

Synplogen:

Your Expert in Synthesizing Long and Complex Gene



OGAB™ method inventor
Kenji TSUGE, Ph.D.

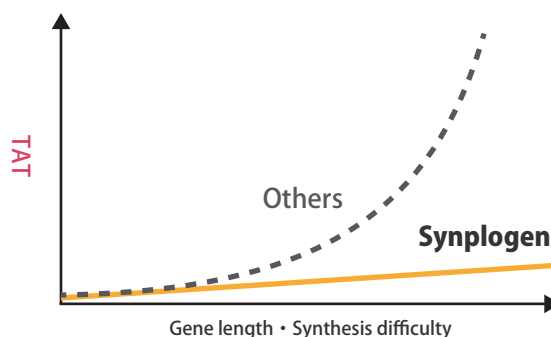
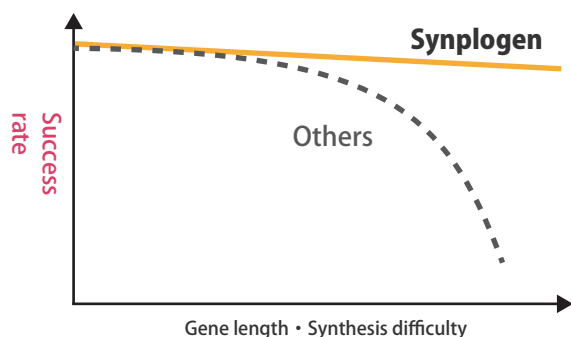
Up to 150kb
Ultra Long Gene

Extreme high
GC or AT

Repeat sequence
Tandem repeats

Lethal sequence
for *E.coli*

Synplogen's proprietary **OGAB™ technology** unlocks long and complex gene synthesis. We deliver your most challenging sequences with a **>99% success rate and guaranteed on-time delivery.**



100% Sequence Guarantee
Confirmed by NGS or
Sanger Sequencing

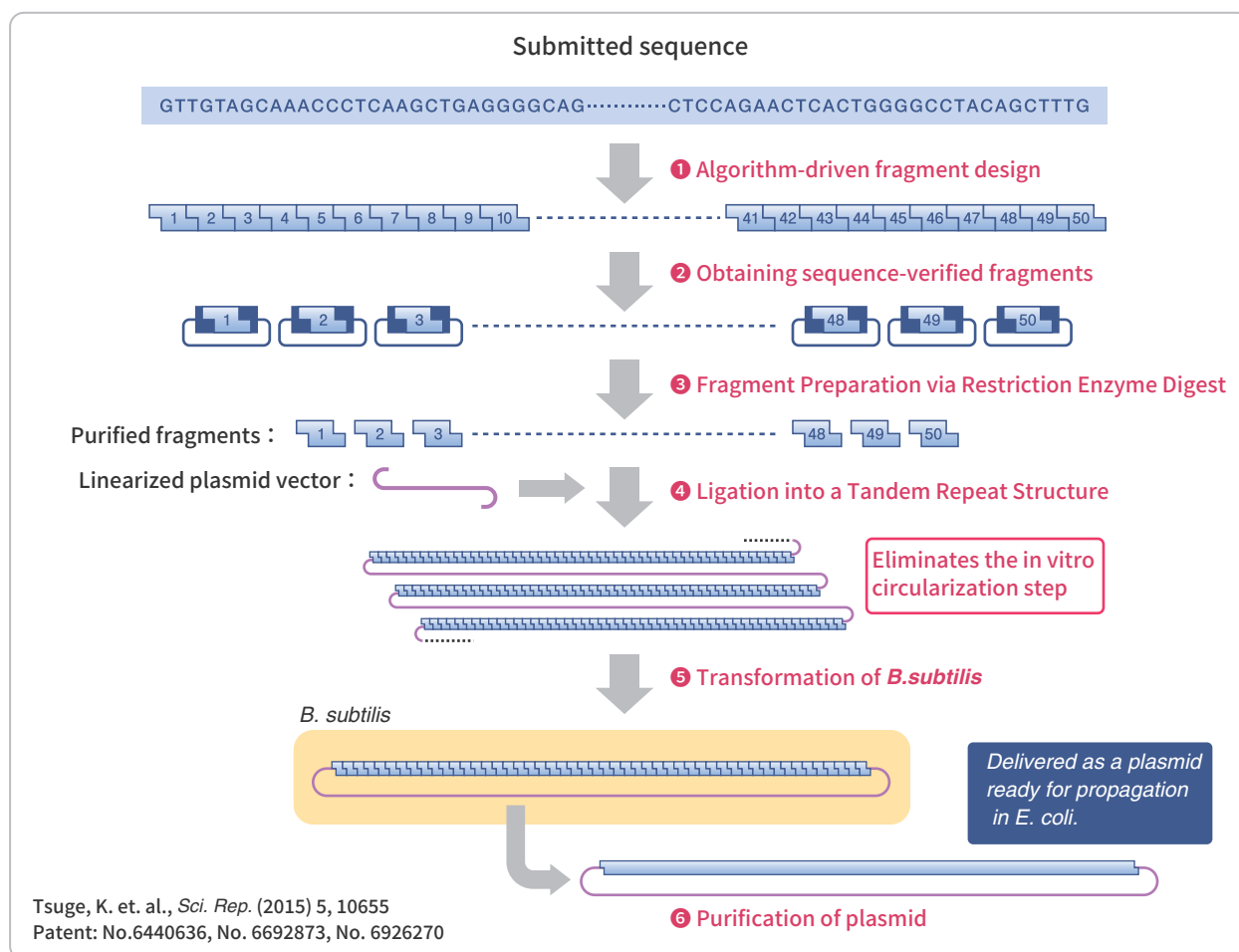
Plasmid Yield
1 μ g ~ 20mg
Purified by
CsCl-EtBr Ultracentrifuge

Your choice of vector

Technical Support from
Ph.D. Experts

Proprietary Gene Synthesis Technology OGAB™ (Ordered Gene Assembly in *Bacillus subtilis*)

Unlock the synthesis of long and complex gene with our OGAB™ method. This proprietary Synplogen technology harnesses the power of *Bacillus subtilis* to precisely assemble 50+ DNA fragments, making it possible to create long-chain sequences (from several kb up to 150 kb) and other challenging genes.



Customer's voice

"Synplogen's high-accuracy synthesis of our large DNA fragments was key to generating our next-generation mouse models. Their work enabled our success."

(Professor, National University)

"Synplogen succeeded where others couldn't. We handed them our most difficult synthesis projects—ones other companies turned down. They delivered 100% of them on time, keeping our critical research and development on track. We consider them essential to our success."

(Researcher, Food & Pharma R&D)

"Synplogen delivers what others can't: long, repetitive DNA, with 100% on-time delivery. Their quality and predictability are a massive advantage for our R&D planning. They are our go-to for complex synthesis."

(Researcher, Chemical R&D)

"We selected Synplogen for a simple reason: they were the only ones who could do the job. Our JST CREST project required synthesis of long-chain (>10kb) AI-designed DNA and subsequent assembly in *Bacillus subtilis*. No other company, domestically or globally, has this expertise. Their team handled our complex requirements with exceptional speed and precision."

(Professor, Leading Private University)

"Multiple vendors told us our long, GC-rich repeat sequence was impossible to make. Synplogen proved them wrong. They delivered a perfect product that was critical for our experiments, and we can't thank them enough. They are now our go-to partner for any sequence that others deem 'unsynthesizable'."

(Researcher, Food & Pharma R&D)

Find out more online ▶



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