Platform Technology | AA

## Novel Dual-Plasmid Transfection System

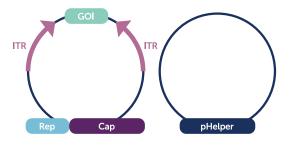
The Dual-Plasmid system resolves some of the key manufacturing challenges faced by AAV developers

Our team of experts at OXB have developed a proprietary 'plug and play' Dual-Plasmid system for transient transfection for effective AAV-based gene therapies resulting in:

- ✓ Higher titre
- ✓ High product quality
- ✓ Proven scalability

#### OXB's Dual Plasmid System

OXBŽ



Our novel Dual-Plasmid system optimizes performance and quality

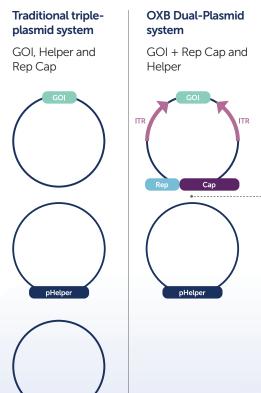


### Advantages of our Dual-Plasmid system include:



## An optimised configuration to outperform traditional triple-plasmid system

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<b>Dual-Plasmid System delivers</b> Same sequence, different configuration	Client benefits Improved downstream performance	
Performance and quality	High productivity and improved safety profile	
Consistency, comparability and scalability	Reliable technology proven in GMP manufacturing	

- ✓ No change in RepCap and GOI (Gene of Interest) DNA sequences, and the pHelper plasmid is the same: the conversion from the triple-plasmid to the Dual-Plasmid system is straightforward
- ✓ The Dual-Plasmid system, together with our proprietary transfection process increases bioreactor vg titer up to 10-fold over current industry standard. The process has been successfully scaled up to 2,000L and has been proven to deliver up to 1.5E17 total vgs at 500L scale



# Let's deliver life-changing therapies together

We are a global quality and innovation-led CDMO in cell and gene therapy with 30 years of experience, committed to helping our clients deliver therapies that transform patients lives.

We offer end-to-end capabilities, from plasmid design and optimisation, to clinical and commercial GMP manufacturing, accompanied by robust control systems, analytical methods and deep regulatory knowledge.



To discuss your project, please contact our team at partnering@oxb.com

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