

# Synbiotic Health is Developing Superior Probiotic Strains for Better Health.

## iVS-1® & Folate Production:

Folate is a B vitamin that is critical for our health, but our bodies can't make folate for themselves! Instead, we rely on our diets and our microbiomes to supply us with this critical nutrient at a recommended daily dose of 400 micrograms a day. Folate deficiencies may contribute to a variety of conditions, including osteoporosis, birth defects, poor cognitive function, and IBD.

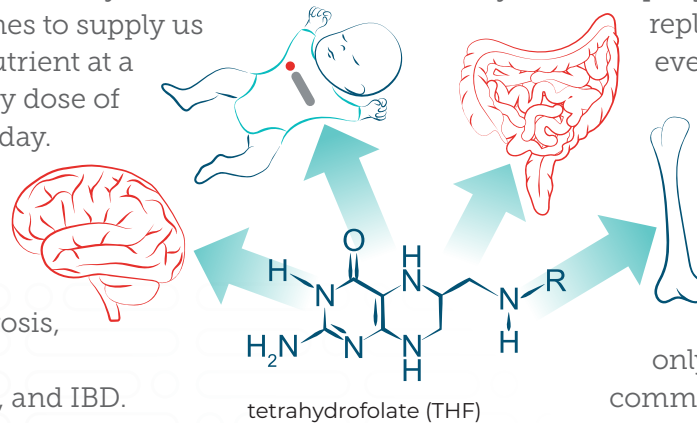
Folate helps support healthy DNA synthesis and maintenance, and is

an important resource for fast-growing cells like those that line our gut. These "enterocytes" are rapidly growing, fully

replacing themselves every 3-4 days. While

the microbial communities in our gut play a key role in providing this important nutrient to hungry enterocytes,

only about 13% of the common species in our guts have the genetic machinery to make folate from scratch, and they vary in how much they make.

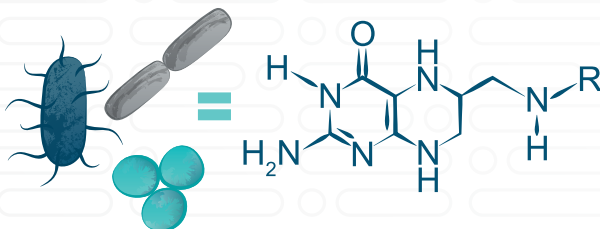


tetrahydrofolate (THF)

## iVS-1

### *Bifidobacterium adolescentis* iVS-1®, a Superior Folate-Producing Strain.

iVS-1® is a human-derived folate producing probiotic strain with a proven Ecological Advantage® in establishing a significant presence in the human gut, unlike the non-native strains offered by most competitors.



Using our novel iVS® discovery platform, Synbiotic Health identified a strain perfectly at home in the human gut and paired it with a prebiotic that's proven to give it a

competitive edge in a mixed community. In laboratory tests, **iVS-1® made 3 times more folate than other similar strains.** In addition, iVS-1® is clinically proven to:

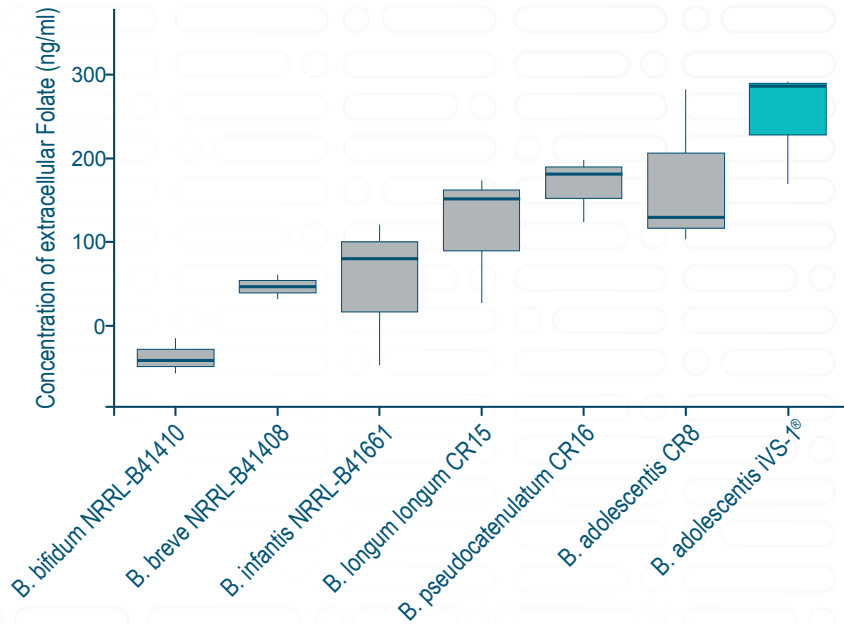
- Increase total levels of bifidobacteria
- Support gut barrier integrity
- Establish at levels 10X better than the leading *Bifidobacterium* probiotic strain

All with an effective dose as low as 1 billion CFU/day.

With a variety of available formulation options, manufactured to the highest standards in a state of the art cGMP facility, Synbiotic Health provides solutions that stick.

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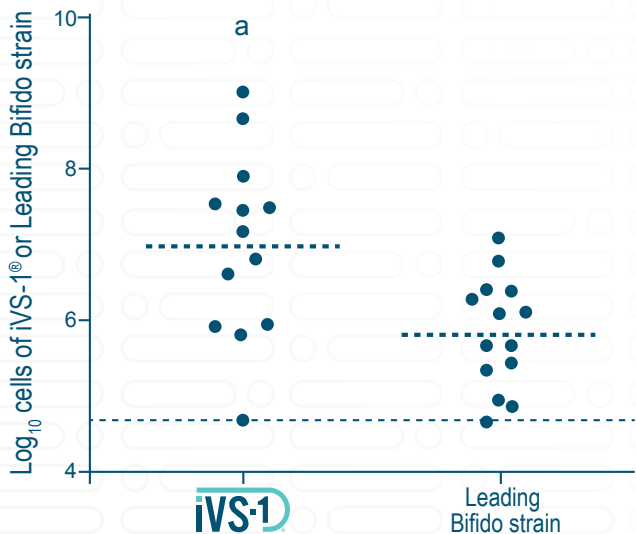
### iVS-1® Produces Folate at Levels 3X Higher than Other Representative *Bifidobacterium* Strains.



#### BENEFITS:

- Produces 3X more folate compared to other *Bifidobacterium* strains.
- Produces a more bioavailable form of folate (tetrahydrofolate) compared to the folic acid found in most dietary supplements.
- iVS-1® can be intelligently paired™ with a targeted partner prebiotic (GOS), which it can competitively consume in the human gut.
- Reached a 10x higher level in the gut than a leading strain of *Bifidobacterium* on the market in a randomized, double-blind, placebo-controlled clinical trial.

### iVS-1® Establishes in the Human Gut at Levels 10X Higher than a Leading Strain of *Bifidobacterium*.



#### Specifications

**Strain:** *Bifidobacterium adolescentis* iVS-1 (iVS-1®)

**Origin:** Human intestinal tract

**Recommended Daily Dose:** 1 Billion CFU/day

**Safety and Certifications:** Kosher and Halal available, GRAS, NHP Class I, GMO free, compatible in organic formulation



#### Leading with Science®:

Synbiotic Health researches & develops Ecologically Advanced® microbiome ingredients for improved health. Using our novel discovery platforms iVS® and iVE®, Synbiotic Health is pioneering a new category of Synergistic Synbiotics®—proprietary select combinations of Ecologically Advanced Probiotics® and prebiotics that change the microbiome to provide documented health benefits.

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