

# OXGENE is now a WuXi Advanced Therapies company.

OXGENE's AAV and Lentiviral packaging plasmids are now available off-the-shelf at GMP grade globally.

**OXGENE®**  
A WuXi Advanced Therapies Company

## Advantages of our Plasmids

### Exceptional Performance

Our patented plasmids achieve high-titre, high quality viral vector production. XLenti™ plasmids can improve titers 10-fold compared to other commercially available plasmids, and our reconfigured XAAV™ plasmids improve titers up to 8 fold (depending on serotype) compared to standard RepCap plasmids.

### Antibiotics Free Manufacturing Process

Our antibiotics free manufacturing process is highly preferred by regulatory agencies. It means that further testing to measure and control for residual antibiotics is not required. Our bioreactors and consumables are single use and animal component free to eliminate microbial contamination.

### Accelerated IND / BLA Filing in US & China

We provide Letter of Authorization to use our Drug Master File to accelerate your US FDA Investigational New Drug (IND) & Biologics License Application (BLA) processes. Also, CTD Module 3 can be developed to support your China NMPA's CDE IND & BLA processes. Our test methods are fully validated per ICH and other regulatory guidelines.

### Global IP Protection and Royalty Free Purchase

We have filed over 25 patent applications for our plasmid technology globally. Both off-the-shelf and custom plasmids are available royalty free from research to commercial use.

## Premium Platform Services

Off-the-shelf Packaging  
Plasmid Delivered to  
Your Door in 2 WEEKS

Up to 50g GMP Grade  
Bespoke Plasmid  
Delivered to Your Door  
in 3 MONTHS

Designed to FDA, EMA  
and NMPA GMP  
Standards



**ORDER  
NOW**

North America: [atu.info@wuxiapptec.com](mailto:atu.info@wuxiapptec.com)

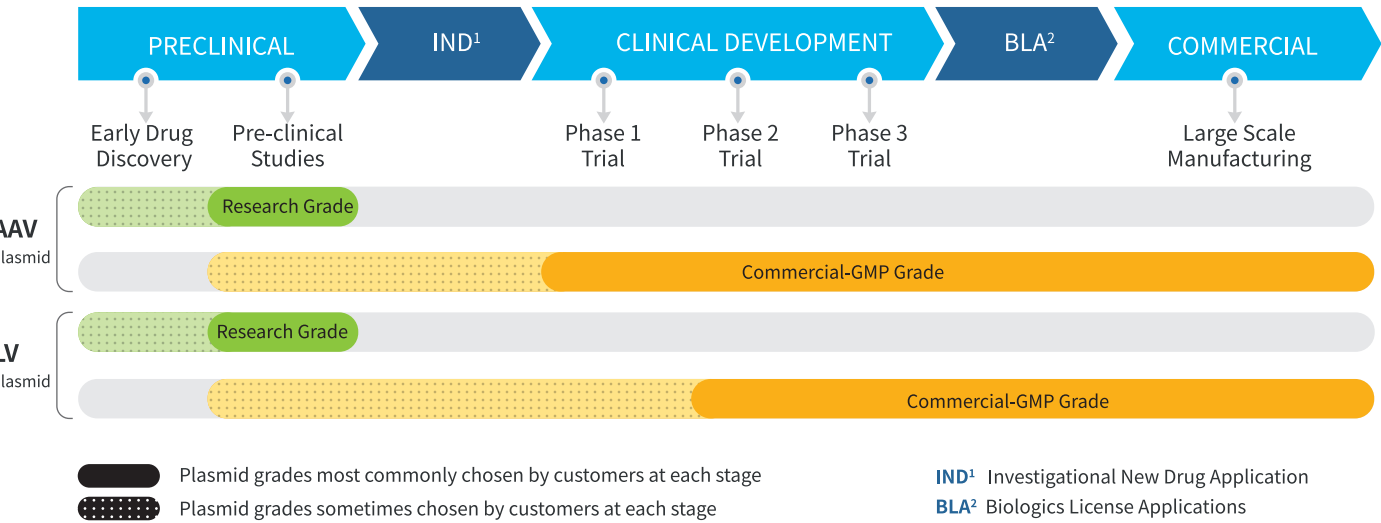
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# PACKAGING PLASMID CATALOGUE

Plasmid Type	Product Code	Description	Pack Size
Lentiviral Plasmid	AQ6972, AQ6973, AQ6975	Rev, VSVG, GagPol	1mg, 10mg
AAV Plasmid	AQ1364	AAV Helper	
	AQ6587	AAV1 Rep-Cap	
	AQ6801	AAV2 Rep-Cap	
	AQ6589	AAV3 Rep-Cap	
	AQ6802	AAV4 Rep-Cap	
	AQ5220	AAV5 Rep-Cap	
	AQ6961	AAV6 Rep-Cap	

## COMMON CHOICES OF PLASMID GRADES IN PRODUCT DEVELOPMENT



\*This diagram represents the most frequent plasmid grades chosen our customers at each stage of their product development. This is not a recommendation for any particular plasmid grade.

## Quality Specifications for GMP Grade Plasmids

Assay	Method	Specification
ABS 260/280 Ratio Purity	UV Spectrophotometry	1.80 - 2.00
Appearance	Visual Inspection	Clear and Colorless
pH	Potentiometry	8.0 +/- 0.5
Concentration	UV Spectrophotometry	1.0 mg/mL +/- 10%
DNA Homogeneity	Gel Electrophoresis	> 90% supercoiled
Endotoxin	LAL	< 10 EU/mg
Identity by Sequence	Sanger Sequencing	Consistent with the theoretical sequences
Identity by Restriction Digest	Gel Electrophoresis	Consistent with the reference standard
Residual Host Genomic DNA	Quantitative PCR	< 1%
Residual Host RNA	Quantitative PCR	< 1% by Semi-Quantitative Densitometry
Residual Host Protein	ELISA	< 1%
Sterility	USP <71>	No Growth
Mycoplasma Contamination*	Quantitative PCR	Negative for Mycoplasma

\* optional test items