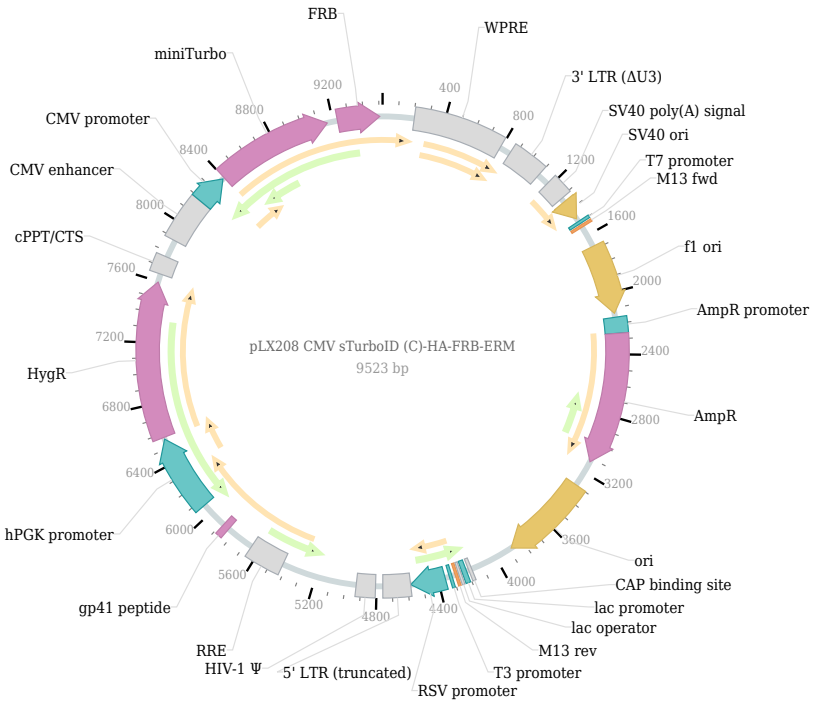
pLX208 CMV sTurboID (C)-HA-FRB-ERM

Vector ID	V017727
Antibiotic Resistance	Ampicillin
Length	9523 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Hyg
Copy Number	High copy number
Promoter	CMV
Cloning Method	Gibson Cloning
5' Primer	CMV-F
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	This is a 9523 bp lentiviral expression vector, pLX208 CMV sTurboID (C)-HA-FRB-ERM. It is designed to express a TurboID-based proximity labeling fusion protein driven by the strong CMV promoter. The vector supports stable cell line generation using the HygR selection marker and includes essential lentiviral components like cPPT/CTS and WPRE for efficient viral packaging and transduction.

Vector Map



Plasmid Resuspension Protocol

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.