
Phoenix-AMPH	Retrovirus producer cell line for the generation of helper-free ecotropic and amphotropic retroviruses (Derivat of 293T)	ATCC CRL-3213	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	Y.-L. Hu et al., Nucleic Acids Res., Sep 2010; 38: 5472 - 5478	<a href="#">Link</a>
Phoenix-AMPH	Retrovirus producer cell line for the generation of helper-free ecotropic and amphotropic retroviruses (Derivat of 293T)	ATCC CRL-3213	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	Y.-L. Hu et al., Blood, Jun 2007; 109: 4732 - 4738	<a href="#">Link</a>
Phoenix-AMPH	Retrovirus producer cell line for the generation of helper-free ecotropic and amphotropic retroviruses (Derivat of 293T)	ATCC CRL-3213	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	Y.-L. Hu et al., Mol. Cell. Biol., Sep 2009; 29: 5181 - 5192	<a href="#">Link</a>
Phoenix-AMPH	Retrovirus producer cell line for the generation of helper-free ecotropic and amphotropic retroviruses (Derivat of 293T)	ATCC CRL-3213	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene FASY</a>	M. E. Madlener, 2012, Dissertation, Universität zu Köln	<a href="#">Link</a>
Phoenix-ECO	Retrovirus producer cell line (Derivat of 293T)	ATCC CRL-3214	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	D. C. Hofer et al., Biochimica et Biophysica Acta, 2017, 1862: 358-368	<a href="#">Link</a>
Phoenix-ECO	Retrovirus producer cell line (Derivat of 293T)	ATCC CRL-3214	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	A. R. Pessenheimer et al., J. Biol. Chem., Dec 2013; 288: 36040 - 36051	<a href="#">Link</a>
Phoenix-ECO	Retrovirus producer cell line (Derivat of 293T)	ATCC CRL-3214	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	J. N. E. Baidoo, Scholarship, 2017, Graz University of Technology	<a href="#">Link</a>
Phoenix-ECO	Retrovirus producer cell line (Derivat of 293T)	ATCC CRL-3214	Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	E. Walenta et al., PLoS ONE, 2013, 8(11): e79134, doi:10.1371/journal.pone.0079134	<a href="#">Link</a>
pHT	Human primary thyrocytes		Human	Other	Primary Cell		Plasmid		<a href="#">Metafectene</a>	T. R. H. Büch et al., J. Biol. Chem., Jul 2008; 283: 20330 - 20341	<a href="#">Link</a>
PM-WK	Human skin malignant melanoma cell line	ATCC CRL-2624	Human	Skin	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	A. Renziehausen et al., Oncogene, 2019, 38:2320–2336, doi.org/10.1038/s41388-018-0563-y	
PM-WK	Human skin malignant melanoma cell line	ATCC CRL-2624	Human	Skin	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	A. Renziehausen et al., Oncogene, 2019, 38:2320–2336, doi.org/10.1038/s41388-018-0563-y	
pPPAEC	Porcine primary pulmonary artery endothelial cells		Swine	Vasculature	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene</a>	B. Wojciak-Stothard et al., Am J Physiol Lung Cell Mol Physiol, Apr 2005; 288: L749 - L760	<a href="#">Link</a>
pPSMC	Porcine primary smooth muscle cells		Swine	Vasculature	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Pelisek et al., J Mol Med (Berl), Nov 2002; 80(11): 724-36	
PS120/NHE1	Chinese hamster fibroblast, cell line stably expressing NHE1		Hamster	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	Y.-S. Jung et al., J. Biol. Chem., Jan 2008; 283: 1018 - 1025	<a href="#">Link</a>
PT67	10A1 MLV-based retrovirus packaging cell line	ATCC CRL-12284	Mouse	Unknown	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	K. Hasse, Dissertation, 2012, Freie Universität Berlin	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
PT67	10A1 MLV-based retrovirus packaging cell line	ATCC CRL-12284	Mouse	Unknown	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	K. Hasse, Dissertation, 2012, Freie Universität Berlin	<a href="#">Link</a>
QT6	Quail fibrosarcoma cell line	ATCC CRL-1708	Quail	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	E. Kowenz-Leutz et al., EMBO J., Mar 2010; 29: 1105 - 1115	<a href="#">Link</a>
Rabbit pSkMC	Rabbit (Lapine) primary skeletal muscle cells		Rabbit	Bone	Primary Cell		Plasmid		<a href="#">Metafectene</a>	P. Orth et al., Mol Biotechnol, Feb 2008; 38 (2): 137-44	
rADSC	Rat adipose-derived stem cells (Sprague-Dawley rat)		Rat	Other	stem cell	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	C.-M. Yang, et al., BioResearch Open Access, 2015, 4.1, doi/10.1089/biores.2014.003	<a href="#">Link</a>
Rat DRG neuro	Rat neurons isolated from the DRG		Rat	Nervous System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	C. Li et al., J. of Neuroinflammation, 2014, DOI 10.1186/s12974-015-0286-8	
Rat DRG neuro	Rat primary dorsal root ganglia neurons		Rat	Nervous System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	D. S. M. Nascimento et al., Mol. Neurobiol., 2018, 55: 3959-3975, DOI 10.1007/s12035-017-0628-x	
rat primary ast	primary astrocytes of cerebral cortices of postnatal day 1 Sprague-Dawley rat		Rat	Brain	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	E.-J. Lee et al., J. of Neuroinflammation, 2018, 15:326, doi.org/10.1186/s12974-018-1363-6	<a href="#">Link</a>
Rat Schwann cell	Rat Schwann cells, immortalized		Rat	Nervous System	Unknown	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	P. Claus et al., J. Biol. Chem., Jan 2003; 278: 479 - 485	<a href="#">Link</a>
Rat Sertoli cell	Rat Sertoli cells		Rat	Genital Tract	Primary Cell	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	H. Chen et al., The FASEB Journal, 31 (8): 3587-3607	<a href="#">Link</a>
Rat VSMC	Rat vascular smooth muscle cells		Rat	Vasculature	Unknown		Plasmid		<a href="#">DOTAP</a>	W. Li et al., Am J Physiol Heart Circ Physiol, Jan 2005; 288: H408 - H415	
Rat VSMC	Rat (Wistar) vascular smooth muscle cells from thoracic aorta		Rat	Vasculature	Unknown		siRNA	RNA-Interference	<a href="#">Metafectene</a>	A. Giordano et al., Am J Physiol Heart Circ Physiol, Jun 2006; 290: H2459 - H2465	<a href="#">Link</a>
RAW 264.7	Mouse leukaemic monocyte/macrophage cell line	ATCC TIB-71	Mouse	Unknown	Cell Line	Adherent	virus	Viral Transduction	<a href="#">K2 Transfection System</a>	F. Tu et al., Front. Immunol., 2020, 11: 825, doi: 10.3389/fimmu.2020.00825	<a href="#">Link</a>
RAW 264.7	Mouse leukaemic monocyte/macrophage cell line	ATCC TIB-71	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Mukhamedova et al., J. Lipid Res., Nov 2008; 49: 2312 - 2322	<a href="#">Link</a>
RAW 264.7	Mouse leukaemic monocyte/macrophage cell line	ATCC TIB-71	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. Metzendorf, Dissertation, 2012, Ruprecht-Karls-Universität Heidelberg	<a href="#">Link</a>
RAW 264.7	Mouse leukaemic monocyte/macrophage cell line	ATCC TIB-71	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	Y. Sekine et al., J. Immunol., Jan 2006; 176: 380 - 389	<a href="#">Link</a>
RAW 264.7	Mouse leukaemic monocyte/macrophage cell line	ATCC TIB-71	Mouse	Unknown	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	K. Lee et al., Food Funct., 2016, 7: 3073-3082; DOI: 10.1039/c6fo00187d	
RAW 264.7	Mouse leukaemic monocyte/macrophage cell line	ATCC TIB-71	Mouse	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	E. Xu et al., Journal of Proteomics, 2015, 128: 30-38; doi.org/10.1016/j.jprot.2015.07.003	
RAW 264.7	Mouse leukaemic monocyte/macrophage cell line	ATCC TIB-71	Mouse	Unknown	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	K.-H. Kim et al., Chem. Res. Toxicol., 2015, 28: 71-86; DOI: 10.1021/tx500341z	
RAW 264.7	Mouse leukaemic monocyte/macrophage cell line	ATCC TIB-71	Mouse	Unknown	Cell Line	Adherent	bacmid	Stable Transfection	<a href="#">Metafectene PRO</a>	M. Khatib et al., PLOS ONE, 2016; DOI: 10.1371/journal.pone.0156812	<a href="#">Link</a>
RAW 264.7	Mouse leukaemic monocyte/macrophage cell line	ATCC TIB-71	Mouse	Unknown	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	N. Fourier et al., levilab.net.technion.ac.il	<a href="#">Link</a>
RAW 264.7	Mouse leukaemic monocyte/macrophage cell line	ATCC TIB-71	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	N. Courtial et al., PLoS ONE, 2013, 8(9): e76637. doi:10.1371/journal.pone.0076637	<a href="#">Link</a>
RAW 264.7	Mouse leukaemic monocyte/macrophage cell line	ATCC TIB-71	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	K.-H. Kim et al., Chem. Res. Toxicol., 2015, 28: 71-86; DOI: 10.1021/tx500341z	
RAW 264.7	Mouse leukaemic monocyte/macrophage cell line	ATCC TIB-71	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	F. Askarian et al., J. Innate Immun., 2014, 6: 485-498, DOI: 10.1159/000357618	<a href="#">Link</a>
RAW 264.7	Mouse leukaemic monocyte/macrophage cell line	ATCC TIB-71	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	N. Courtial et al., FASEB J, Feb 2012; 26: 523 - 532	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
RAW 264.7	Mouse leukaemic monocyte/macrophage cell line	ATCC TIB-71	Mouse	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	S. Kim et al, J. Immunol., May 2015; 194: 4498 - 4506	<a href="#">Link</a>
Rcho-1	Rat choriocarcinoma trophoblast cells		Rat	Genital Tract	Unknown	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	A. D. Gultice et al., Biol Reprod, Jan 2009; 80: 184 - 193	<a href="#">Link</a>
Rcho-1	Rat choriocarcinoma trophoblast cells		Rat	Genital Tract	Unknown	Adherent	Plasmid		<a href="#">Metafectene</a>	D. M. Doran et al., Biochimie, 2011, 93(2): 361-368, doi: 10.1016/j.biochi.2010.10.009	<a href="#">Link</a>
rHTC	Rat hepatoma cell line		Rat	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. Ullio et al., J. of Lipid Res., 2012, 53: 1134-1143, DOI 10.1194/jlr.M022384	<a href="#">Link</a>
RKO	Human colon carcinoma cell line	ATCC CRL-2577	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">K2 Transfection System</a>	Y. Kuslansky et al., Journal of General Virology, 2016, 97: 3313-3330, DOI 10.1099/jgv.0.000624	<a href="#">Link</a>
RKO	Human colon carcinoma cell line	ATCC CRL-2577	Human	Digestive Organs	Cell Line	Adherent	miRNA	Cotransfection (Plasmid/miRNA)	<a href="#">Metafectene</a>	S. Guan, Dissertation, 2018, Ruprecht-Karls-Universität Heidelberg	
RKO	Human colon carcinoma cell line	ATCC CRL-2577	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/miRNA)	<a href="#">Metafectene</a>	S. Guan, Dissertation, 2018, Ruprecht-Karls-Universität Heidelberg	
RKO	Human colon carcinoma cell line	ATCC CRL-2577	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	M. Alagoz et al., Nucleic Acids Res., Mar 2014; 42: 3089 - 3103	<a href="#">Link</a>
RKO	Human colon carcinoma cell line	ATCC CRL-2577	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	N. Di Maio et al., FEBS Open Bio, 2017, 7: 1453-1468, doi:10.1002/2211-5463.12307	<a href="#">Link</a>
rMSC	Rat mesenchymal stem cells		Rat	Unknown	stem cell	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	J. Park et al., Tissue Engineering: Part C, 2016, 22 (8): 809, DOI: 10.1089/ten.tec.2016.0182	<a href="#">Link</a>
rMSC	Rat mesenchymal stem cells		Rat	Unknown	stem cell	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	J. Park et al., Tissue Engineering: Part C, 2016, 22 (8): 809, DOI: 10.1089/ten.tec.2016.0182	<a href="#">Link</a>
rMSC	Rat mesenchymal stem cells		Rat	Bone	stem cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	N. G. Amuk et al., Europ. J. of Orthodontics, 2017, 235-242; doi:10.1093/ejo/cjw054	
rMSCs	Rat mesenchymal stem cells (bone marrow-derived from 12-week-old male Wistar albino rats)		Rat	Bone	stem cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	N. Gülamuk et al., Turk. J. Biol., 2018, 42: 382-391, doi:10.3906/biy-1712-62	<a href="#">Link</a>
rPASC	Rat pulmonary artery smooth muscle cells		Rat	Respiratory System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	J. Chen et al., Physiol Rep., 2017, 5 (18), e13441, https://doi.org/10.14814/phy2.13441	<a href="#">Link</a>
rPASC	Rat pulmonary artery smooth muscle cells		Rat	Respiratory System	Primary Cell	Adherent	miRNA		<a href="#">K2 Transfection System</a>	Z. Cai et al., Exp. & Mol. Med., 2018, 50: 45, DOI 10.1038/s12276-018-0068-3	<a href="#">Link</a>
rPASC	Rat pulmonary artery smooth muscle cells		Rat	Respiratory System	Primary Cell	Adherent	miRNA		<a href="#">K2 Transfection System</a>	J. Chen et al., Physiol Rep., 2017, 5 (18), e13441, https://doi.org/10.14814/phy2.13441	<a href="#">Link</a>
rPASC	Rat pulmonary artery smooth muscle cells		Rat	Respiratory System	Primary Cell	Adherent	miRNA		<a href="#">K2 Transfection System</a>	J. Chen et al. BMC Genomics, 2016, 17: 781, DOI 10.1186/s12864-016-3122-3	<a href="#">Link</a>
rPASC	Rat pulmonary artery smooth muscle cells		Rat	Respiratory System	Primary Cell	Adherent	miRNA		<a href="#">K2 Transfection System</a>	Z. Qian et al., Oncotarget, 2016, 7 (34): 54998	<a href="#">Link</a>
RPE-J	Rat retinal pigment epithelial cell line	ATCC CRL-2240	Rat	Sensory Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	Y. Mao et al., Mol. Biol. Cell, Mar 2012; 23: 1104 - 1114	<a href="#">Link</a>
RPE-J	Rat retinal pigment epithelial cell line	ATCC CRL-2240	Rat	Sensory Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	Y. Dun et al., Free Radical Biology and Medicine, 2013, 65: 1340-1351, doi.org/10.1016/j.freeradbiomed.2013.10.006	
RPMI	Human myeloma B lymphocyte cell line from peripheral blood		Human	Immune System	Cell Line	suspension	Plasmid		<a href="#">Metafectene EASY</a>	S. Liberati, PhD Thesis, 2014, Sapienza Università di Roma	<a href="#">Link</a>
RPMI	Human myeloma B lymphocyte cell line from peripheral blood		Human	Immune System	Cell Line	suspension	Plasmid		<a href="#">Metafectene EASY</a>	M. B. Morelli et al., Int. J. Cancer, 2014, 134:2534-2546, DOI:10.1002/ijc.28591	<a href="#">Link</a>
rSC	Rat schwann cells		Rat	Nervous System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Zhang et al., Exp. Neurology, 2019, 319, 112820, doi.org/10.1016/j.expneurol.2018.09.003	<a href="#">Link</a>
rSkM	Rat primary skeletal myoblasts		Rat	Muscle	Primary Cell		Plasmid		<a href="#">Metafectene PRO</a>	R. von Wattenwyl et al., ASAIO Journal, 2012, 58: 268-274, DOI: 10.1097/MAT.0b013e3182523237	<a href="#">Link</a>
rSkM	Rat primary skeletal myoblasts		Rat	Muscle	Primary Cell		Plasmid		<a href="#">Metafectene PRO</a>	A. Poppe et al., Artificial Organs, 2012, 36 (3): 238-246, doi:10.1111/j.1525-1594.2011.01328.x	
rTF	Rabbit tenon's capsule fibroblasts		Rabbit	Sensory Organs	Unknown	Adherent	Plasmid	in vivo Application	<a href="#">Metafectene PRO</a>	F. Wang et al., Invest. Ophthalmol. Vis. Sci., Mar 2010; 51: 1475 - 1482	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
rTM	Rat trabecular meshwork cells		Rat	Sensory Organs	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	Y. Su et al., Mol. Biol. Rep., 2013, 40: 6091-6096, DOI 10.1007/s11033-013-2720-2	
SAN	Human lymphonodal melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	M. Tufano et al., Front. Cell Dev. Biol., 2021, 9: 718947, doi: 10.3389/fcell.2021.718947	<a href="#">Link</a>
SAN	Human lymphonodal melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	S. Romano et al., Cell Death and Disease, 2013, 4: e578, doi:10.1038/cddis.2013.109	<a href="#">Link</a>
SAN	Human lymphonodal melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	S. Romano et al., Pigment Cell Melanoma Res., 2013, 26: 900-911, doi: 10.1111/pcmr.12144	
SAN	Human lymphonodal melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	S. Romano et al., Pigment Cell Melanoma Res., 2015, 28: 442-452; doi: 10.1111/pcmr.12378	
SAN	Human lymphonodal melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	S. Romano et al., Clinical and Translational Medicine, 2014, 3:1, doi:10.1186/2001-1326-3-1	<a href="#">Link</a>
SAN	Human lymphonodal melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	S. Romano et al., Cell Death and Disease, 2013, 4: e578, doi:10.1038/cddis.2013.109	<a href="#">Link</a>
SAN	Human lymphonodal melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Romano et al., Pigment Cell Melanoma Res., 2015, 28: 442-452; doi: 10.1111/pcmr.12378	
SAN	Human lymphonodal melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Romano et al., Clinical and Translational Medicine, 2014, 3:1, doi:10.1186/2001-1326-3-1	<a href="#">Link</a>
SAN	Human lymphonodal melanoma cell line		Human	Skin	Cell Line	Adherent	Oligonucleotide		<a href="#">Metafectene</a>	S. Romano et al., Cell Death and Disease, 2013, 4: e578, doi:10.1038/cddis.2013.109	<a href="#">Link</a>
SAN	Human lymphonodal melanoma cell line		Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	F. Albano et al., Biochimie, 2012, DOI: 10.1016/j.biochi.2012.12.012	
SAOS-2	Human bone osteosarcoma cell line	ATCC HTB-85	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	P. Orth et al., Mol Biotechnol, Feb 2008; 38 (2): 137-44	
SAOS-2	Human bone osteosarcoma cell line	ATCC HTB-85	Human	Bone	Cell Line	Adherent	siRNA		<a href="#">Metafectene SI</a>	X. Zhou et al., Cell Death and Differentiation, 2015, 22:755-766; doi: 10.1038/cdd.2014.167	<a href="#">Link</a>
SAS	Human oral squamous cell carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	M. Xu et al., Journal of Cellular Biochemistry, DOI 10.1002/jcb.26642	
SAS	Human oral squamous cell carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	M. Xu et al., Journal of Cellular Biochemistry, DOI 10.1002/jcb.26642	
SAS	Human oral squamous cell carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	M. Xu et al., Journal of Cellular Biochemistry, DOI 10.1002/jcb.26642	
SAS	Human oral squamous cell carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	M. Xu et al., PLoS ONE, 2015, 10(3): e0121439; doi:10.1371/journal.pone.0121439	<a href="#">Link</a>
SCCVII	Murine squamous cell carcinoma cells		Murine	Digestive Organs	Unknown	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Young et al., J Calif Dent Assoc, Dec 2005; 33(12): 967-71	
SCCVII	Murine squamous cell carcinoma cells		Murine	Digestive Organs	Unknown	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Konopka et al., Cell Mol Biol Lett, Jan 2006; 11(2): 171-90	
SCCVII	Murine squamous cell carcinoma cells		Murine	Digestive Organs	Unknown	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	K. Konopka et al., Cell Mol Biol Lett, Jan 2009; 14(1): 70-89	
Sertoli	Rat sertoli cells		Rat	Genital Tract	Primary Cell	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	H. Chen et al., Endocrinology, 2016, 157 (5): 2140 -2159	
Sertoli cells	Rat sertoli cells		Rat	Genital Tract		Adherent	Plasmid		<a href="#">K2 Transfection System</a>	H. Chen et al., Cell Death and Disease, 2018, 9:340; DOI 10.1038/s41419-018-0339-x	<a href="#">Link</a>
Sf21	Spodoptera frugiperda cell line (army worm)		Insect	Genital Tract	Cell Line	Adherent	bacmid	Virus Production	<a href="#">Insectogene</a>	G. Male, PhD Thesis, 2014, University of Heidelberg	<a href="#">Link</a>
Sf21	Spodoptera frugiperda cell line (army worm)		Insect	Genital Tract	Cell Line	Adherent	bacmid	Virus Production	<a href="#">Insectogene</a>	M. Zobel et al., J. Cell Biol., 2018, 217 (9): 3161-3182, doi.org/10.1083/jcb.201802023	<a href="#">Link</a>
Sf9	Spodoptera frugiperda cell line (army worm)	ATCC CRL-1711	Insect	Genital Tract	Cell Line	semi-adherent	Plasmid	Virus Production	<a href="#">Insectogene</a>	C. Martinelli, PhD Thesis, 2010, University of Milan	<a href="#">Link</a>
Sf9	Spodoptera frugiperda cell line (army worm)	ATCC CRL-1711	Insect	Genital Tract	Cell Line	semi-adherent	Plasmid	Virus Production	<a href="#">Insectogene</a>	C. Martinelli et al., Biotechnology Reports. 2014, 3: 27-33, doi.org/10.1016/j.btre.2014.05.008	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Brain	Cell Line	Adherent	miRNA		<a href="#">Metafectene</a>	G. P. Brennan et al., J. Mol. Neurosci., 2015, 56:255-262; DOI 10.1007/s12031-015-0510-0	
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">K2 Transfection System</a>	C. Lenzi et al., Int. J. Mol. Sci., 2020, 21, 7181, doi:10.3390/ijms21197181	<a href="#">Link</a>
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	L.-K. Yang et al., Molecular Pain, 2020, 16: 1-12, DOI: 10.1177/1744806920972241	<a href="#">Link</a>
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	S. Kim et al., Mol. Cell Biol., 2015, 35: 1754-1762; doi:10.1128/MCB.01325-14	<a href="#">Link</a>
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene</a>	S. Kim et al., Mol. Cell Biol., 2015, 35: 1754-1762; doi:10.1128/MCB.01325-14	<a href="#">Link</a>
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	S. Kim et al., Mol. Cell Biol., 2015, 35: 1754-1762; doi:10.1128/MCB.01325-14	<a href="#">Link</a>
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	K. Wang et al., Cell Mol. Neurobiol., 2016, 36:603-611; DOI 10.1007/s10571-015-0241-3	
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	K. M. Danzer et al., J. Neurosci., Aug 2007; 27: 9220 - 9232	
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	M. C. Hogg et al., Brain Commun., 2020, 1 of 17, doi:10.1093/braincomms/fcaa138	<a href="#">Link</a>
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	F. Walter et al., Cell Death and Differentiation, 2015, 22: 1502-1516; doi: 10.1038/cdd.2014.241	<a href="#">Link</a>
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	P. Aridon et al., Parkinsonism and Related Disorders, 2016, 31:135-138, doi.org/10.1016/j.parkreldis.2016.08.016	
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Nolan et al., Europ. J. of Neuroscience, 2016, 43: 640-652; doi:10.1111/ejn.13160	
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. Engel et al., Brain, Feb 2013; 136: 577 - 592	
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Oligonucleotide		<a href="#">Metafectene</a>	K. Nolan et al., Europ. J. of Neuroscience, 2016, 43: 640-652; doi:10.1111/ejn.13160	
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. J. Bradshaw et al., PLoS ONE, 2014, 9 (10): e111196, doi:10.1371/journal.pone.0111196	<a href="#">Link</a>
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafectene EASY</a>	M. Kopp, Dissertation, 2014, Technischen Universitaet Darmstadt	<a href="#">Link</a>
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	S. Spereduti et al., Int. J. Mol. Sci., 2019, 20, 5548, doi:10.3390/ijms20225548	<a href="#">Link</a>
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene PRO</a>	D. Haslinger, Dissertation, 2018, Johann Wolfgang Goethe-Universität	<a href="#">Link</a>
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">Metafectene PRO</a>	F. Longo et al., bioRxiv preprint, 2021, doi.org/10.1101/2021.03.16.435646	<a href="#">Link</a>
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	D. Haslinger et al., Mol. Autism, 2018, 9: 56, doi.org/10.1186/s13229-018-0239-z	<a href="#">Link</a>
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. Fathinafjabadi et al., PLoS ONE, 2014, 9(2): e87898, doi:10.1371/journal.pone.0087898	<a href="#">Link</a>
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	B. Samardžija et al., J. Pers. Med., 2021, 11: 1070, doi.org/10.3390/jpm11111070	<a href="#">Link</a>
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. R. López de la Oliva et al., Scientific Reports v. 10: 2259, doi.org/10.1038/s41598-020-58264-4	<a href="#">Link</a>
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	M. Kopp, Dissertation, 2014, Technischen Universitaet Darmstadt	<a href="#">Link</a>
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	D. Haslinger, Dissertation, 2018, Johann Wolfgang Goethe-Universität	<a href="#">Link</a>
SH-SY5Y	Human neuroblastoma cell line	ATCC CRL-2266	Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	H. Guan et al., Experimental Neurology, 2017, 291: 51-61	<a href="#">Link</a>
SHEP-SF	Human neuroblastoma cell line		Human	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. Müller et al., Mol. Biol. Cell, Jan 2007; 18: 201 - 210	<a href="#">Link</a>
SK-HEP-1	Human liver adenocarcinome cell line	ATCC HTB-52	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. Ullio et al., J. Lipid Res., Jun 2012; 53: 1134 - 1143	<a href="#">Link</a>
SK-MEL-28	Human skin malignant melanoma cell line	ATCC HTB-72	Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	A. D'Anneo et al., J. Cell. Physiol., 2013, 228: 952-967, DOI: 10.1002/jcp.24131	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
SK-MEL-3	Human skin malignant metastatic melanoma cell line	ATCC HTB-69	Human	Skin	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	S. Romano et al., Pigment Cell Melanoma Res., 2013, 26: 900-911, doi: 10.1111/pcmr.12144	
SK-N-BE(2)	Human neuroblastoma cell line	ATCC CRL-2271	Human	Brain	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	A. Bertoni et al., J. Biol. Chem., 2011, 286 (6): 4727-4741, DOI 10.1074/jbc.M110.156521	<a href="#">Link</a>
SK-N-BE(2)	Human neuroblastoma cell line	ATCC CRL-2271	Human	Brain	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	A. Groß et al., Cancer Res., 2018, DOI: 10.1158/0008-5472.CAN-17-1860	
SK-N-BE(2)	Human neuroblastoma cell line	ATCC CRL-2271	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	A. Groß et al., Cancer Res., 2018, DOI: 10.1158/0008-5472.CAN-17-1860	
SK-N-BE(2)	Human neuroblastoma cell line	ATCC CRL-2271	Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	O. Baron et al., J. Biol. Chem, 2012, doi: 10.1074/jbc.M112.347831	<a href="#">Link</a>
SK-N-MC	Human neuroepithelioma cell line	ATCC HTB-10	Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. Kaiser et al., Cell. and Mol. Life Sciences, 2019, doi.org/10.1007/s00018-019-03432-7	<a href="#">Link</a>
SK-N-SH	Human neuroblastoma cell line	ATCC HTB-11	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	Z. Ping et al., Cell Cycle, 2012, 11: 10, 1999-2005, doi.org/10.4161/cc.20402	<a href="#">Link</a>
SK6	Swine kidney cell line		Swine	Urinary System	Cell Line		Plasmid		<a href="#">Metafectene</a>	T. Krey et al., J. Virol., Apr 2006; 80: 3912 - 3922	<a href="#">Link</a>
SK6	Swine kidney cell line		Swine	Urinary System	Cell Line		Plasmid		<a href="#">Metafectene</a>	D. Dubrau et al., PLOS Pathogens, 2017, DOI:10.1371/journal.ppat.1006134	<a href="#">Link</a>
SK6	Swine kidney cell line		Swine	Urinary System	Cell Line		Plasmid		<a href="#">Metafectene</a>	T. Walther et al., J. Virol., 2021, 95(11): e00154-21, doi.org/10.1128/JVI.00154-21.	<a href="#">Link</a>
SKBR3	Human EpCAM-positive breast adenocarcinoma cell line	ATCC HTB-30	Human	Breast	Cell Line	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	A. Avinó et al., Protocols in Nucleic Acid Chemistry, 2020, 77: e78, doi: 10.1002/cpnc.78	
SKBR3	Human EpCAM-positive breast adenocarcinoma cell line	ATCC HTB-30	Human	Breast	Cell Line	Adherent	Oligonucleotide		<a href="#">DOTAP</a>	M. M. M. Enriquez ez al., PLoS ONE13(11): e0206818, doi.org/10.1371/journal.pone.0206818	<a href="#">Link</a>
SkBr3	Human EpCAM-positive breast adenocarcinoma cell line	ATCC HTB-30	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	N. Golkar et al., Int. J. of Pharmaceutics, 2016, 510: 30-41; doi.org/10.1016/j.ijpharm.2016.06.026	
SkBr3	Human EpCAM-positive breast adenocarcinoma cell line	ATCC HTB-30	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	N. Golkar et al., Data in Brief, 2016, 8: 1018-1023; doi.org/10.1016/j.dib.2016.06.064	<a href="#">Link</a>
SkBr3	Human EpCAM-positive breast adenocarcinoma cell line	ATCC HTB-30	Human	Breast	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	O. Gires et al., Anticancer Res, Nov 2004; 24: 3715 - 3722	<a href="#">Link</a>
SkBr3	Human EpCAM-positive breast adenocarcinoma cell line	ATCC HTB-30	Human	Breast	Cell Line	Adherent	Oligonucleotide		<a href="#">Metafectene</a>	C. Cava et al., Theranostics, 2020, 10(1): 50-61. doi: 10.7150/thno.36274	<a href="#">Link</a>
SKBR3	Human EpCAM-positive breast adenocarcinoma cell line	ATCC HTB-30	Human	Breast	Cell Line	Adherent	Oligonucleotide		<a href="#">Metafectene</a>	A. M. Tamaddona et al., Iranian J. of Pharm. Sci., 2011, 11: 7(2): 79-87	<a href="#">Link</a>
SKBR3	Human EpCAM-positive breast adenocarcinoma cell line	ATCC HTB-30	Human	Breast	Cell Line	Adherent	Oligonucleotide		<a href="#">Metafectene</a>	C. Cava et al., Theranostics, 2020, 10(1): 50-61, doi: 10.7150/thno.36274	<a href="#">Link</a>
SkBr3	Human EpCAM-positive breast adenocarcinoma cell line	ATCC HTB-30	Human	Breast	Cell Line	Adherent	iron oxide		<a href="#">Metafectene</a>	L. Matuszewski et al., Radiology, Apr 2005; 235: 155 - 161	
SkBr3	Human EpCAM-positive breast adenocarcinoma cell line	ATCC HTB-30	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	A. M. Scherbakov et al., Acta Naturae, 2015, 7(3): 133-1309	<a href="#">Link</a>
SKBr3	Human EpCAM-positive breast adenocarcinoma cell line	ATCC HTB-30	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H.-K. Lee, PhD Thesis, 2015, Seoul National University	<a href="#">Link</a>
SkM	Rat primary skeletal myoblasts (from newborn Lewis Rats)		Rat	Bone	Primary Cell	Adherent	Plasmid	3D cell culture	<a href="#">Metafectene PRO</a>	B. Blumenthal et al., Artif Organs, Feb 2010; 34(2): E46-54	
SkM	Rat primary skeletal myoblasts (from newborn Lewis Rats)		Rat	Bone	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	B. Blumenthal et al., Eur J Cardiothorac Surg, Oct 2011; 40: e135 - e141	<a href="#">Link</a>
SKMEL-224	Human skin malignant melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	A. Renziehausen et al., Oncogene, 2019, 38:2320-2336, doi.org/10.1038/s41388-018-0563-y	
SKMEL-224	Human skin malignant melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	A. Renziehausen et al., Oncogene, 2019, 38:2320-2336, doi.org/10.1038/s41388-018-0563-y	



CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
SKMEL-23	Human skin malignant metastatic melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	A. Renziehausen et al., Oncogene, 2019, 38:2320-2336, doi.org/10.1038/s41388-018-0563-y	
SKMEL-23	Human skin malignant metastatic melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	A. Renziehausen et al., Oncogene, 2019, 38:2320-2336, doi.org/10.1038/s41388-018-0563-y	
SKMEL-28	Human skin malignant melanoma cell line	ATCC HTB 72	Human	Skin	Cell Line	Adherent	MIDGE		<a href="#">Metafectene</a>	D. Kobelt, Dissertation, 2012, Humboldt-Universität zu Berlin	<a href="#">Link</a>
SKMEL-28	Human skin malignant melanoma cell line	ATCC HTB 72	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. Kobelt, Dissertation, 2012, Humboldt-Universität zu Berlin	<a href="#">Link</a>
SKMEL-28	Human skin malignant melanoma cell line	ATCC HTB-72	Human	Skin	Cell Line	Adherent	Minicircle		<a href="#">Metafectene</a>	D. Kobelt et al., Mol. Biotechnol., Mol Biotechnol, 2013, 53:80-89	
SKMEL-28	Human skin malignant melanoma cell line	ATCC HTB 72	Human	Skin	Cell Line	Adherent	Minicircle		<a href="#">Metafectene</a>	D. Kobelt, Dissertation, 2012, Humboldt-Universität zu Berlin	<a href="#">Link</a>
SKMEL-28	Human skin malignant melanoma cell line	ATCC HTB-72	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. Kobelt et al., Mol. Biotechnol., Mol Biotechnol, 2013, 53:80-89	
SKMEL-5	Human skin malignant melanoma cell line	ATCC HTB-70	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Petkov, Dissertation, 2012, Charité-Universitätsmedizin Berlin	<a href="#">Link</a>
SKMEL-5	Human skin malignant melanoma cell line	ATCC HTB-70	Human	Skin	Cell Line	Adherent	Minicircle		<a href="#">Metafectene</a>	D. Kobelt et al., Mol. Biotechnol., Mol Biotechnol, 2013, 53:80-89	
SKMEL-5	Human skin malignant melanoma cell line	ATCC HTB-70	Human	Skin	Cell Line	Adherent	Minicircle		<a href="#">Metafectene</a>	D. Kobelt, Dissertation, 2012, Humboldt-Universität zu Berlin	<a href="#">Link</a>
SKMEL-5	Human skin malignant melanoma cell line	ATCC HTB-70	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. Kobelt et al., Mol. Biotechnol., Mol Biotechnol, 2013, 53:80-89	
SKMEL-5	Human skin malignant melanoma cell line	ATCC HTB-70	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Pahle et al., BMC Cancer, 2017, 17:129, DOI 10.1186/s12885-017-3123-x	<a href="#">Link</a>
SKMEL-5	Human skin malignant melanoma cell line	ATCC HTB-70	Human	Skin	Cell Line	Adherent	MIDGE		<a href="#">Metafectene</a>	D. Kobelt, Dissertation, 2012, Humboldt-Universität zu Berlin	<a href="#">Link</a>
SKMEL-5	Human skin malignant melanoma cell line	ATCC HTB-70	Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. Kobelt, Dissertation, 2012, Humboldt-Universität zu Berlin	<a href="#">Link</a>
SKN-BE	Human neuroblastoma cell line	ATCC CRL-2271	Human	Brain	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	A. Bertoni et al., J. Biol. Chem., Feb 2011; 286: 4727 - 4741	<a href="#">Link</a>
SKN-BE	Human neuroblastoma cell line	ATCC CRL-2271	Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	O. Baron et al., J. Biol. Chem., Jun 2012; 287: 19827 - 19840	<a href="#">Link</a>
SKN-SH	Human neuroblastoma cell line	ATCC HTB-11	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	C.-C. Yang et al., Mol. Neurobiol., 2016, 53:5833-5846; DOI 10.1007/s12035-015-9485-7	
SKN-SH	Human neuroblastoma cell line	ATCC HTB-11	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	C.-C. Yang et al., Mol. Neurobiol., 2017, 54:3476-3491	
SKOV-3	Human epithelial ovarian adenocarcinoma cell line	ATCC HTB-77	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	S. Dilruba et al., Cells, 2020, 9: 515, doi: 10.3390/cells9020515	<a href="#">Link</a>
SKOV-3	Human epithelial ovarian adenocarcinoma cell line	ATCC HTB-77	Human	Genital Tract	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. P. Masamha et al., Cancer Res., Aug 2009; 69: 6565 - 6572	<a href="#">Link</a>
SKOV-3	Human epithelial ovarian adenocarcinoma cell line	ATCC HTB-77	Human	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	C. P. Masamha et al., Cancer Res., Aug 2009; 69: 6565 - 6572	<a href="#">Link</a>
SL-2	Drosophila melanogaster insect cell line (Schneiders line 2)	ATCC CRL-1963	Insect	Unknown	Cell Line	semi-adherent	Plasmid		<a href="#">Insectogene</a>	C. T. Gordon et al., Biochimica et Biophysica Acta, 2005, 1729: 74 - 80, doi: 10.1016/j.bbexp.2005.03.004	
SL-2	Drosophila melanogaster insect cell line (Schneiders line 2)	ATCC CRL-1963	Insect	Unknown	Cell Line	semi-adherent	Plasmid		<a href="#">Insectogene</a>	M. D. Ilesley et al., Nucleic Acids Research, May 2017, 45 (11): 6572-6588	<a href="#">Link</a>
SL-2	Drosophila melanogaster insect cell line (Schneiders line 2)	ATCC CRL-1963	Insect	Unknown	Cell Line	semi-adherent	Plasmid		<a href="#">Insectogene</a>	Hari-Hara S. K. Potula et al., J. Immunol., May 2012; 188: 4992 - 5002	<a href="#">Link</a>
SL-2	Drosophila melanogaster insect cell line (Schneiders line 2)	ATCC CRL-1963	Insect	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M.-L. Kang et al., Adaptive Medicine, 2014, 6(3), DOI: 10.4247/AM.2014.ABE083	<a href="#">Link</a>
SM10	Mouse placenta (labyrinthine trophoblast) cell line		Mouse	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	K. Selesniemi et al., Stem Cells and Development, 2016, 25 (13); DOI: 10.1089/scd.2016.0010	
SM10	Mouse placenta (labyrinthine trophoblast) cell line		Mouse	Genital Tract	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	R. E. Albers et al., Int. J. of Stem Cells, 2018, 11(1), doi.org/10.15283/jisc17069	<a href="#">Link</a>
SMS-KCN	Human neuroblastoma cell line		Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	A. Groß et al., Cancer Res., 2018, DOI: 10.1158/0008-5472.CAN-17-1860	
SNU-449	Human hepatocellular carcinoma cell line	ATCC CRL-2234	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/sgRNA)	<a href="#">Metafectene PRO</a>	R. Han et al., Scientific Reports, 2021, 11: 8626, doi.org/10.1038/s41598-	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
SNU-449	Human hepatocellular carcinoma cell line	ATCC CRL-2234	Human	Digestive Organs	Cell Line	Adherent	sgRNA	CRISPR	<a href="#">Metafectene PRO</a>	R. Han et al., Scientific Reports, 2021, 11: 8626, doi.org/10.1038/s41598-	<a href="#">Link</a>
SNU719	Human gastric carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	M.-H. Tsai et al., Oncotarget, 2017, 8 (6): 10238-10254	<a href="#">Link</a>
SV-HCEC	Human cerebral endothelial cells		Human	Brain	Unknown		Plasmid		<a href="#">Metafectene PRO</a>	G. Tabatabai et al., Brain, Oct 2008; 131: 2579 - 2595	<a href="#">Link</a>
SV40 MES 13	Mouse mesangial cell line	ATCC CRL1927	Mouse	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	W. Neuhofer et al., Frontiers in Physiol., 5, article 123, doi: 10.3389/fphys.2014.00123	<a href="#">Link</a>
SV1	Murine kidney podocyte cell line		Mouse	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	F. Kliewe et al., FASEB J., 14460: 33, doi: 10.1096/fj.201900978RR	<a href="#">Link</a>
SVZ aNSs	Mouse subventricular zone-derived adult Neurospheres (C57BL/6 mice)		Mouse	Brain	Primary Cell	Adherent	siRNA	3D cell culture	<a href="#">Metafectene PRO</a>	A.-C. Hau et al., J. Cell Biol. Vol., 2017, 216 (9): 2715-2729, doi.org/10.1083/jcb.201701154	
SVZ aNSs	Mouse subventricular zone-derived adult Neurospheres (C57BL/6 mice)		Mouse	Brain	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	A.-C. Hau et al., J. Cell Biol. Vol., 2017, 216 (9): 2715-2729, doi.org/10.1083/jcb.201701154	
SVZ-GBM	Human Glioma spheroides obtained by microdissection of U87MG xenografted mice brain		Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	P. D'Arrigo et al., Cell Death Discovery, 2019, 5:137, doi.org/10.1038/s41420-019-0216-0	<a href="#">Link</a>
SVZ-GBM	Human Glioma spheroides obtained by microdissection of U87MG xenografted mice brain		Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	P. D'Arrigo et al., Cell Death Discovery, 2019, 5:137, doi.org/10.1038/s41420-019-0216-0	<a href="#">Link</a>
SVZ-GBM	Human Glioma spheroides obtained by microdissection of U87MG xenografted mice brain		Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	P. D'Arrigo et al., Cell Death Discovery, 2019, 5:137, doi.org/10.1038/s41420-019-0216-0	<a href="#">Link</a>
SVZ-GBM	Human Glioma spheroides obtained by microdissection of U87MG xenografted mice brain		Human	Brain	Cell Line	Adherent	siRNA		<a href="#">K2 Transfection System</a>	P. D'Arrigo et al., Cell Death Discovery, 2019, 5:137, doi.org/10.1038/s41420-019-0216-0	<a href="#">Link</a>
SW 1353	Human bone chondrosarcoma fibroblast-like cell line	ATCC HTB-94	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	B. K. Ray et al., J. Immunol., Feb 2007; 178: 1774 - 1782	<a href="#">Link</a>
SW 1353	Human bone chondrosarcoma fibroblast-like cell line	ATCC HTB-94	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	H. Kim et al., Nature Communications, 2020, 11: 5023, doi.org/10.1038/s41467-020-18817-7	<a href="#">Link</a>
SW-13	Human primary adrenal gland/cortex small cell carcinoma cells	ATCC CCL-105	Human	Other	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	S. N. Barmaver et al., bioRxiv preprint, 2021, doi.org/10.1101/723205	<a href="#">Link</a>
SW-13	Human primary adrenal gland/cortex small cell carcinoma cells	ATCC CCL-105	Human	Other	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	Y. Chang et al., bioRxiv, 2019, doi.org/10.1101/723205	<a href="#">Link</a>
SW-579	Human thyroid cancer cell line	ATCC HTB-107	Human	Other	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	Y. Wang et al., Molecular Medicine Reports, 2016, 14: 3509-3516, DOI: 10.3892/mmr.2016.5711	<a href="#">Link</a>
SW1736	Human thyroid gland undifferentiated (anaplastic) carcinoma cell line		Human	Other	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	V. Vella et al., Endocrine-Related Cancer, 2019, 26: 197-214, doi.org/10.1530/ERC-18-0310	
SW480	Human colon adenocarcinoma cell line	ATCC CCL-228	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	F. Weipert, Dissertation, 2018, Technische Universität Darmstadt	<a href="#">Link</a>
SW480	Human colon adenocarcinoma cell line	ATCC CCL-228	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	Y. Kuslansky et al., Journal of General Virology, 2016, 97: 3313-3330, DOI 10.1099/jgv.0.000624	<a href="#">Link</a>
SW480	Human colon adenocarcinoma cell line	ATCC CCL-228	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	M. P.V. Shekhar et al., Cancer Res., Mar 2008; 68: 1741 - 1750	<a href="#">Link</a>
SW480	Human colon adenocarcinoma cell line	ATCC CCL-228	Human	Digestive Organs	Cell Line	Adherent	MIDGE		<a href="#">Metafectene</a>	D. Kobelt, Dissertation, 2012, Humboldt-Universität zu Berlin	<a href="#">Link</a>
SW480	Human colon adenocarcinoma cell line	ATCC CCL-228	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. P.V. Shekhar et al., Mol. Cancer Res., Oct 2006; 4: 729 - 745	<a href="#">Link</a>
SW480	Human colon adenocarcinoma cell line	ATCC CCL-228	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. Kobelt, Dissertation, 2012, Humboldt-Universität zu Berlin	<a href="#">Link</a>
SW480	Human colon adenocarcinoma cell line	ATCC CCL-228	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	D. Kobelt et al., Mol. Biotechnol., Mol Biotechnol, 2013, 53:80-89	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
SW480	Human colon adenocarcinoma cell line	ATCC CCL-228	Human	Digestive Organs	Cell Line	Adherent	Minicircle		<a href="#">Metafectene</a>	D. Kobelt, Dissertation, 2012, Humboldt-Universität zu Berlin	<a href="#">Link</a>
SW480	Human colon adenocarcinoma cell line	ATCC CCL-228	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Pahle et al., BMC Cancer, 2017, 17:129, DOI 10.1186/s12885-017-3123-x	<a href="#">Link</a>
SW480	Human colon adenocarcinoma cell line	ATCC CCL-228	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Weiske et al., J. Cell Sci., Jul 2005; 118: 3117 - 3129	<a href="#">Link</a>
SW480	Human colon adenocarcinoma cell line	ATCC CCL-228	Human	Digestive Organs	Cell Line	Adherent	miRNA		<a href="#">Metafectene</a>	O. Oleksiuk et al., Oncotarget, 2015, 6 (42): 44745-44757	<a href="#">Link</a>
SW480	Human colon adenocarcinoma cell line	ATCC CCL-228	Human	Digestive Organs	Cell Line	Adherent	Minicircle		<a href="#">Metafectene</a>	D. Kobelt et al., Mol. Biotechnol., Mol Biotechnol, 2013, 53:80-89	
SW480	Human colon adenocarcinoma cell line	ATCC CCL-228	Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. Ren et al., J. Biol. Chem., Apr 2016; 291: 9629 - 9637	<a href="#">Link</a>
SW480	Human colon adenocarcinoma cell line	ATCC CCL-228	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	A. Pichorner, Dissertation, 2012, Charité – Universitätsmedizin Berlin	<a href="#">Link</a>
SW620	Human colon adenocarcinoma cell line	ATCC CCL-227	Human	Digestive Organs	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	C. A. Duckworth et al., Oncotarget, 2015, 6 (27): 23671-23687	<a href="#">Link</a>
SW620	Human colon adenocarcinoma cell line	ATCC CCL-227	Human	Digestive Organs	Cell Line	Adherent	miRNA		<a href="#">Metafectene</a>	O. Oleksiuk et al., Oncotarget, 2015, 6 (42): 44745-44757	<a href="#">Link</a>
SW620	Human colon adenocarcinoma cell line	ATCC CCL-227	Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Pahle et al., BMC Cancer, 2017, 17:129, DOI 10.1186/s12885-017-3123-x	<a href="#">Link</a>
SYF	Mouse embryonic fibroblast cell line, immortalized with SV40 large T antigen	ATCC CRL-2459	Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	C. Neumann-Giesen et al., J. Cell Sci., Feb 2007; 120: 395 - 406	<a href="#">Link</a>
T-24	Human urinary bladder cancer cell line	ATCC HTB-4	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	M. Endres et al., Oncotarget, 2016, 7(39): 64244-64259	<a href="#">Link</a>
T-24	Human urinary bladder cancer cell line	ATCC HTB-4	Human	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	C. Amantini et al., Oncotarget, 2016, 7 (31): 50180-50194	<a href="#">Link</a>
T-47D	Human breast cancer cell line	ATCC HTB-133	Human	Breast	Cell Line	Adherent	miRNA		<a href="#">K2 Transfection System</a>	B. Ljepoja et al., The Breast, 2019, 43: 31-38, doi.org/10.1016/j.breast.2018.10.007	<a href="#">Link</a>
T-47D	Human breast cancer cell line	ATCC HTB-133	Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	B. Ljepoja et al., The Breast, 2019, 43: 31-38, doi.org/10.1016/j.breast.2018.10.007	<a href="#">Link</a>
T-47D	Human breast cancer cell line	ATCC HTB-133	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	C. Thirukkumaran et al., PLOS ONE 2017, DOI:10.1371/journal.pone.0168233	<a href="#">Link</a>
T-47D	Human breast cancer cell line	ATCC HTB-133	Human	Breast	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene PRO</a>	I. H. Polat, Doctoral Thesis, 2016, University of Barcelona	<a href="#">Link</a>
T-REx-293	Human embryonic kidney cell line, stably expressing tetracycline repressor (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	S. Abu-Hamad et al., J. Biol. Chem., May 2008; 283: 13482 - 13490	<a href="#">Link</a>
T-REx-293	Human embryonic kidney cell line, stably expressing tetracycline repressor (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	S.-B. M. Varda et al., 2012, WO 2007/043049	<a href="#">Link</a>
T-REx-293	Human embryonic kidney cell line, stably expressing tetracycline repressor (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	V. Shoshan-Barmatz et al., 2014, US 8,648,045 (Patent)	<a href="#">Link</a>
T-REx-293	Human embryonic kidney cell line, stably expressing tetracycline repressor (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Arbel et al., J. Biol. Chem., Feb 2010; 285: 6053 - 6062	<a href="#">Link</a>
T-REx-293	Human embryonic kidney cell line, stably expressing tetracycline repressor (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	N. Keinan et al., Mol. Cell. Biol., Dec 2010; 30: 5698 - 5709	<a href="#">Link</a>
T-REx-293	Human embryonic kidney cell line, stably expressing tetracycline repressor (derivat of HEK293)		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S.-B. Varda et al., 2012, EP 2 371 846	<a href="#">Link</a>
T108	Human uveal melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	M. Benhassine et al., Int. J. Mol. Sci., 2018, 19: 3272, doi:10.3390/ijms19103272	<a href="#">Link</a>
T142	Human uveal melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	M. Benhassine et al., Int. J. Mol. Sci., 2018, 19: 3272, doi:10.3390/ijms19103272	<a href="#">Link</a>
T143	Human uveal melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	M. Benhassine et al., Int. J. Mol. Sci., 2018, 19: 3272, doi:10.3390/ijms19103272	<a href="#">Link</a>
T97	Human uveal melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	M. Benhassine et al., Int. J. Mol. Sci., 2018, 19: 3272, doi:10.3390/ijms19103272	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
T98	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene SI</a>	M. B. Morelli et al., <i>Oncotarget</i> , 2016, 7 (28): 43654-43668	<a href="#">Link</a>
T98G	Human brain glioblastoma cell line	ATCC CRL-1690	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	M. Alagoz et al., <i>Nucleic Acids Res.</i> , Mar 2014; 42: 3089 - 3103	<a href="#">Link</a>
T98G	Human brain glioblastoma cell line	ATCC CRL-1690	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	D. Guardavaccaro, Dissertation, 2012, Universita degli Studi della Tuscia	<a href="#">Link</a>
T98G	Human brain glioblastoma cell line	ATCC CRL-1690	Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	D. Guardavaccaro, Dissertation, 2012, Universita degli Studi della Tuscia	<a href="#">Link</a>
T98G	Human brain glioblastoma cell line	ATCC CRL-1690	Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	Z. Ping et al., <i>Cell Cycle</i> , 2012, 11: 10, 1999-2005, doi.org/10.4161/cc.20402	<a href="#">Link</a>
T98G	Human brain glioblastoma cell line	ATCC CRL-1690	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	D. Alcantara, PhD Thesis, 2012, University of Sussex	<a href="#">Link</a>
T98G	Human brain glioblastoma cell line	ATCC CRL-1690	Human	Brain	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafactene PRO</a>	A. G. Mitrakas et al., <i>Cancer Biol. Med.</i> , 2018, 15(3): 260-276, doi: 10.20892/j.issn.2095-3941.2017.0173	<a href="#">Link</a>
T98G	Human brain glioblastoma cell line	ATCC CRL-1690	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	L. M. McDonell et al., <i>Nat. Genet.</i> , 2013, 45 (5): 556-562, doi:10.1038/ng.2602	<a href="#">Link</a>
T98G	Human brain glioblastoma cell line	ATCC CRL-1690	Human	Brain	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafactene PRO</a>	G. D. Maurer et al., <i>Neuro Oncology</i> , Dec 2009; 11: 747 - 756	<a href="#">Link</a>
T98G	Human brain glioblastoma cell line	ATCC CRL-1690	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M.C. Burger et al., <i>Int. J. of Oncology</i> , 2012, 41: 235-241, DOI: 10.3892/ijo.2012.1446	<a href="#">Link</a>
T98G	Human brain glioblastoma cell line	ATCC CRL-1690	Human	Brain	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafactene PRO</a>	G. D. Maurer et al., <i>Neuro Oncology</i> , Dec 2009; 11: 747 - 756	<a href="#">Link</a>
T98G	Human brain glioblastoma cell line	ATCC CRL-1690	Human	Brain	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafactene PRO</a>	A. G. Mitrakas et al., <i>Cancer Biol. Med.</i> , 2018, 15(3): 260-276, doi: 10.20892/j.issn.2095-3941.2017.0173	<a href="#">Link</a>
T98G	Human brain glioblastoma cell line	ATCC CRL-1690	Human	Brain	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafactene PRO</a>	C. Wanka et al., <i>J. Biol. Chem.</i> , Sep 2012; 287: 33436 - 33446	<a href="#">Link</a>
T98G	Human brain glioblastoma cell line	ATCC CRL-1690	Human	Brain	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafactene PRO</a>	W. C. Brucker et al., <i>Zurich Open Repository and Archive, University of Zurich</i> , 2012, doi.org/10.1038/onc.2011.530	<a href="#">Link</a>
TAM6	Human breast adenocarcinoma cell line (MCF-7 clone)		Human	Breast	Cell Line	Adherent	miRNA		<a href="#">K2 Transfection System</a>	B. Ljepoja et al., <i>The Breast</i> , 2019, 43: 31-38, doi.org/10.1016/j.breast.2018.10.007	<a href="#">Link</a>
TAM6	Human breast adenocarcinoma cell line (MCF-7 clone)		Human	Breast	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	B. Ljepoja et al., <i>The Breast</i> , 2019, 43: 31-38, doi.org/10.1016/j.breast.2018.10.007	<a href="#">Link</a>
TCA8113	Human oral squamous cell carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	M. Xu et al., <i>PLoS ONE</i> , 2015, 10(3): e0121439; doi:10.1371/journal.pone.0121439	<a href="#">Link</a>
TCA8113	Human oral squamous cell carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene SI</a>	M. Xu et al., <i>PLoS ONE</i> , 2015, 10(3): e0121439; doi:10.1371/journal.pone.0121439	<a href="#">Link</a>
TFK-1	Human bile duct cholangiocarcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene SI</a>	N. Golob-Schwarzl et al., <i>J. of Cancer Res. and Clin. Oncology</i> , 2019, 145: 2699-2711, doi.org/10.1007/s00432-019-03030-x	<a href="#">Link</a>
THP-1	Human monocytic carcinoma cell line	ATCC TIB 202	Human	Immune System	Cell Line	suspension	Oligonucleotide		<a href="#">DOTAP</a>	A. Avinó et al., <i>Protocols in Nucleic Acid Chemistry</i> , 2020, 77: e78, doi: 10.1002/cpnc.78	
THP-1	Human monocytic carcinoma cell line	ATCC TIB 202	Human	Immune System	Cell Line	suspension	Oligonucleotide		<a href="#">DOTAP</a>	M. M. M. Enriquez ez al., <i>PLoS ONE</i> 13(11): e0206818, doi.org/10.1371/journal.pone.0206818	<a href="#">Link</a>
THP-1	Human monocytic carcinoma cell line	ATCC TIB 202	Human	Immune System	Cell Line	suspension	siRNA	RNA-Interference	<a href="#">Metafactene</a>	S. Diaz-Moralli et al., <i>Oncotarget</i> , 2016, 7 (32): 51876-51897	<a href="#">Link</a>
THP-1	Human monocytic carcinoma cell line	ATCC TIB 202	Human	Immune System	Cell Line	suspension	Plasmid	RNA-Interference	<a href="#">Metafactene</a>	M.-H. Chien et al., <i>Carcinogenesis</i> , Dec 2009; 30: 2005 - 2013	<a href="#">Link</a>
THP-1	Human monocytic carcinoma cell line	ATCC TIB 202	Human	Immune System	Cell Line	suspension	siRNA	RNA-Interference	<a href="#">Metafactene</a>	S.-K. Kim et al., <i>Cellular &amp; Molecular Immunology</i> , 2017, 14: 349-359	<a href="#">Link</a>
THP-1	Human monocytic carcinoma cell line	ATCC TIB 202	Human	Immune System	Cell Line	suspension	Oligonucleotide		<a href="#">Metafactene</a>	L. Zheng et al., <i>J. Leukoc. Biol.</i> , Sep 2007; 82: 619 - 629	<a href="#">Link</a>
THP-1	Human monocytic carcinoma cell line	ATCC TIB 202	Human	Immune System	Cell Line	suspension	Plasmid		<a href="#">Metafactene</a>	N. Mukhamedova et al., <i>J. Lipid Res.</i> , Nov 2008; 49: 2312 - 2322	<a href="#">Link</a>
THP-1	Human monocytic carcinoma cell line	ATCC TIB 202	Human	Immune System	Cell Line	suspension	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	B. Landry et al., <i>PLoS ONE</i> , 2012, 7(8): e44197, doi:10.1371/journal.pone.0044197	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
TM-GBM	Human Glioma spheroides obtained by microdissection of U87MG xenografted mice brain		Human	Brain	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">K2 Transfection System</a>	P. D'Arrigo et al., Cell Death Discovery, 2019, 5:137, doi.org/10.1038/s41420-019-0216-0	<a href="#">Link</a>
TM-GBM	Human Glioma spheroides obtained by microdissection of U87MG xenografted mice brain		Human	Brain	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">K2 Transfection System</a>	P. D'Arrigo et al., Cell Death Discovery, 2019, 5:137, doi.org/10.1038/s41420-019-0216-0	<a href="#">Link</a>
TM-GBM	Human Glioma spheroides obtained by microdissection of U87MG xenografted mice brain		Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	P. D'Arrigo et al., Cell Death Discovery, 2019, 5:137, doi.org/10.1038/s41420-019-0216-0	<a href="#">Link</a>
TM-GBM	Human Glioma spheroides obtained by microdissection of U87MG xenografted mice brain		Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	P. D'Arrigo et al., Cell Death Discovery, 2019, 5:137, doi.org/10.1038/s41420-019-0216-0	<a href="#">Link</a>
TPC1	Human thyroid gland papillary carcinoma cell line		Human	Other	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	V. Vella et al., Endocrine-Related Cancer, 2019, 26: 197-214, doi.org/10.1530/ERC-18-0310	
tsa201	Human embryonic kidney cell line		Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	S. Geisler et al., J. of Neuroscience, 2019, 39(14): 2581-2605, 2581, doi.org/10.1523/JNEUROSCI.2234-18.2019	<a href="#">Link</a>
tsa201	Human embryonic kidney cell line		Human	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	S. Geisler et al., J. of Neuroscience, 2019, 39(14): 2581-2605, 2581, doi.org/10.1523/JNEUROSCI.2234-18.2019	<a href="#">Link</a>
tsA201	Human embryonic kidney cell line		Human	Urinary System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	C. Bavassano et al., Biochim. et Biophysica Acta, 2013, 1833: 3166-3175, doi.org/10.1016/j.bbamcr.2013.09.001	<a href="#">Link</a>
tsA201	Human embryonic kidney cell line		Human	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S. Rizzi et al., The J. of Comparative Neurology, 2016, 524:2093-2116; DOI 10.1002/cne.23934	<a href="#">Link</a>
TT	Human medullary thyroid carcinoma cell line	ATCC CRL-1803	Human	Other	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. Takahashi et al., J. Biochem., Nov 2009; 146: 675 - 682	
U-2 OS	Human bone osteosarcoma cell line	ATCC HTB-96	Human	Bone	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	L. Zheng et al., Nucleic Acids Res., May 2009; 37: 2645 - 2657	<a href="#">Link</a>
U-2 OS	Human bone osteosarcoma cell line	ATCC HTB-96	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	T. Dietschy et al., J. Cell Sci., Apr 2009; 122: 1258 - 1267	<a href="#">Link</a>
U138	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	E. Fuchs, Julius-Maximilians-Universität Würzburg	<a href="#">Link</a>
U138 MG	Human brain glioblastoma cell line	ATCC HTB-16	Human	Brain	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	C. Hagemann et al., Neuro Oncology, Dec 2013; 15: 1696 - 1709	<a href="#">Link</a>
U251	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">K2 Transfection System</a>	P. D'Arrigo et al., Cell Death Discovery, 2019, 5:137, doi.org/10.1038/s41420-019-0216-0	<a href="#">Link</a>
U251	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">K2 Transfection System</a>	P. D'Arrigo et al., Cell Death Discovery, 2019, 5:137, doi.org/10.1038/s41420-019-0216-0	<a href="#">Link</a>
U251	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	P. D'Arrigo et al., Oncotarget, 2017, 8 (40): 68291-68304	<a href="#">Link</a>
U251	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	M. Tufano et al., Cells, 2021, 10, 2366. https://doi.org/10.3390/cells10092366	<a href="#">Link</a>
U251	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	P. D'Arrigo et al., Cell Death Discovery, 2019, 5:137, doi.org/10.1038/s41420-019-0216-0	<a href="#">Link</a>
U251	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	P. D'Arrigo et al., Cell Death Discovery, 2019, 5:137, doi.org/10.1038/s41420-019-0216-0	<a href="#">Link</a>
U251	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	P. D'Arrigo et al., Oncotarget, 2017, 8 (40): 68291-68304	<a href="#">Link</a>
U251	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	R. X. Xu et al., Nan Fang Yi Ke Da Xue Xue Bao, Apr 2006; 26(4): 398-401	
U251	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene</a>	C. Hagemann et al., Neuro Oncology, Dec 2013; 15: 1696 - 1709	<a href="#">Link</a>
U251	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	E. Fuchs, Julius-Maximilians-Universität Würzburg	<a href="#">Link</a>
U251	Human brain glioblastoma cell line		Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene SI</a>	M. B. Morelli et al., Oncotarget, 2016, 7 (28): 43654-43668	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
U266B1	Human multiple myeloma B lymphocyte cell line from peripheral blood	ATCC TIB-196	Human	Immune System	Cell Line	suspension	Plasmid		<a href="#">Metafactene EASY</a>	M. B. Morelli et al., Int. J. Cancer, 2014, 134:2534-2546, DOI:10.1002/ijc.28591	<a href="#">Link</a>
U266B1	Human multiple myeloma B lymphocyte cell line from peripheral blood	ATCC TIB-196	Human	Immune System	Cell Line	suspension	Plasmid		<a href="#">Metafactene EASY</a>	S. Liberati, PhD Thesis, 2014, Sapienza Universita di Roma	<a href="#">Link</a>
U20S	Human bone osteosarcoma cell line	ATCC HTB-96	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	M. Lang-Muritano et al., J. of Clinical Endocrinology & Metabolism, 2018, 103 (10): 3748-3756	
U20S	Human bone osteosarcoma cell line	ATCC HTB-96	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	T. I. Sheikh et al., Translat. Psychiatry, 2021, 11:1, doi.org/10.1038/s41398-020-01158-w	<a href="#">Link</a>
U20S	Human bone osteosarcoma cell line	ATCC HTB-96	Human	Bone	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafactene PRO</a>	S. Hernández-Pérez et al., Oncogene, 2017, 36: 4802-4809, doi:10.1038/onc.2017.21	
U20S	Human bone osteosarcoma cell line	ATCC HTB-96	Human	Bone	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafactene PRO</a>	Y. Martin et al., Oncogene, 2015, 34:1058-1063; doi:10.1038/onc.2014.38	
U20S	Human bone osteosarcoma cell line	ATCC HTB-96	Human	Bone	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafactene PRO</a>	Y. Martin et al., Oncogene, 2015, 34:1058-1063; doi:10.1038/onc.2014.38	
U20S	Human bone osteosarcoma cell line	ATCC HTB-96	Human	Bone	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafactene PRO</a>	S. Hernández-Pérez et al., Oncogene, 2017, 36: 4802-4809, doi:10.1038/onc.2017.21	
U20S	Human bone osteosarcoma cell line	ATCC HTB-96	Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. Hernández-Pérez et al., Oncogene, 2017, 36: 4802-4809, doi:10.1038/onc.2017.21	
U20S	Human bone osteosarcoma cell line	ATCC HTB-96	Human	Bone	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafactene PRO</a>	N. Di Maio et al., FEBS Open Bio, 2017, 7: 1453-1468, doi:10.1002/2211-5463.12307	<a href="#">Link</a>
U20S	Human bone osteosarcoma cell line	ATCC HTB-96	Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	I. Abramowicz et al., HMG Advance Access, 2016	
U20S	Human bone osteosarcoma cell line	ATCC HTB-96	Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	Y. Martin et al., Oncogene, 2015, 34:1058-1063; doi:10.1038/onc.2014.38	
U20S	Human bone osteosarcoma cell line	ATCC HTB-96	Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	I. Abramowicz et al., Hum. Mol. Genet., Dec 2016, DOI: 10.1093/hmg/ddw364	
U20S	Human bone osteosarcoma cell line	ATCC HTB-96	Human	Bone	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafactene PRO</a>	A. M. Davies, PhD Thesis, 2015, University of Dundee	
U20S	Human bone osteosarcoma cell line	ATCC HTB-96	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	J. Suchánková et al., Europ. J. of Histochemistry, 2014; 58:2389, doi: 10.4081/ejh.2014.2389	<a href="#">Link</a>
U20S	Human bone osteosarcoma cell line	ATCC HTB-96	Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	E. Pesarchuk, 2016, Dissertation, University of Vancouver	<a href="#">Link</a>
U20S	Human bone osteosarcoma cell line	ATCC HTB-96	Human	Bone	Cell Line	Adherent	siRNA		<a href="#">Metafactene PRO</a>	E. Pesarchuk, 2016, Dissertation, University of Vancouver	<a href="#">Link</a>
U20S 2-6-3	Human bone osteosarcoma cell line (derivat of U20S)		Human	Bone	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	E. Pesarchuk, 2016, Dissertation, University of Vancouver	<a href="#">Link</a>
U20S 2-6-3	Human bone osteosarcoma cell line (derivat of U20S)		Human	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	E. Pesarchuk, 2016, Dissertation, University of Vancouver	<a href="#">Link</a>
U343	Human malignant astrocytoma cell line		Human	Brain	Cell Line		Plasmid		<a href="#">Metafactene</a>	V. Voss et al., Mol. Cancer Res., Jul 2010; 8: 1002 - 1016	<a href="#">Link</a>
U87 MG	Human brain glioblastoma cell line	ATCC HTB-14	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	U. Weirauch et al., Nucleic Acid Therapeutics, 2013, 23 (4): 264-272, DOI: 10.1089/nat.2012.0407	<a href="#">Link</a>
U87 MG	Human brain glioblastoma cell line	ATCC HTB-14	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	B. Li et al., ResearchSquare, 2020, doi.org/10.21203/rs.3.rs-58864/v1	
U87 MG	Human brain glioblastoma cell line	ATCC HTB-14	Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	Y. Tomioka et al., J. Gen. Virol., Mar 2004; 85: 647 - 652	<a href="#">Link</a>
U87 MG	Human brain glioblastoma cell line	ATCC HTB-14	Human	Brain	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafactene EASY</a>	M. Nabissi et al., Carcinogenesis, Jan 2013; 34: 48 - 57	<a href="#">Link</a>
U87 MG	Human brain glioblastoma cell line	ATCC HTB-14	Human	Brain	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafactene EASY</a>	M. Nabissi et al., Carcinogenesis, Jan 2013; 34: 48 - 57	<a href="#">Link</a>
U87 MG	Human brain glioblastoma cell line	ATCC HTB-14	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene EASY</a>	M. Nabissi et al., Carcinogenesis, Jan 2013; 34: 48 - 57	<a href="#">Link</a>
U87 MG	Human brain glioblastoma cell line	ATCC HTB-14	Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafactene EASY</a>	J. C. Romero Sandoval, PhD Thesis, 2014, Universitat de Barcelona	<a href="#">Link</a>
U87 MG	Human brain glioblastoma cell line	ATCC HTB-14	Human	Brain	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafactene PRO</a>	M. Nabissi et al., Carcinogenesis, May 2010; 31: 794 - 803	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
U87 MG	Human brain glioblastoma cell line	ATCC HTB-14	Human	Brain	Cell Line	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafactene PRO</a>	M. Nabissi et al., Carcinogenesis, May 2010; 31: 794 - 803	<a href="#">Link</a>
U87 MG	Human brain glioblastoma cell line	ATCC HTB-14	Human	Brain	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafactene PRO</a>	S. Liu et al., J. Biol. Chem., 2015, 290(29): 17894-17908; DOI 10.1074/jbc.M114.607184	<a href="#">Link</a>
U87 MG	Human brain glioblastoma cell line	ATCC HTB-14	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	G. Eisele et al., Neuro Oncology, Feb 2011; 13: 155 - 164	<a href="#">Link</a>
U87 MG	Human brain glioblastoma cell line	ATCC HTB-14	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. Liu et al., J. Biol. Chem., Jul 2015; 290: 17894 - 17908	
U87 MG	Human brain glioblastoma cell line	ATCC HTB-14	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. Liu et al., J. Biol. Chem., 2015, 290(29): 17894-17908; DOI 10.1074/jbc.M114.607184	<a href="#">Link</a>
U87 MG	Human brain glioblastoma cell line	ATCC HTB-14	Human	Brain	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M. Nabissi et al., Carcinogenesis, May 2010; 31: 794 - 803	<a href="#">Link</a>
U87 MG	Human brain glioblastoma cell line	ATCC HTB-14	Human	Brain	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafactene PRO</a>	A. G. Mitrakas et al., Cancer Biol. Med., 2018, 15(3): 260-276, doi: 10.20892/j.issn.2095-3941.2017.0173	<a href="#">Link</a>
U87 MG	Human brain glioblastoma cell line	ATCC HTB-14	Human	Brain	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafactene PRO</a>	A. G. Mitrakas et al., Cancer Biol. Med., 2018, 15(3): 260-276, doi: 10.20892/j.issn.2095-3941.2017.0173	<a href="#">Link</a>
U87 MG	Human brain glioblastoma cell line	ATCC HTB-14	Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	S. M. Figueroa, Tesis Doctoral, 2021, Universidad Complutense de Madrid	<a href="#">Link</a>
U87 MG	Human brain glioblastoma cell line	ATCC HTB-14	Human	Brain	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	S. Liu et al., J. Biol. Chem., Jul 2015; 290: 17894 - 17908	
U937	Human histiocytic lymphoma cell line	ATCC CRL-1593.2	Human	Immune System	Cell Line	suspension	siRNA	RNA-Interference	<a href="#">Metafactene</a>	S. Kim et al., Innate Immunity, Nov 2014; 20: 799 - 815.	
UACC-257	Human melanoma cells		Human	Skin	Unknown	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	A. Vamanet et al., 2015, PLoS ONE 10(6): e0129219; doi:10.1371/journal.pone.0129219	<a href="#">Link</a>
UMel-2	Human primary ciliry body melanoma cells		Human	Skin	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	I. Venza et al., Int. Immunopharmacol., 2014, 21: 439-446; doi.org/10.1016/j.intimp.2014.05.024	
UMel-2	Human primary ciliry body melanoma cells		Human	Skin	Primary Cell	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	I. Venza et al., Int. Immunopharmacol., 2014, 21: 439-446; doi.org/10.1016/j.intimp.2014.05.024	
UMR106-01	Rat bone osteosarcoma sialoprotein cell line	ATCC CRL-1661	Rat	Bone	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene</a>	M. C. Sandoval-Usme et al., PLoS ONE, 2014, 9(1): e87769, doi:10.1371/journal.pone.0087769	<a href="#">Link</a>
UMR106-01	Rat bone osteosarcoma sialoprotein cell line	ATCC CRL-1661	Rat	Bone	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	J. P. Gorski et al., J. Biol. Chem., Jan 2011; 286: 1836 - 1849	<a href="#">Link</a>
Vero	African green monkey kidney cell line	ATCC CCL-81	Monkey	Urinary System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafactene</a>	J. York et al., J. Virol., Oct 2004; 78: 10783 - 10792	
Vero	African green monkey kidney cell line	ATCC CCL-81	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	U. Schneider et al., J. Virol., Nov 2003; 77: 11781 - 11789	<a href="#">Link</a>
Vero	African green monkey kidney cell line	ATCC CCL-81	Monkey	Urinary System	Cell Line	Adherent	dsRNA		<a href="#">Metafactene</a>	F. Weber et al., J. Virol., May 2006; 80: 5059 - 5064	<a href="#">Link</a>
Vero	African green monkey kidney cell line	ATCC CCL-81	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	Y. Tomioka et al., J. Gen. Virol., Mar 2004; 85: 647 - 652	<a href="#">Link</a>
Vero	African green monkey kidney cell line	ATCC CCL-81	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene</a>	H. Kang et al., J. Gen. Virol., Aug 2006; 87: 2181 - 2190	<a href="#">Link</a>
Vero	African green monkey kidney cell line	ATCC CCL-81	Monkey	Urinary System	Cell Line	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	A. Grizel et al., J Neuroimmune Pharmacol, 2014, 9 :727-739, DOI 10.1007/s11481-014-9565-x	
WERI-Rb1	Human retinoblastoma cell line	ATCC HBT-169	Human	Sensory Organs	Cell Line	suspension	siRNA	RNA-Interference	<a href="#">Metafactene</a>	Y. Liu et al., Pathology - Res. and Practice, 2019, 215, 152641, doi.org/10.1016/j.prp.2019.152641	<a href="#">Link</a>
WERI-Rb1	Human retinoblastoma cell line	ATCC HBT-169	Human	Sensory Organs	Cell Line	suspension	siRNA	RNA-Interference	<a href="#">Metafactene</a>	Y. Liang et al., Experimental and Therapeutic Medicine, 2017, 14: 2367-2372, DOI: 10.3892/etm.2017.4779	<a href="#">Link</a>
WI-38	Human lung fibroblast cells	ATCC CCL-75	Human	Respiratory System	Unknown	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafactene</a>	A. M. Szekely et al., Mol. Cell. Biol., Dec 2005; 25: 10492 - 10506	<a href="#">Link</a>
WI-38	Human lung fibroblast cells	ATCC CCL-75	Human	Respiratory System	Unknown	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafactene</a>	A. M. Szekely et al., Mol. Cell. Biol., Dec 2005; 25: 10492 - 10506	<a href="#">Link</a>
WI-38	Human lung fibroblast cells	ATCC CCL-75	Human	Respiratory System	Unknown	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene</a>	A. M. Szekely et al., Mol. Cell. Biol., Dec 2005; 25: 10492 - 10506	<a href="#">Link</a>
WIDr	Human colorectal adenocarcinoma cell line	ATCC CCL-218	Human	Digestive Organs	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafactene</a>	P. Suboj et al., Pharmacology, 2012, 89: 91-98, DOI: 10.1159/000335659	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
WM266-4	Human cutaneous metastatic melanoma cell line	ATCC CRL-1676	Human	Skin	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	M. Bubka et al., <i>Biochimie</i> , 2014, 103: 37-49, doi.org/10.1016/j.biochi.2014.04.003	
WM853	Human melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene PRO</a>	I. Karwaciak et al., <i>Cancers</i> , 2019, 11, 673, doi:10.3390/cancers11050673	<a href="#">Link</a>
WM853	Human melanoma cell line		Human	Skin	Cell Line	Adherent	Plasmid	Stable Transfection	<a href="#">Metafectene PRO</a>	I. Karwaciak et al., <i>Cancers</i> , 2019, 11, 673, doi:10.3390/cancers11050673	<a href="#">Link</a>
WS-15	Human breast cancer cell line		Human	Breast	Cell Line		Plasmid	RNA-Interference	<a href="#">Metafectene</a>	M. P.V. Shekhar et al., <i>Cancer Res.</i> , Mar 2008; 68: 1741 - 1750	<a href="#">Link</a>
WSL	Wild boar lung cell line		Swine	Respiratory System	Cell Line	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">K2 Transfection System</a>	A. Hübner et al., <i>J. Gen. Virology</i> , 2019, 100: 1303-1314, DOI 10.1099/jgv.0.001306	<a href="#">Link</a>
WSL	Wild boar lung cells		Swine	Respiratory System	Unknown	Adherent	Plasmid	CRISPR	<a href="#">K2 Transfection System</a>	A. Hübner et al., <i>Scientific Reports</i> , 2018, 8: 1449, DOI:10.1038/s41598-018-19626-1	<a href="#">Link</a>
WSL	Wild boar lung cells		Swine	Respiratory System	Unknown	Adherent	Plasmid	Stable Transfection	<a href="#">K2 Transfection System</a>	A. Hübner et al., <i>Scientific Reports</i> , 2018, 8: 1449, DOI:10.1038/s41598-018-19626-1	<a href="#">Link</a>
WSL	Wild boar lung cell line		Swine	Respiratory System	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">K2 Transfection System</a>	A. Hübner et al., <i>J. Gen. Virology</i> , 2019, 100: 1303-1314, DOI 10.1099/jgv.0.001306	<a href="#">Link</a>
WSL	Wild boar lung cells		Swine	Respiratory System	Unknown	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	R. S. Portugal et al., <i>Virology</i> , 2017, 508: 70-80	
WSL-HP	Wild boar lung cells		Swine	Respiratory System	Cell Line	Adherent	Plasmid	CRISPR	<a href="#">K2 Transfection System</a>	T. Kabuuka, Dissertation, 2020, Universität Greifswald	<a href="#">Link</a>
XP12RO	Human xeroderma pigmentosum cell line, SV40 immortalized		Human	Skin	Cell Line	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	S. Sertic et al., <i>PNAS</i> , Aug 2011; 108: 13647 - 13652	<a href="#">Link</a>
XS106	Mouse dendritic cell line		Mouse	Immune System	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	M. Ohtani et al., <i>Cell. Microbiology</i> , 2012, 14(1): 40-57, doi:10.1111/j.1462-5822.2011.01695.x	<a href="#">Link</a>
Y-79	Human retinoblastoma cell line	ATCC HTB-18	Human	Sensory Organs	Cell Line	suspension	siRNA	RNA-Interference	<a href="#">Metafectene</a>	Y. Gao et al., <i>Mol. Cell Biochem.</i> , 2016, 414:77-84; DOI 10.1007/s11010-016-2660-y	
Y-79	Human retinoblastoma cell line	ATCC HTB-18	Human	Sensory Organs	Cell Line	suspension	siRNA	RNA-Interference	<a href="#">Metafectene</a>	Y. Gao et al., <i>Inc. J. Biochem. Mol. Toxicol.</i> , 2014, 28 :394-399, DOI 10.1002/jbt.21576	
Y1	Mouse adrenocortical tumour cell line	ATCC CCL-79	Mouse	Other	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	A. Berthon et al., <i>Hum. Mol. Genet.</i> , Feb 2014; 23: 889 - 905	<a href="#">Link</a>
YCCEL1	Human gastric carcinoma cell line		Human	Digestive Organs	Cell Line	Adherent	Plasmid	Virus Production	<a href="#">Metafectene</a>	M.-H. Tsai et al., <i>Oncotarget</i> , 2017, 8 (6): 10238-10254	<a href="#">Link</a>
	Rat (Wistar adult male) hepatocytes		Rat	Digestive Organs	Unknown	Adherent	Plasmid		<a href="#">DOTAP</a>	E. Skarpen et al., <i>FASEB J</i> , Feb 2008; 22: 466 - 476	<a href="#">Link</a>
	Neurosphere derived neuroprogenitor cells (isolated from newborn mice brains)		Mouse	Brain	Unknown	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">K2 Transfection System</a>	S.Y. Kim et al., <i>J. of Cell Science</i> , 2019, 132, jcs228940, doi:10.1242/jcs.228940	<a href="#">Link</a>
	Rat primary neonatal cardiomyocytes (isolated from the heart of 18-day-old embryos of Sprague-Dawley rats)		Rat	Muscle	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	E. Echeverría et al., <i>Front. Pharmacol.</i> , 2020, 11: 113, doi: 10.3389/fphar.2020.00113	<a href="#">Link</a>
	Mouse primary brown adipocyte		Mouse	Other	Primary Cell		siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	J. M. Olsen et al., <i>J. Cell Biol.</i> , Nov 2014; 207: 365 - 374	<a href="#">Link</a>
	Human peripheral blood mononuclear cell (PBMC)-derived macrophages		Human	Unknown	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	T. Troiani et al., <i>British Journal of Cancer</i> , 2020, 122: 1782-1790, doi.org/10.1038/s41416-020-0840-8	<a href="#">Link</a>
	Mouse immortalized differentiated podocytes		Mouse	Urinary System	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	J. G. Greiten et al., <i>The FASEB Journal</i> , 2021, 35: e21560, DOI: 10.1096/fj.202001179RR	<a href="#">Link</a>
	Mouse podocytes		Mouse	Urinary System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">K2 Transfection System</a>	F. Kliewe et al., <i>SCIENTIFIC REPORTS</i> , nature.com, 7: 9916, DOI:10.1038/s41598-017-10116-4	<a href="#">Link</a>
	Rat primary neonatal cardiomyocytes (isolated from the heart of 18-day-old embryos of Sprague-Dawley rats)		Rat	Muscle	Primary Cell	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	E. Echeverría et al., <i>Front. Pharmacol.</i> , 2020, 11: 113, doi: 10.3389/fphar.2020.00113	<a href="#">Link</a>



CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
	Human non-embryonic CD34+multipotent stem cells isolated from umbilical cord blood		Human	Other	stem cell	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	S. Sharma et al., Cell Biol. Int., 2016, 40: 1366-1371, doi: 10.1002/cbin.10681	
	Mouse retinal ganglion cells (from multipotent retinal stem cells)		Mouse	Sensory Organs	stem cell	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	D.-W. Chen et al., Prec. Nanomed., 2018, 1(2):106-123, DOI: 10.29016/180711.1	<a href="#">Link</a>
	Mouse retinal ganglion cells (from multipotent retinal stem cells)		Mouse	Sensory Organs	stem cell	Adherent	Plasmid		<a href="#">K2 Transfection System</a>	D.-W. Chen et al., Prec. Nanomed., 2018, 1(2):106-123, DOI: 10.29016/180711.1	<a href="#">Link</a>
	Mouse (BALB/c mice) organ of Corti explants		Mouse	Sensory Organs	Unknown		miRNA		<a href="#">K2 Transfection System</a>	Y. Li et al., Cell Death and Disease, 2016, 7:e2362, doi:10.1038/cddis.2016.246	<a href="#">Link</a>
	Leishmania donovani promastigotes		Protozoan	Unknown	Unknown		Plasmid		<a href="#">K2 Transfection System</a>	I. S. Chauhan et al., Acta Tropica, 2019, 199, 105158, doi.org/10.1016/j.actatropica.2019.105158	<a href="#">Link</a>
	Mouse chondrocytes		Mouse	Other	Primary Cell	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	A. Jash et al., PLoS ONE, 2012, 7(7): e40828, doi:10.1371/journal.pone.0040828	<a href="#">Link</a>
	Rabbit articular chondrocytes		Rabbit	Other	Primary Cell	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	J. Rhee, J. of Bio. Chem., 2012, 287, 15: 11751-11760, DOI 10.1074/jbc.M111.281014	<a href="#">Link</a>
	Mouse articular chondrocytes		Mouse	Other	Primary Cell	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene</a>	J. Rhee, J. of Biol. Chem., 2012, 287, 15: 11751-11760, DOI 10.1074/jbc.M111.281014	<a href="#">Link</a>
	Mouse (C57Bl/L6) cells in the area of the organ of Corti		Mouse	Sensory Organs	Unknown		Plasmid	in vivo Application	<a href="#">Metafectene</a>	M. Praetorius et al., HNO, May 2008; 56(5): 524-9	
	4-6-week old Balb/c IL2 NOD SCID (null) mice injected into tail vein		Mouse	Unknown	Unknown		siRNA	in vivo Application	<a href="#">Metafectene</a>	S. Romano et al., Cell Death and Disease, 2013, 4: e578, doi:10.1038/cddis.2013.109	<a href="#">Link</a>
	Rat (Sprague-Dawley)		Rat	Unknown	Unknown		Plasmid	in vivo Application	<a href="#">Metafectene</a>	T. Holzbach et al., J Cell Mol Med, Mar 2010; 14(3): 587-99	
	Mouse primary cortical cells		Mouse	Brain	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	B.-H. Choi et al., J. Cell Sci., Apr 2006; 119: 1329 - 1340	
	Rat (newborn) ovary cells		Rat	Genital Tract	Unknown		siRNA	RNA-Interference	<a href="#">Metafectene</a>	L. Q. Xu et al., Sheng Li Xue Bao, Oct 2009; 61(5): 424-30	
	Mouse (18.5 dpc fetal or neonatal) ovaries		Mouse	Genital Tract	Unknown		siRNA	RNA-Interference	<a href="#">Metafectene</a>	H. Zhang et al., Reproduction, Jun 2014; 148: 43 - 54	<a href="#">Link</a>
	Hamster fetal ovary (organ culture)		Hamster	Genital Tract	organ		siRNA	RNA-Interference	<a href="#">Metafectene</a>	S. K. Roy et al., Methods and Protocols, 825, DOI 10.1007/978-1-61779-436-0_12	
	Mouse cultured fetal ovaries		Mouse	Genital Tract	Primary Cell		siRNA	RNA-Interference	<a href="#">Metafectene</a>	B. Xu et al., PLoS One, 2011, 6(1): e16046, doi: 10.1371/journal.pone.0016046	<a href="#">Link</a>
	Bovine granulosa cells isolated from follicles (2-8 mm in diameter) of bovine ovaries		Cow	Genital Tract	Primary Cell		siRNA	RNA-Interference	<a href="#">Metafectene</a>	M. R. Plewes et al., bioRxiv, 2018, doi.org/10.1101/406256	<a href="#">Link</a>
	Human primary chronic lymphocytic leukemia cells		Human	Immune System	Primary Cell	suspension	siRNA	RNA-Interference	<a href="#">Metafectene</a>	S. Romano et al., Haematologica, Jul 2008; 93: 1039 - 1048	<a href="#">Link</a>
	Rat ventricular myocytes		Rat	Muscle	Primary Cell	Adherent	Plasmid	RNA-Interference	<a href="#">Metafectene</a>	B. Hu et al., BioScience Trends., 2012; 6(1): 26-32, DOI: 10.5582/bst.2012.v6.1.26	<a href="#">Link</a>
	Rat sensory neurons isolated from dorsal root ganglia (DRG)		Rat	Nervous System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	C. Li et al., J. of Neuroinflammation, 2015, DOI 10.1186/s12974-015-0286-8	<a href="#">Link</a>
	Rat (Sprague Dawley young adult male) primary sensory neurons		Rat	Nervous System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	Y. H. Zhang et al., J Neurophysiol, Jan 2012; 107: 315 - 335	<a href="#">Link</a>
	Rat (Sprague Dawley young adult male) primary sensory neurons		Rat	Nervous System	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	X. X. Chi et al., J Neurophysiol, Nov 2010; 104: 2741 - 2748	<a href="#">Link</a>
	Rabbit (New Zealand) primary chondrocytes from articular cartilage		Rabbit	Other	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	E.-H. Hong et al., J. Biol. Chem., Aug 2011; 286: 28619 - 28631	<a href="#">Link</a>
	Rabbit (New Zealand) primary chondrocytes from articular cartilage		Rabbit	Other	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	J.-H. Ryu et al., J. Biol. Chem., Aug 2006; 281: 22039 - 22047	<a href="#">Link</a>
	Human primary skin fibroblasts		Human	Skin	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	M. Milani et al., ResearchSquare, 2021, doi.org/10.21203/rs.3.rs-138253/v1	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
	Human keratinocytes isolated from neonatal foreskin		Human	Skin	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	S. Bruche, PhD Thesis, 2014, Imperial College London	<a href="#">Link</a>
	Human primary fibroblasts (derived from ALS patients)		Human	Unknown	Cell Line	Adherent	siRNA	RNA-Interference	<a href="#">Metafectene</a>	M. Milani et al., J. of Neuroinflammation, 2021, 18: 132, doi.org/10.1186/s12974-021-02184-1	<a href="#">Link</a>
	Mouse (nude) xenografted tumor, established by human Hep-2 cells		Mouse	Unknown	Unknown		Plasmid	RNA-Interference	<a href="#">Metafectene</a>	J. Zhou et al., Lin Chuang Er Bi Yan Hou Ke Za Zhi, Mar 2006; 20(6): 264-7	
	4-6-week old Balb/c IL2 NOD SCID (null) mice injected into tail vein		Mouse	Unknown	Unknown		siRNA	RNA-Interference	<a href="#">Metafectene</a>	S. Romano et al., Cell Death and Disease, 2013, 4: e578, doi:10.1038/cddis.2013.109	<a href="#">Link</a>
	Human primary fibroblasts		Human	Unknown	Primary Cell		siRNA	RNA-Interference	<a href="#">Metafectene</a>	L. Woodbine et al., Nucleic Acids Res., Sep 2011; 39: 6986 - 6997	<a href="#">Link</a>
	Human fetal cortical stem cell cultures		Human	Brain	stem cell	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Couillard-Despres et al., 2014, US 8,841,430	<a href="#">Link</a>
	Human fetal cortical stem cell cultures		Human	Brain	stem cell	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Couillard-Despres et al., 2014, US 8,841,430	<a href="#">Link</a>
	Mouse primary embryonic forebrain cells		Mouse	Brain	Primary Cell		Plasmid		<a href="#">Metafectene</a>	C. Karl et al., J Neurochemistry, 2005, 92, 264-282	
	Mouse embryonic forebrain cultures		Mouse	Brain	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Couillard-Despres et al., 2014, US 8,841,430	<a href="#">Link</a>
	Rat primary pinealocyte cells		Rat	Brain	Primary Cell		Plasmid		<a href="#">Metafectene</a>	T.-D. Kim et al., Genes & Dev., Apr 2007; 21: 797 - 810	<a href="#">Link</a>
	Mouse (18.5 dpc fetal or neonatal) ovaries		Mouse	Genital Tract	Unknown		miRNA		<a href="#">Metafectene</a>	H. Zhang et al., Reproduction, Jun 2014; 148: 43 - 54	<a href="#">Link</a>
	Mouse granulosa cells isolated from ICR mouse ovaries		Mouse	Genital Tract	Primary Cell		Plasmid		<a href="#">Metafectene</a>	J.-H. Kim et al., J. Reprod. Dev., 2014, 60 (1): 14-20	<a href="#">Link</a>
	Rat primary granulosa cells isolated from Ovaries		Rat	Genital Tract	Primary Cell		Plasmid		<a href="#">Metafectene</a>	J.-H. Kim et al., Nature Commun., 2014, 5: 2936, DOI: 10.1038/ncomms3936	<a href="#">Link</a>
	Mouse (BALB/c) primary alveolar macrophages		Mouse	Immune System	Primary Cell		Plasmid		<a href="#">Metafectene</a>	M.-Y. Kim et al., J. Cell Sci., May 2008; 121: 1466 - 1476	<a href="#">Link</a>
	Rat (Sprague-Dawley) primary alveolar macrophages		Rat	Immune System	Primary Cell		Plasmid		<a href="#">Metafectene</a>	M.-Y. Kim et al., J. Cell Sci., May 2008; 121: 1466 - 1476	<a href="#">Link</a>
	Primary rat neuronal dendrites		Rat	Nervous System	Primary Cell	Adherent	mRNA		<a href="#">Metafectene</a>	J. Eberwine et al., 2013, US 8,367,402	
	Rabbit (New Zealand) primary chondrocytes from articular cartilage		Rabbit	Other	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene</a>	J.-H. Ryu et al., J. Biol. Chem., Aug 2006; 281: 22039 - 22047	<a href="#">Link</a>
	Rabitt (Lapine) articular chondrocytes		Rabbit	Other	Unknown		Plasmid		<a href="#">Metafectene</a>	P. Orth et al., Mol Biotechnol, Feb 2008; 38 (2): 137-44	
	Rabbit (New Zealand) primary chondrocytes from articular cartilage		Rabbit	Other	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene</a>	Y. H. Huh et al., J. Biol. Chem., Jun 2007; 282: 17123 - 17131	<a href="#">Link</a>
	Rabbit (New Zealand) primary chondrocytes from articular cartilage		Rabbit	Other	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene</a>	J. Rhee et al., J. Biol. Chem., Apr 2012; 287: 11751 - 11760	<a href="#">Link</a>
	Human tenon's capsule fibroblasts		Human	Sensory Organs	Unknown		Oligonucleotide		<a href="#">Metafectene</a>	H. Mietz et al., Invest. Ophthalmol. Vis. Sci., May 2003; 44: 4290	
	Primary human skin fibroblasts		Human	Skin	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene</a>	T. Kiel, Dissertation 2012, Julius-Maximilians-Universität Würzburg	
	Human Praeadipocytes		Human	Skin	Primary Cell		Plasmid		<a href="#">Metafectene</a>	G. Weisinger et al., US9663790B2	<a href="#">Link</a>
	Human Praeadipocytes		Human	Skin	Primary Cell		Plasmid		<a href="#">Metafectene</a>	G. Weisinger et al., US9663790B2	<a href="#">Link</a>
	Mouse fibroblast cell line, deficient of N-WASP		Mouse	Unknown	Cell Line	Adherent	Plasmid		<a href="#">Metafectene</a>	S. Benesch et al., J. Cell Sci., Jul 2005; 118: 3103 - 3115	<a href="#">Link</a>
	Human fibrous dysplasia cells		Human	Unknown	Unknown		Plasmid		<a href="#">Metafectene</a>	P. Orth et al., Mol Biotechnol, Feb 2008; 38 (2): 137-44	
	Xenopus laevis (african clawed frog) primary intestine tissue		Frog	Digestive Organs	Primary Cell		Plasmid		<a href="#">Metafectene EASY</a>	T. Hasebe et al., Developmental Dynamics 241:403-414, 2012	
	Plutella xylostella hemocoel of late second instar larvae		Insect	Unknown	Unknown		dsRNA	Cotransfection (Plasmid/dsRNA)	<a href="#">Metafectene PRO</a>	S. Kumar et al., Comp. Biochem. and Physiol., 2014, Part A 177: 27-34, doi.org/10.1016/j.cbpa.2014.07.017	
	Mouse primary hepatocytes		Mouse	Digestive Organs	Primary Cell	Adherent	miRNA	Cotransfection (Plasmid/miRNA)	<a href="#">Metafectene PRO</a>	S. Surendran et al., Scientific Reports, 2016, 6:18958; DOI: 10.1038/srep18958	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
	Mouse primary hepatocytes		Mouse	Digestive Organs	Primary Cell	Adherent	Plasmid	Cotransfection (Plasmid/miRNA)	<a href="#">Metafectene PRO</a>	S. Surendran et al., Scientific Reports, 2016, 6:18958; DOI: 10.1038/srep18958	<a href="#">Link</a>
	Mouse primary hepatocytes		Mouse	Digestive Organs	Primary Cell	Adherent	Plasmid	Cotransfection (Plasmid/Plasmid)	<a href="#">Metafectene PRO</a>	S. Surendran, PhD Thesis, 2014, Indiana University	
	Rat primary hepatocytes		Rat	Digestive Organs	Primary Cell	Adherent	siRNA	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	F. Damiano et al., Biochem. J., 2013, 449: 543-553, doi:10.1042/BJ20120906	
	Rat primary hepatocytes		Rat	Digestive Organs	Primary Cell	Adherent	Plasmid	Cotransfection (Plasmid/siRNA)	<a href="#">Metafectene PRO</a>	F. Damiano et al., Biochem. J., 2013, 449: 543-553, doi:10.1042/BJ20120906	
	Plutella xylostella, third instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafectene PRO</a>	Z. Wang et al., PLoS Genet., 2021, 17(9): e1009751. <a href="https://doi.org/10.1371/journal.pgen.1009751">https://doi.org/10.1371/journal.pgen.1009751</a>	<a href="#">Link</a>
	Plutella xylostella hemocoel of early third instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafectene PRO</a>	S. Kumar et al., Scientific Reports, 7: 43287, DOI: 10.1038/srep43287	<a href="#">Link</a>
	Plutella xylostella early third instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafectene PRO</a>	Z. Guo et al., Scientific Reports, 2015, 5: 13728; DOI: 10.1038/srep13728	<a href="#">Link</a>
	Spodoptera exigua adult larvae (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafectene PRO</a>	S. Ahmed et al., Arch. Insect Biochem. Physiol., 2021, 106: e21748, doi.org/10.1002/arch.21748	<a href="#">Link</a>
	Plutella xylostella hemocoel of L3D1 NP larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafectene PRO</a>	S. Kumar et al., J. of General Virology, 2016, 97: 2780-2796; DOI 10.1099/jgv.0.000560	<a href="#">Link</a>
	Spodoptera exigua fifth instar larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafectene PRO</a>	J. Park et al., PLoS ONE, 2014, 9(9): e105717, doi:10.1371/journal.pone.0105717	<a href="#">Link</a>
	Plutella xylostella (hemocoel of DBM1Ac-S larvae, diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafectene PRO</a>	L. Gong et al., Toxins, 2020, 12, 7, doi: 10.3390/toxins12020076	<a href="#">Link</a>
	Spodoptera exigua fourth instar larvae (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafectene PRO</a>	J. Hwang et al., Archives of Insect Biochemistry and Physiology, 2013, 82 (3): 151-169, DOI: 10.1002/arch.21103	
	Plutella xylostella (hemocoel of DBM1Ac-S larvae, diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafectene PRO</a>	L. Gong et al., Toxins, 2020, 12, 7, doi: 10.3390/toxins12020076	<a href="#">Link</a>
	Plutella xylostella larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		Plasmid	in vivo Application	<a href="#">Metafectene PRO</a>	W. Gad et al., J. Gen. Virol., Apr 2008; 89: 931 - 938	<a href="#">Link</a>
	Spodoptera exigua larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafectene PRO</a>	M. M. I. Mollah et al., Front. Physiol., 2021, doi.org/10.3389/fphys.2021.744272	<a href="#">Link</a>
	Spodoptera exigua larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafectene PRO</a>	M. M. I. Mollah et al., Front. Physiol., 2021, doi.org/10.3389/fphys.2021.744272	<a href="#">Link</a>
	Plodia interpunctella larvae (Indian meal moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafectene PRO</a>	G. Deok Han et al., Pesticide Biochem. and Physiol., Nov. 2017, 143: 48-56, doi.org/10.1016/j.pestbp.2017.09.010	
	Plutella xylostella (1 day old L4 larvae, diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafectene PRO</a>	M.C. Roy et al., Arch. Insect Biochem. Physiol., 2020, 104: e21670, DOI: 10.1002/arch.21670	
	Aedes albopictus (mosquito, 5 days old females)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafectene PRO</a>	Md. A. Al Baki et al., bioRxiv, 2020, doi.org/10.1101/2020.07.17.208389	<a href="#">Link</a>
	Plutella xylostella hemocoel of late second instar larvae		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafectene PRO</a>	S. Kumar et al., Comp. Biochem. and Physiol., 2014, Part A 177: 27-34, doi.org/10.1016/j.cbpa.2014.07.017	
	Maruca vitrata hemocoel of L5D1 larvae (legume pod borer)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafectene PRO</a>	M. A. Al Baki et al., PLoS ONE, 2018, 13 (10): e0204935, doi.org/10.1371/journal.pone.0204935	<a href="#">Link</a>
	Plutella xylostella, third instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		Plasmid	in vivo Application	<a href="#">Metafectene PRO</a>	B. Park et al., Insect Science, 2012, 19: 47-54, DOI 10.1111/j.1744-7917.2011.01421.x	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
	Spodoptera exigua fifth instar larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	J. Park et al., Archives of Insect Biochem. and Physiol., 2014, 85(4) :234-247, DOI: 10.1002/arch.21156	
	Spodoptera exigua larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	M. C. Roy et al., J. Microbiol. Biotechnol., 2021, 31(4): 529-539, doi.org/10.4014/jmb.2012.12045	<a href="#">Link</a>
	Spodoptera exigua first-day fifth-instar larvae L5D1 (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	S. Shrestha et al., Archives of Insect Biochem. and Physiol., 2015, 89(4): 218-229; DOI: 10.1002/arch.21238	
	Plutella xylostella larval hemocoel (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	L. Gong et al., Toxins, 2020, 12: 76, doi: 10.3390/toxins12020076	<a href="#">Link</a>
	Plutella xylostella, early third instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		Plasmid	in vivo Application	<a href="#">Metafactene PRO</a>	M. R. Ali et al., J. of Invertebrate Pathology, 2012, 110: 389-397, doi.org/10.1016/j.jip.2012.05.003	
	Spodoptera exigua larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	M. T. H. Hritik et al., Insects, 2021, 12,449, doi.org/10.3390/insects12050449	<a href="#">Link</a>
	Spodoptera exigua larval hemocoel (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	Md. Sadekuzzaman et al., Dev. and Comp. Immunol., 2017, 77: 210-220, DOI: 10.1016/j.dci.2017.08.014	
	Spodoptera exigua (beet armyworm) L5 larvae		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	M.Sadekuzzaman et al., PLOS ONE, 2018; doi.org/10.1371/journal.pone.0193282	<a href="#">Link</a>
	Spodoptera exigua fifth instar larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	S. Ahmed et al., Front. Physiol., 2018, 9: 1231, doi: 10.3389/fphys.2018.01231	<a href="#">Link</a>
	Spodoptera exigua hemocoel first-day larvae L5 (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	Y. Kim et al., Peptides, 2015, 68: 91-98; doi.org/10.1016/j.peptides.2015.02.003	
	Plutella xylostella hemocoel of late second instar larvae		Insect	Unknown	Unknown		Plasmid	in vivo Application	<a href="#">Metafactene PRO</a>	S. Kumar et al., Comp. Biochem. and Physiol., 2014, Part A 177: 27-34, doi.org/10.1016/j.cbpa.2014.07.017	
	Spodoptera exigua larva & pupa (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	S. Ahmed et al., Scientific Reports, 2019, 9: 4988, doi.org/10.1038/s41598-019-41541-2	<a href="#">Link</a>
	Spodoptera exigua larval hemocoel (L4) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	E. M. Sajjadian et al., Insect Mol. Biology, 2019, 28(6): 773-784, doi: 10.1111/imb.12588	<a href="#">Link</a>
	Maruca vitrata late L4 larvae (legume pod borer)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	Al B. Md Abdullaha et al., Dev. and Comp. Immunology, 2020, 103, 103500, doi.org/10.1016/j.dci.2019.103500	<a href="#">Link</a>
	Plutella xylostella hemocoel of early third instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		Plasmid	in vivo Application	<a href="#">Metafactene PRO</a>	Y. Kim et al., Insect Science, 2016, 23: 235-244, DOI 10.1111/1744-7917.12237	
	Spodoptera exigua fourth and fifth instar larvae (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	S. Ahmed et al., J. of Invertebrate Pathology, 2018, doi.org/10.1016/j.jip.2018.05.009	
	Spodoptera exigua larval hemocoel (L4) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	A. Hasan et al., Scientific Reports, 2019, 9: 20358, doi.org/10.1038/s41598-019-56892-z	<a href="#">Link</a>
	Plutella xylostella larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		siRNA	in vivo Application	<a href="#">Metafactene PRO</a>	W. Gad et al., J. Gen. Virol., Apr 2008; 89: 931 - 938	<a href="#">Link</a>
	Spodoptera exigua larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	S. Ahmed et al., Arch. Insect Biochem. Physiol., 2019, 102: e21607, doi.org/10.1002/arch.21607	<a href="#">Link</a>
	Spodoptera exigua larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	S. Ahmed et al., Arch. Insect Biochem. Physiol., 2019, 102: e21607, doi.org/10.1002/arch.21607	<a href="#">Link</a>
	European Corn Borer (ECB) Larvae		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	A. M. W. Cooper, Dissertation, 2020, Mississippi State University	<a href="#">Link</a>
	Plodia interpunctella fifth-instar larva (Indian meal moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	M. Kim et al., Environmental Entomology, 2017, 46 (4): 1005-1011, doi: 10.1093/ee/nvx112	
	Maruca vitrata ( L4 or L5 larval hemocoel, legume pod borer)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	A. Al Baki et al., Pest Manag Sci, 2020; 76: 1020-1030, DOI 10.1002/ps.5612	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
	Plutella xylostella, third instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	B. Park et al., Insect Science, 2012, 19: 47-54, DOI 10.1111/j.1744-7917.2011.01421.x	
	Spodoptera exigua larvae L4D3 (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	J. Kim et al., Insect Biochem. and Physiol., 2012, 81 (4): 214-227, DOI: 10.1002/arch.21051	
	Maruca vitrata female pupae (legume pod borer)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	W. H. Cha et al., Insect Sci., 2022, 0, 1-10, DOI 10.1111/1744-7917.12999	<a href="#">Link</a>
	Plutella xylostella larval hemocoel (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	X. Gu et al., Journal of Insect Physiology, 2015, 80: 81-87; doi.org/10.1016/j.jinsphys.2015.02.001	
	Spodoptera exigua larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	M. Vatanparast et al., Dev. and Comp. Immunology, 2019, 95: 108-117, doi.org/10.1016/j.dci.2019.02.008	<a href="#">Link</a>
	Spodoptera exigua		Insect	Unknown	Unknown		Plasmid	in vivo Application	<a href="#">Metafactene PRO</a>	S. Ahmed et al., J. of Exp. Biology, 2019, 222, doi:10.1242/jeb.207019	<a href="#">Link</a>
	Maruca vitrata hemocoel of L5 larvae (legume pod borer)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	A. A. Baki et al., Arch. Insect Biochem. Physiol., 2019:100:e21524, doi.org/10.1002/arch.21524	
	Plutella xylostella, early third instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	M. R. Ali et al., J. of Invertebrate Pathology, 2012, 110: 389-397, doi.org/10.1016/j.jip.2012.05.003	
	Spodoptera exigua larval hemocoel (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	S. Ahmed et al., J. of Experimental Biology, 2020, doi.org/10.1101/2020.07.13.201608	
	Spodoptera exigua (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	Y. Park et al., Arch. Insect Biochem. Physiol., 2017, 95: e21386, doi.org/10.1002/arch.21386	
	Plutella xylostella early third instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	Z. Guo et al., 2015, PLoS Genet 11(4): e1005124. doi:10.1371/journal.pgen.1005124	<a href="#">Link</a>
	Hyphantria cunea pupae (fall webworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	F. Yang et al., Global J. of Advanced Research, 2016, 3(11): 985-991	<a href="#">Link</a>
	Plutella xylostella (hemocoels of early third-instar DBM1Ac-S larvae, diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	J. Zhou et al., Pest Manag Sci, 2020, 76: 712-720, DOI 10.1002/ps.5569	
	Maruca vitrata late L4 larvae (legume pod borer)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	A. Al Baki et al., Pest Manag. Sci., 2020, 76: 1020-1030, DOI: 10.1002/ps.5612	<a href="#">Link</a>
	Antheraea pernyi pupae in diapause (Chinese Tasar Moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	Q. Wang et al., PLoS ONE, 2013, 8(11): e79381, doi:10.1371/journal.pone.0079381	<a href="#">Link</a>
	Tenebrio molitor larvae (L6)(mealworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	M. I. Mollah et al., Arch. Insect Biochem. Physiol., 2021, 107: e21795, DOI: 10.1002/arch.21795	<a href="#">Link</a>
	Antheraea pernyi pupae in diapause (Chinese Tasar Moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	Q. Wang et al., PLoS ONE, 2013, 8(11): e79381, doi:10.1371/journal.pone.0079381	<a href="#">Link</a>
	Plutella xylostella larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	Y. Park et al., Insect Molecular Biology, 2015, 24(6): 624-633; doi: 10.1111/imb.12188	
	Spodoptera exigua larval haemocoel (3-day-old L4 larvae, beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	S. M. Sajjadian et al., Open Biol., 2020, 10: 200197, doi/10.1098/rsob.200197	<a href="#">Link</a>
	Plutella xylostella, third instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	Z. Guo et al., Nature Communications, 2020, 11: 3003, doi.org/10.1038/s41467-020-16608-8	<a href="#">Link</a>
	Spodoptera exigua larval hemocoel (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	B.-G. Choi et al., Comparative Biochem. and Physiol., 2014, Part A 168: 90-95, doi.org/10.1016/j.cbpa.2013.11.011	
	Plutella xylostella hemocoel of early fourth instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	M. R. Ali et al., Insect Molecular Biology, 2015, 24(1): 13-28; doi: 10.1111/imb.12132	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
	Plutella xylostella hemocoel of NP3 larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		Plasmid	in vivo Application	<a href="#">Metafactene PRO</a>	S. Kumar et al., PLOS ONE, 2017, doi.org/10.1371/journal.pone.0177066	<a href="#">Link</a>
	Spodoptera exigua larval hemocoel (L4) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	A. Hasan et al., bioRxiv, 2019, doi.org/10.1101/556159	<a href="#">Link</a>
	Spodoptera exigua larval hemocoel (L4) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	A. Hasan et al., bioRxiv, 2019, doi.org/10.1101/556159	<a href="#">Link</a>
	Spodoptera exigua (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	Y. Park et al., BMC Biology, 2014, 12: 46, doi:10.1186/1741-7007-12-46	<a href="#">Link</a>
	Spodoptera exigua third instar larvae (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	J.-B. Lee et al., Arch. Insect Biochem. Physiol., 2017, 94: e21371, DOI: 10.1002/arch.21371	<a href="#">Link</a>
	Spodoptera exigua larval hemocoel (beet armyworm)		Insect	Unknown	Unknown		dsRNA	in vivo Application	<a href="#">Metafactene PRO</a>	M. Mahi Imam Mollah et al., PLoS Pathog., 2021, 17(3): e1009467, doi.org/10.1371/journal.ppat.1009467	<a href="#">Link</a>
	BALB/c mice bearing CT26 murine colorectal cancer cells		Mouse				Plasmid	in vivo Application	<a href="#">Metafactene PRO</a>	V. Sankov et al., Prog. on Chem. and App. of Chitin and its Derivatives, 2017, 22: 190-200, DOI: 10.15259/PCAD.22.19	<a href="#">Link</a>
	C57BL/6 mice bearing LLC Lewis lung carcinoma cells		Mouse				Plasmid	in vivo Application	<a href="#">Metafactene PRO</a>	V. Sankov et al., Prog. on Chem. and App. of Chitin and its Derivatives, 2017, 22: 190-200, DOI: 10.15259/PCAD.22.19	<a href="#">Link</a>
	C57BL/6 mice bearing LLC Lewis lung carcinoma cells		Mouse				Plasmid	in vivo Application	<a href="#">Metafactene PRO</a>	V. Sankov et al., Prog. on Chem. and App. of Chitin and its Derivatives, 2017, 22: 190-200, DOI: 10.15259/PCAD.22.19	<a href="#">Link</a>
	Human primary hepatocytes		Human	Digestive Organs	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	J.-S. Park et al., BMC Res. Notes, 2011, 4: 8, doi:10.1186/1756-0500-4-8	<a href="#">Link</a>
	Rat primary hepatocytes (Sprague Dawley rats)		Rat	Digestive Organs	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	R. Jog et al., Physiol. Reports., 2021, 9: e14991, DOI: 10.14814/phy2.14991	<a href="#">Link</a>
	Mouse primary hepatocytes		Mouse	Digestive Organs	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	A. D. Joshi et al., J. Pharmacol. Exp. Ther., Mar 2015; 353: 201 - 212	<a href="#">Link</a>
	Mouse primary hepatocytes		Mouse	Digestive Organs	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	J. S. Park et al., BMC Res Notes, Jan 2011; 4: 8	<a href="#">Link</a>
	Human primary hepatocytes		Human	Digestive Organs	Primary Cell	Adherent	Plasmid	RNA-Interference	<a href="#">Metafactene PRO</a>	J.-S. Park et al., BMC Res. Notes, 2011, 4: 8, doi:10.1186/1756-0500-4-8	<a href="#">Link</a>
	Mouse primary hepatocytes		Mouse	Digestive Organs	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	A. D. Joshi et al., Mol. Pharmacol., Sept 2017, 92:366-374, doi.org/10.1124/mol.117.108878	<a href="#">Link</a>
	Mouse primary hepatocytes		Mouse	Digestive Organs	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. Surendran, PhD Thesis, 2014, Indiana University	<a href="#">Link</a>
	Mouse primary hepatocytes		Mouse	Digestive Organs	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	C. Castano et al., PNAS, 2020, 117, 48: 30335-30343, doi:10.1073/pnas.2016112117/-/DCSupplemental	<a href="#">Link</a>
	Mouse fetal ovaries		Mouse	Genital Tract	Primary Cell		siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	R. Rosario et al., FASEB J., 2019, 33(12): 14221-14233, doi: 10.1096/fj.201901247R.	<a href="#">Link</a>
	Human immortalized lymphocyte cell line (immortalized by EBV)		Human	Immune System	Cell Line	suspension	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M. Pradas-Juni et al., Mol. Endocrinol., 2014, 28(9): 1558-1570, doi: 10.1210/me.2014-1065	<a href="#">Link</a>
	Human primary pterygium fibroblasts		Human	Sensory Organs	Primary Cell	Adherent	Plasmid	RNA-Interference	<a href="#">Metafactene PRO</a>	Y. Su et al., Mol. Vis., 2011, 17: 247-256	<a href="#">Link</a>
	Human primary fibroblasts		Human	Unknown	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	T. Stiff et al., PLoS Genet., 2013, 9(3): e1003360, doi.org/10.1371/journal.pgen.1003360	<a href="#">Link</a>
	Plutella xylostella hemocoel of late second instar larvae		Insect	Unknown	Unknown		Plasmid	RNA-Interference	<a href="#">Metafactene PRO</a>	S. Kumar et al., Comp. Biochem. and Physiol., 2014, Part A 177: 27-34, doi.org/10.1016/j.cbpa.2014.07.017	<a href="#">Link</a>
	Spodoptera exigua hemocoel first-day larvae L5 (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	Y. Kim et al., Peptides, 2015, 68: 91-98; doi.org/10.1016/j.peptides.2015.02.003	<a href="#">Link</a>
	Maruca vitrata (L4 or L5 larval hemocoel, legume pod borer)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	A. Al Baki et al., Pest Manag Sci, 2020; 76: 1020-1030, DOI 10.1002/ps.5612	<a href="#">Link</a>
	Plutella xylostella, third instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	B. Park et al., Insect Science, 2012, 19: 47-54, DOI 10.1111/j.1744-7917.2011.01421.x	<a href="#">Link</a>

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
	Plutella xylostella hemocoel of early third instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	J. Zhou et al., Pest Manag. Sci., 2020, 76: 712–720, DOI: 10.1002/ps.5569	<a href="#">Link</a>
	Maruca vitrata late L4 larvae (legume pod borer)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	Al B. Md Abdullaha et al., Dev. and Comp. Immunology, 2020, 103, 103500, doi.org/10.1016/j.dci.2019.103500	<a href="#">Link</a>
	Spodoptera exigua forth and fifth instar larvae (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. Ahmed et al., J. of Invertebrate Pathology, 2018, doi.org/10.1016/j.jip.2018.05.009	
	Maruca vitrata late L4 larvae (legume pod borer)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	Al B. Md Abdullaha et al., Dev. and Comp. Immunology, 2020, 103, 103500, doi.org/10.1016/j.dci.2019.103500	<a href="#">Link</a>
	Spodoptera exigua larva & pupa (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. Ahmed et al., Scientific Reports, 2019, 9: 4988, doi.org/10.1038/s41598-019-41541-2	<a href="#">Link</a>
	Maruca vitrata hemocoel of L5 larvae (legume pod borer)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	A. A. Baki et al., Arch. Insect Biochem. Physiol., 2019:100:e21524, doi.org/10.1002/arch.21524	
	Spodoptera exigua larval hemocoel (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	Md. Sadekuzzaman et al., Dev. and Comp. Immunol., 2017, 77: 210-220, DOI: 10.1016/j.dci.2017.08.014	
	Plutella xylostella, early third instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M. R. Ali et al., J. of Invertebrate Pathology, 2012, 110: 389–397, doi.org/10.1016/j.jip.2012.05.003	
	Spodoptera exigua larval hemocoel (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. Ahmed et al., J. of Experimental Biology, 2020, doi.org/10.1101/2020.07.13.201608	
	Xenopus laevis XCT cells		Frog	Unknown	Unknown		Plasmid	RNA-Interference	<a href="#">Metafactene PRO</a>	M. Dubinska-Magiera et al., Protoplasma, 2016, 253:943-956; DOI 10.1007/s00709-015-0861-y	<a href="#">Link</a>
	Plutella xylostella, early third instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M. R. Ali et al., J. of Invertebrate Pathology, 2012, 110: 389–397, doi.org/10.1016/j.jip.2012.05.003	
	Spodoptera exigua larval hemocoel (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. Ahmed et al., J. of Experimental Biology, 2020, doi.org/10.1101/2020.07.13.201608	
	Antheraea pernyi pupae in diapause (Chinese Tasar Moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	Q. Wang et al., PLoS ONE, 2013, 8(11): e79381, doi:10.1371/journal.pone.0079381	<a href="#">Link</a>
	European Corn Borer (ECB) Larvae		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	A. M. W. Cooper, Dissertation, 2020, Mississippi State University	<a href="#">Link</a>
	Plutella xylostella early third instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	Z. Guo et al., 2015, PLoS Genet 11(4): e1005124. doi:10.1371/journal.pgen.1005124	<a href="#">Link</a>
	Plutella xylostella (hemocoels of early third-instar DBM1Ac-S larvae, diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	J. Zhou et al., Pest Manag Sci, 2020, 76: 712–720, DOI 10.1002/ps.5569	
	Maruca vitrata late L4 larvae (legume pod borer)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	A. Al Baki et al., Pest Manag. Sci., 2020, 76: 1020–1030, DOI: 10.1002/ps.5612	<a href="#">Link</a>
	Spodoptera exigua larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M. C. Roy et al., Front. Immunol., 2021, 2: 791319, doi: 10.3389/fimmu.2021.791319	<a href="#">Link</a>
	Plutella xylostella, third instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	Z. Guo et al., Nature Communications, 2020, 11: 3003, doi.org/10.1038/s41467-020-16608-8	<a href="#">Link</a>
	Spodoptera exigua larvae L4D3 (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	J. Kim et al., Insect Biochem. and Physiol., 2012, 81 (4): 214–227, DOI: 10.1002/arch.21051	
	Maruca vitrata female pupae (legume pod borer)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	W. H. Cha et al., Insect Sci., 2022, 0, 1–10, DOI 10.1111/1744-7917.12999	<a href="#">Link</a>
	Plutella xylostella larval hemocoel (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	X. Gu et al., Journal of Insect Physiology, 2015, 80: 81–87; doi.org/10.1016/j.jinsphys.2015.02.001	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
	Spodoptera exigua larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M. Vatanparast et al., Dev. and Comp. Immunology, 2019, 95: 108-117, doi.org/10.1016/j.dci.2019.02.008	<a href="#">Link</a>
	Spodoptera exigua fourth instar larvae (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	J. Hwang et al., Archives of Insect Biochemistry and Physiology, 2013, 82 (3): 151-169, DOI: 10.1002/arch.21103	
	Spodoptera exigua larval hemocoel (L4) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	A. Hasan et al., bioRxiv, 2019, doi.org/10.1101/556159	<a href="#">Link</a>
	Plutella xylostella larvae (larval hemocoel)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	H. Antelmann et al., Original Res., 2020, doi: 10.3389/fmicb.2020.00528	<a href="#">Link</a>
	Hyphantria cunea pupae (fall webworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	F. Yang et al., Global J. of Advanced Research, 2016, 3(11): 985-991	<a href="#">Link</a>
	Plutella xylostella hemocoel of early third instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. Kumar et al., Scientific Reports, 7: 43287, DOI: 10.1038/srep43287	<a href="#">Link</a>
	Plutella xylostella larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	W. Gad et al., J. Gen. Virol., Apr 2008; 89: 931 - 938	<a href="#">Link</a>
	Plutella xylostella early third instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	Z. Guo et al., Scientific Reports, 2015, 5: 13728; DOI: 10.1038/srep13728	<a href="#">Link</a>
	Tenebrio molitor larvae (L6)(mealworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M. I. Mollah et al., Arch. Insect Biochem. Physiol., 2021, 107: e21795, DOI: 10.1002/arch.21795	<a href="#">Link</a>
	Spodoptera exigua larval haemocoel (3-day-old L4 larvae, beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. M. Sajjadian et al., Open Biol., 2020, 10: 200197, doi/10.1098/rsob.200197	<a href="#">Link</a>
	Spodoptera exigua larval hemocoel (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	B.-G. Choi et al., Comparative Biochem. and Physiol., 2014, Part A 168: 90-95, doi.org/10.1016/j.cbpa.2013.11.011	
	Plutella xylostella hemocoel of early fourth instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M. R. Ali et al., Insect Molecular Biology, 2015, 24(1): 13-28; doi: 10.1111/imb.12132	
	Plutella xylostella hemocoel of L3D1 NP larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. Kumar et al., J. of General Virology, 2016, 97: 2780-2796; DOI 10.1099/jgv.0.000560	<a href="#">Link</a>
	Plutella xylostella larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	Y. Park et al., Insect Molecular Biology, 2015, 24(6): 624-633; doi: 10.1111/imb.12188	
	Plodia interpunctella larvae (Indian meal moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	G. Deok Han et al., Pesticide Biochem. and Physiol., Nov. 2017, 143: 48-56, doi.org/10.1016/j.pestbp.2017.09.010	
	Spodoptera exigua larval hemocoel (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M. Mahi Imam Mollah et al., PLoS Pathog., 2021, 17(3): e1009467, doi.org/10.1371/journal.ppat.1009467	<a href="#">Link</a>
	Plutella xylostella hemocoel of L3D1 NP larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. Kumar et al., J. of General Virology, 2016, 97: 2780-2796; DOI 10.1099/jgv.0.000560	
	Spodoptera exigua (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	Y. Park et al., BMC Biology, 2014, 12: 46, doi:10.1186/1741-7007-12-46	<a href="#">Link</a>
	Spodoptera exigua third and fifth instar larvae (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	H. S. Kim et al., Journal of Asia-Pacific Entomology, March 2017, 20 (1): 199-205	
	Plutella xylostella, third instar larvae (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	Z. Wang et al., PLoS Genet., 2021, 17(9): e1009751. https://doi.org/10.1371/journal.pgen.1009751	<a href="#">Link</a>
	Plutella xylostella (1 day old L4 larvae, diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M.C. Roy et al., Arch. Insect Biochem. Physiol., 2020, 104: e21670, DOI: 10.1002/arch.21670	



CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
	Maruca vitrata hemocoel of L5D1 larvae (legume pod borer)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M. A. Al Baki et al., PLoS ONE, 2018, 13 (10): e0204935, doi.org/10.1371/journal.pone.0204935	<a href="#">Link</a>
	Spodoptera exigua (larval hemocoel)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	Y. Park et al., J. Exp. Biol., Nov 2013; 216: 4196 - 4203	<a href="#">Link</a>
	Spodoptera exigua adult larvae (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. Ahmed et al., Arch. Insect Biochem. Physiol., 2021, 106: e21748, doi.org/10.1002/arch.21748	<a href="#">Link</a>
	Spodoptera exigua fifth instar larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	J. Park et al., PLoS ONE, 2014, 9(9): e105717, doi:10.1371/journal.pone.0105717	<a href="#">Link</a>
	Spodoptera exigua fifth instar larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	J. Park et al., Archives of Insect Biochem. and Physiol., 2014, 85(4) :234-247, DOI: 10.1002/arch.21156	
	Spodoptera exigua adult larvae (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. Ahmed et al., Arch. Insect Biochem. Physiol., 2021, 106: e21748, doi.org/10.1002/arch.21748	<a href="#">Link</a>
	Spodoptera exigua fifth instar larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	J. Park et al., PLoS ONE, 2014, 9(9): e105717, doi:10.1371/journal.pone.0105717	<a href="#">Link</a>
	Plutella xylostella (hemocoel of DBM1Ac-S larvae, diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	L. Gong et al., Toxins, 2020, 12, 7, doi: 10.3390/toxins12020076	<a href="#">Link</a>
	Antheraea pernyi pupae in diapause (Chinese Tasar Moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	A. A. M. Mohamed et al., PLoS ONE, 2014, 9(3): e92680, doi:10.1371/journal.pone.0092680	<a href="#">Link</a>
	Spodoptera exigua third instar larvae (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	J.-B. Lee et al., Arch. Insect Biochem. Physiol., 2017, 94: e21371, DOI: 10.1002/arch.21371	
	Plutella xylostella larval hemocoel (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	L. Gong et al., Toxins, 2020, 12: 76, doi: 10.3390/toxins12020076	<a href="#">Link</a>
	Spodoptera exigua (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	Y. Park et al., Arch. Insect Biochem. Physiol., 2017, 95: e21386, oi.org/10.1002/arch.21386	
	Mouse articular chondrocytes		Mouse	Unknown	Primary Cell	Adherent	siRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. Kim et al., Nature Communications, 2019, 10:4898, doi.org/10.1038/s41467-019-12910-2	<a href="#">Link</a>
	Spodoptera exigua larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M. M. I. Mollah et al., Front. Physiol., 2021, doi.org/10.3389/fphys.2021.744272	<a href="#">Link</a>
	Spodoptera exigua (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	Y. Park et al., Arch. Insect Biochem. Physiol., 2017, 95: e21386, oi.org/10.1002/arch.21386	
	Plutella xylostella (hemocoels of third-instar NIL-R larvae, diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	Z. Guo et al., PLoS Pathog., 2021, 17(9): e1009917, doi.org/10.1371/journal.ppat.1009917	<a href="#">Link</a>
	Plutella xylostella hemocoel of late second instar larvae		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. Kumar et al., Comp. Biochem. and Physiol., 2014, Part A 177: 27-34, doi.org/10.1016/j.cbpa.2014.07.017	
	Spodoptera exigua (beet armyworm) L5 larvae		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M.Sadekuzzaman et al., PLOS ONE, 2018; doi.org/10.1371/journal.pone.0193282	<a href="#">Link</a>
	Spodoptera exigua fifth instar larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. Ahmed et al., Front. Physiol., 2018, 9: 1231, doi: 10.3389/fphys.2018.01231	<a href="#">Link</a>
	Aedes albopictus (mosquito, 5 days old females)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	Md. A. Al Baki et al., bioRxiv, 2020, doi.org/10.1101/2020.07.17.208389	<a href="#">Link</a>
	Spodoptera exigua larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M. C. Roy et al., J. Microbiol. Biotechnol., 2021, 31(4): 529-539, doi.org/10.4014/jmb.2012.12045	<a href="#">Link</a>
	Spodoptera exigua larval hemocoel (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. M. Sajjadian et al., Arch. Insect Biochem. Physiol., 2019, 101: e21559, DOI: 10.1002/arch.21559	<a href="#">Link</a>
	Plutella xylostella larval hemocoel (diamondback or cabbage moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	R. Ali et al., Comparative Biochem. and Physiol., 2015, Part A 179: 44-53; doi.org/10.1016/j.cbpa.2014.09.004	

CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
	Spodoptera exigua larval hemocoel (L4) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	E. M. Sajjadian et al., Insect Mol. Biology, 2019, 28(6): 773–784, doi: 10.1111/imb.12588	<a href="#">Link</a>
	Spodoptera exigua larval hemocoel (L4) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	E. M. Sajjadian et al., Insect Mol. Biology, 2019, 28(6): 773–784, doi: 10.1111/imb.12588	<a href="#">Link</a>
	Spodoptera exigua larval hemocoel (L4) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	A. Hasan et al., Scientific Reports, 2019, 9: 20358, doi.org/10.1038/s41598-019-56892-z	<a href="#">Link</a>
	Spodoptera exigua larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M. T. H. Hritik et al., Insects, 2021, 12,449, doi.org/10.3390/insects12050449	<a href="#">Link</a>
	Spodoptera exigua larvae (L5) (beet armyworm)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	S. Ahmed et al., Arch. Insect Biochem. Physiol., 2019, 102: e21607, doi.org/10.1002/arch.21607	<a href="#">Link</a>
	Plodia interpunctella fifth-instar larva (Indian meal moth)		Insect	Unknown	Unknown		dsRNA	RNA-Interference	<a href="#">Metafactene PRO</a>	M. Kim et al., Environmental Entomology, 2017, 46 (4): 1005-1011, doi: 10.1093/ee/nvx112	
	Mouse hippocampal neurons		Mouse	Brain	Primary Cell	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	R.C. Weethmann et al., Neuropharmacology, 2020, doi.org/10.1016/j.neuropharm.2020.108426	<a href="#">Link</a>
	Mouse cultured hippocampal neurons		Mouse	Brain	Primary Cell	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	A. Schneider, Dissertation, 2018, Albert-Ludwigs-Universität Freiburg	
	Chicken cerebellar granule neurons		Chicken	Brain	Primary Cell	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	L. P. E. Austdal et al., Journal of Neuroendocrinology, 2016, 28, doi: 10.1111/jne.1243	
	Rat (Wistar embryonic) primary hippocampal neurons		Rat	Brain	Primary Cell	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	K. Kankowski, Dissertation, 2015, Universitätsklinikum Hamburg-Eppendorf	<a href="#">Link</a>
	Mouse cultured cortical neurons		Mouse	Brain	Primary Cell	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	A. Schneider, Dissertation, 2018, Albert-Ludwigs-Universität Freiburg	
	Mouse primary hippocampal neurons		Mouse	Brain	Primary Cell	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	R. C. Werthmann et al., Neuropharmacology, 2021, 190: 108426, doi.org/10.1016/j.neuropharm.2020.108426	<a href="#">Link</a>
	Mouse cerebral cortical tissue (astrocytes) of 2-day-old SAMR1 and SAMP8 mice		Mouse	Brain	Primary Cell	Adherent	siRNA		<a href="#">Metafactene PRO</a>	M. J. Alvarez-López et al., J. of Neuroinflammation, 2014, 11:126, doi: 10.1186/1742-2094-11-126	<a href="#">Link</a>
	Mouse primary hepatocytes		Mouse	Digestive Organs	Primary Cell	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	J. S. Park et al., BMC Res Notes, Jan 2011; 4: 8	
	Mouse primary hepatocytes		Mouse	Digestive Organs	Primary Cell	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	A. D. Joshi et al., J. Pharmacol. Exp. Ther., Mar 2015; 353: 201 - 212	
	Mouse primary hepatocytes		Mouse	Digestive Organs	Primary Cell	Adherent	miRNA		<a href="#">Metafactene PRO</a>	S. Surendran, PhD Thesis, 2014, Indiana University	
	Mouse primary hepatocytes		Mouse	Digestive Organs	Primary Cell	Adherent	miRNA		<a href="#">Metafactene PRO</a>	J. S. Park et al., BMC Res Notes, Jan 2011; 4: 8	
	Human primary hepatocytes		Human	Digestive Organs	Primary Cell	Adherent	miRNA		<a href="#">Metafactene PRO</a>	J.-S. Park et al., BMC Res. Notes, 2011, 4: 8, doi:10.1186/1756-0500-4-8	<a href="#">Link</a>
	Mouse primary hepatocytes		Mouse	Digestive Organs	Primary Cell	Adherent	miRNA		<a href="#">Metafactene PRO</a>	C. Castano et al., PNAS, 2020, 117, 48: 30335–30343, doi:10.1073/pnas.2016112117/-/DCSupplemental	
	Mouse primary hepatocytes		Mouse	Digestive Organs	Primary Cell	Adherent	miRNA		<a href="#">Metafactene PRO</a>	C. Castano et al., PNAS, 2020, 117, 48: 30335–30343, doi:10.1073/pnas.2016112117/-/DCSupplemental	
	Human primary hepatocytes		Human	Digestive Organs	Primary Cell	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	J.-S. Park et al., BMC Res. Notes, 2011, 4: 8, doi:10.1186/1756-0500-4-8	<a href="#">Link</a>
	Rat primary skeletal myoblast cells (from male newborn Lewis rats)		Rat	Muscle	Primary Cell	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	B. Blumenthal et al., Eur. J. Cardio-thoracic Surg., 2011, 40: e135–e141, doi:10.1016/j.ejcts.2011.05.026	<a href="#">Link</a>
	Human uveal melanoma (FFPE tissue sections)		Human	Skin	Primary Cell	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	M. Venzta et al., Biochim. et Biophys. Acta, 2015, 1849: 247-256; doi.org/10.1016/j.bbagr.2014.12.004	
	Mouse primary myoblasts		Mouse	Unknown	Primary Cell	Adherent	miRNA		<a href="#">Metafactene PRO</a>	C. E. Winbanks et al., J. Biol. Chem., Apr 2011; 286: 13805 - 13814	<a href="#">Link</a>
	Mouse immortalized skin fibroblasts (deficient of Lap2-alpha)		Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafactene PRO</a>	E. Bartova et al., Protoplasma, 2017, 254: 2035-2043, DOI 10.1007/s00709-017-1076-1	



CELL TYPE	DESCRIPTION OF CELL TYPE	CAT. NO.	SPECIES	ORIGIN OF CELLS	COMMON CELL TYPE	GROWTH PROPERTIES	NUCLEIC ACID / DELIVERED MOLECULE	APPLICATION	PRODUCT	BIBLIOGRAPHIC DATA	LINK
	Tribolium castaneum (Hemocoel of late-instar larvae)		Insect	Unknown	Unknown		Plasmid		<a href="#">Metafectene PRO</a>	R. Hepat et al., J. Virol., October 2013, Volume 87, Number 20, 11223-11230	<a href="#">Link</a>
	Plutella xylostella larval hemocoel (diamondback or cabbage moth)		Insect	Unknown	Unknown		Plasmid		<a href="#">Metafectene PRO</a>	R. Ali et al., Comparative Biochem. and Physiol., 2015, Part A 179: 44-53; doi.org/10.1016/j.cbpa.2014.09.004	
	Mouse primary myoblasts		Mouse	Unknown	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	C. E. Winbanks et al., J. Biol. Chem., Apr 2011; 286: 13805 - 13814	<a href="#">Link</a>
	Human fibroblasts from CMT2B patients		Human	Unknown	Primary Cell	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	P. Saveri et al., Cells, 2020, 9, 1028, doi: 10.3390/cells9041028	<a href="#">Link</a>
	Mouse immortalized skin fibroblasts		Mouse	Unknown	Unknown	Adherent	Plasmid		<a href="#">Metafectene PRO</a>	E. Bartova et al., Protoplasma, 2017, 254: 2035-2043, DOI 10.1007/s00709-017-1076-1	
	Plutella xylostella hemocoel of late second instar larvae		Insect	Unknown	Unknown		Plasmid		<a href="#">Metafectene PRO</a>	S. Kumar et al., Comp. Biochem. and Physiol., 2014, Part A 177: 27-34, doi.org/10.1016/j.cbpa.2014.07.017	
	Human primary CD14+ monocytes		Human	Other	Primary Cell	suspension	miRNA		<a href="#">Metafectene SI</a>	S. Smith, JCI Insight, 2018, 3(15): e120798, doi.org/10.1172/jci.insight.120798	<a href="#">Link</a>
	Human Primary Peripheral Blood CD14+ Monocytes	ATCC PCS-800-010	Human	Other	Primary Cell	suspension	miRNA		<a href="#">Metafectene SI</a>	S. Smith et al., Journal of Autoimmunity, 2017, 79, 105e111	<a href="#">Link</a>