

Product Information

pVQAd Ascl-NpA Shuttle Plasmid

Overview

This shuttle plasmid is primarily for constructing adenoviruses with tissue specific promoters or subcloning an already tested expression cassette, as is the case with shRNAs. The multiple cloning site contains 12 unique restriction sites to facilitate subcloning your expression cassette.

MCS

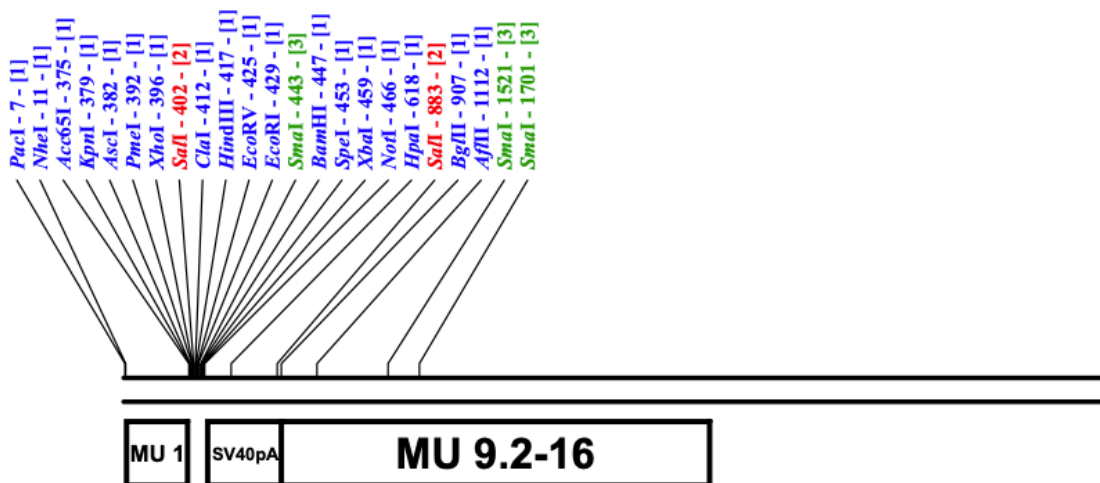
KpnI Ascl PmeI XhoI Sall* ClaI HindIII

CAATATTTGTCTAGGGAGATCCGGTACCGGCGGCCGTTTAAACTCGAGGTCGACGGTATCGATAAGCTT

EcoRV EcoRI PstI* SmaI* BamHI SpeI XbaI NotI SacI*

GATATCGAATTCCTGCAGCCCGGGGGATCCACTAGTTCTAGAGCGGCCCGCCACCGCGG

Map



pVQAd Ascl-NpA
5687 bp

Sequence

1 AATTAATTAA GCTAGCATCA TCAATAATAT ACCTTATTTT GGATTGAAGC
 51 CAATATGATA ATGAGGGGGT GGAGTTTGTG ACGTGGCGCG GGGCGTGGGA
 101 ACGGGGCGGG TGACGTAGTA GTGTGGCGGA AGTGTGATGT TGCAAGTGTG

151 GCGGAACACA TGTAAGCGAC GGATGTGGCA AAAGTGACGT TTTTGGTGTG
201 CGCCGGTGTA CACAGGAAGT GACAATTTTC GCGCGGTTTT AGGCGGATGT
251 TGTAAGTAAAT TTGGGCGTAA CCGAGTAAGA TTTGGCCATT TTCGCGGGAA
301 AACTGAATAA GAGGAAGTGA AATCTGAATA ATTTTGTGTT ACTCATAGCG
351 CGTAATATTT GTCTAGGGAG ATCCGGTACC GGCGCGCCGT TAAACTCGA
401 GGTGACGGT ATCGATAAGC TTGATATCGA ATTCCTGCAG CCCGGGGGAT
451 CCACTAGTTC TAGAGCGGCC GCCACCGCGG GGAGATCCAG ACATGATAAG
501 ATACATTGAT GAGTTTGGAC AAACCACAAC TAGAATGCAG TGAAAAAAT
551 GCTTTATTTG TGAAATTTGT GATGCTATTG CTTTATTTGT AACATTATA
601 AGCTGCAATA AACAAGTTAA CAACAACAAT TGCATTCAAT TTATGTTTCA
651 GGTTCASGGG GAGGTGTGGG AGGTTTTTTA AAGCAAGTAA AACCTCTACA
701 AATGTGGTAT GGCTGATTAT GATCCCGGCT GCCTCGCGCG TTTGCGTAT
751 GACGGTGAAA ACCTCTGAC ACATGCAGCT CCCGGAGACG GTCACAGCTT
801 GTCTGTAAGC GGATGCCGGG AGCAGACAAG CCCGTCAGGG CGCGTCAGCG
851 GGTGTTGGCG GGTGTGGGG CGCAGCCATG AGGTCGACTC TAGTCCCCGC
901 GGTGGCAGAT CTGGAAGGTG CTGAGGTACG ATGAGACCCG CACCAGGTGC
951 AGACCCTGCG AGTGTGGCGG TAAACATATT AGGAACCAGC CTGTGATGCT
1001 GGATGTGACC GAGGAGCTGA GGCCCGATCA CTTGGTGCTG GCCTGCACCC
1051 GCGCTGAGTT TGGCTCTAGC GATGAAGATA CAGATTGAGG TACTGAAATG
1101 TGTGGGCGTG GCTTAAGGGT GGGAAAGAAT ATATAAGGTG GGGGTCTTAT
1151 GTAGTTTTGT ATCTGTTTTG CAGCAGCCGC CGCCGCCATG AGCACCACT
1201 CGTTTGATGG AAGCATTGTG AGCTCATATT TGACAACGCG CATGCCCCCA
1251 TGGGCCGGGG TGCCTCAGAA TGTGATGGC TCCAGCATTG ATGGTCGCCC
1301 CGTCTGCCG GCAAACCTA CTACCTGAC CTACGAGACC GTGTCTGGAA
1351 CGCCGTTGGA GACTGCAGC TCCGCCCGC CTTAGCCGC TGCAGCCACC
1401 GCCCGCGGGA TTGTGACTGA CTTTGCTTTC CTGAGCCCGC TTGCAAGCAG
1451 TGCAGCTCC CGTTCATCCG CCCGCGATGA CAAGTTGACG GCTCTTTGG
1501 CACAATTGGA TTCTTTGACC CGGGAACCTA ATGTCGTTTC TCAGCAGCTG
1551 TTGGATCTGC GCCAGCAGGT TTCTGCCCTG AAGGCTTCT CCCCTCCAA
1601 TGCGGTTTAA AACATAAATA AAAAACCCAGA CTCTGTTTGG ATTTGGATCA
1651 AGCAAGTGC TTGCTGTCTT TATTTAGGGG TTTTGCAGCG GCGGTAGGCC
1701 CGGGACCAGC GGTCTCGGTC GTTGAGGGTC CTGTGATTT TTTCCAGGAC
1751 GTGGTAAAGG TGAATCTGGA TGTTAGATA CATGGGCATA AGCCCGTCTC
1801 TGGGGTGGAG GTAGCACCAC TGACAGGCTT CATGCTGCGG GGTGGTGTG
1851 TAGATGATCC AGTCGTAGCA GGAGCGCTGG GCGTGGTGCC TAAAAATGC
1901 TTTAGTAGC AAGCTGATTG CCAGGGGCGG GCCCTTGGTG TAAGTGTTA
1951 CAAAGCGGTT AAGCTGGGAT GGGTGCATAC GTGGGGATAT GAGATGCATC
2001 TTGGACTGTA TTTTAGGTT GGCTATGTTT CCAGCCATAT CCCTCCGGGG
2051 ATTCATGTTG TGCAGAACCA CCAGCACAGT GTATCCGGTG CACTTGGGAA
2101 ATTTGTCATG TAGCTTAGAA GGAAATGCGT GGAAGAAGTT GGAGACGCCC
2151 TTGTGACCTC CAAGATTTTC CATGCATTCG TCCATAATGA TGGCAATGGG
2201 CCCACGGGCG GCGGCCTGGG CGAAGATATT TCTGGGATCA CTAACGTCAT
2251 AGTTGTGTTT CAGGATGAGA TCGTCATAGG CCATTTTAC AAAGCGCGGG
2301 CGGAGGGTGC CAGACTGCGG TATAATGGTT CCATCCGGCC CAGGGGCGTA
2351 GTTACCCTCA CAGATTTGCA TTTCCACGC TTTGAGTTCA GATGGGGGGA
2401 TCATGTCTAC CTGCGGGGCG ATGAAGAAAA CGGTTTCCGG GGTAGGGGAG
2451 ATCAGCTGGG AAGAAAGCAG GTTCTGAGC AGCTGCGACT TACCGCAGCC
2501 GGTGGGCCCC TAAATCACAC CTATTACCGG GTGCAACTGG TAGTTAAGAG
2551 AGCTGCAGCT GCCGTCATCC CTGAGCAGGG GGGCCACTTC GTTAAGCATG
2601 TCCCTGACTC GCATGTTTTT CCTGACCAAA TCCGCCAGAA GCGCTCGCC
2651 GCCAGCGAT AGCAGTTCTT GCAAGGAAGC AAAGTTTTTC AACGGTTTGA
2701 GACCGTCCGC CGTAGGCATG CTTTTGAGCG TTTGACCAAG CAGTTCCAGG
2751 CGGTCCACA GCTCGGTAC CTGCTCTACG GCATCTCGAT CCAGCATATC
2801 TCCTCGTTTC GCGGGTTGGG GCGGCTTTCG CTGTACGGCA GTAGTCGGTG
2851 CTCGTCCAGA CGGGCCAGGG TCATGTCTTT CCACGGGCGC AGGGTCTCG
2901 TCAGCGTAGT CTGGTACAG GTGAAGGGGT GCGCTCCGGG CTGCGCGCTG
2951 GCCAGGGTGC GCTTGGGCT GGTCTGCTG GTGCTGAAGC GCTCCGGTC
3001 TTCGCCCTGC GCGTCGGCCA GGTAGCATTG GACCATGGTG TCATAGTCCA

3051 GCCCTCCGC GCGTGGCCC TTGGCGCGCA GCTTGCCCTT GGAGGAGGCG
3101 CCGCACGAGG GGCAGTGCAG ACTTTTGAGG GCGTAGAGCT TGGGCGCGAG
3151 AAATACCGAT TCCGGGGAGT AGGCATCCGC GCCGCAGGCC CCGCAGACGG
3201 TCTCGCATT CACGAGCCAG GTGAGCTCTG GCCGTTCCGG GTCAAAAACC
3251 AGGTTTCCC CATGCTTTTT GATGCGTTTC TTACCTCTGG TTTCCATGAG
3301 CCGGTGTCCA CGCTCGGTGA CGAAAAGGCT GTCCGTGTCC CCGTATACAG
3351 ACTTGAGAGG CCTGTCTCG ACCGATGCC TTGAGAGCCT TCAACCCAGT
3401 CAGCTCCTC CGTGGGGCG GGGGCATGAC TATCGTCGCC GCACTTATGA
3451 CTGTCTTCT TATCATGCAA CTCGTAGGAC AGGTGCCGGC AGCGCTCTGG
3501 GTCATTTTCG GCGAGGACCG CTTTCGCTGG AGCGCGACGA TGATCGGCCT
3551 GTCGCTTGG GTATTCGGAA TCTTGACGC CCTCGCTCAA GCCTTCGTCA
3601 CTGGTCCCG CACCAAACGT TTCGGCGAGA AGCAGGCCAT TATCGCCGGC
3651 ATGGCGGCC ACGCGCTGG CTACGTCTG CTGGCGTTCG CGACGCGAGG
3701 CTGGATGGC TTCCCATA TGATTCTTCT CGTTCCGGC GGCATCGGGA
3751 TGCCCGGTT GCAGGCCATG CTGTCCAGGC AGGTAGATGA CGACCATCAG
3801 GGACAGCTC AAGGCCAGCA AAAGGCCAGG AACCGTAAAA AGGCCGCGTT
3851 GCTGGCGTTT TCCATAGGC TCCGCCCC TGACGAGCAT CAAAAAATC
3901 GACGCTCAAG TCAGAGGTGG CGAAACCCGA CAGGACTATA AAGATACCAG
3951 GCGTTTCCC CTGGAAGCTC CCTCGTGC GC TCTCTGTT CGACCCTGCC
4001 GCTTACCGA TACCTGTCC CTTTTCTCC TTCGGGAAGC GTGGCGCTT
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4101 AAGCTGGGCT GTGTGCACGA ACCCCCGTT CAGCCCGACC GCTGCGCCT
4151 ATCCGGTAA TATCGTCTG AGTCCAACCC GGTAAGACAC GACTTATCGC
4201 CACTGGCAGC AGCCACTGG AACAGGATTA GCAGAGCGAG GTATGTAGGC
4251 GGTGCTACAG AGTTCTTGA GTGGTGGCT AACTACGGCT AACTAGAAG
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