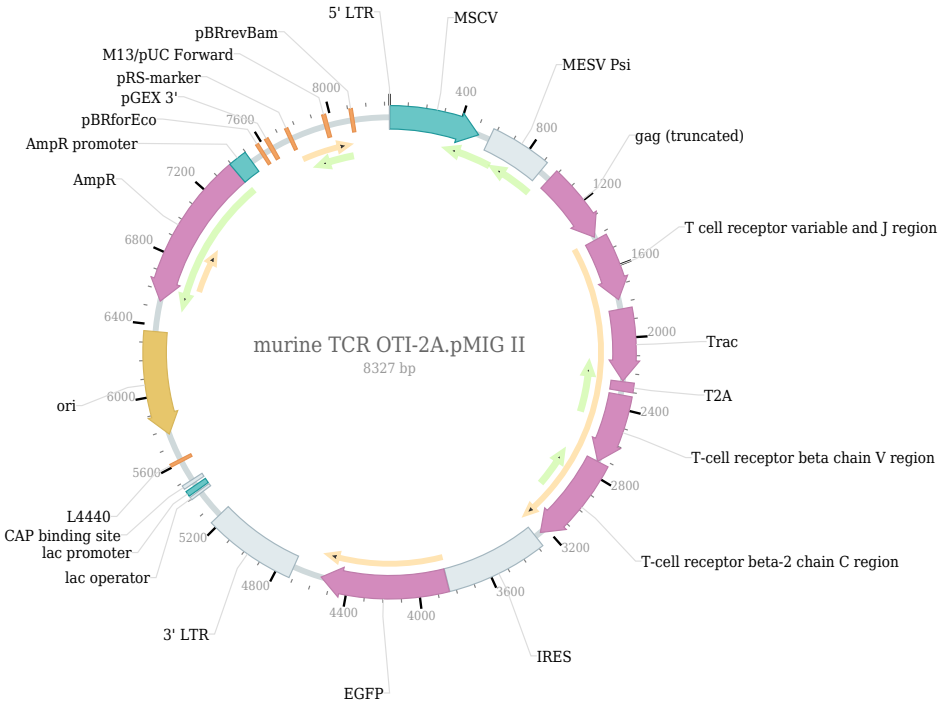
murine TCR OTI-2A.pMIG II

Vector ID	V001766
Antibiotic Resistance	Ampicillin
Length	8327 bp
Vector Type	Mammalian Expression, Retroviral

Product Information

Replication Origin	ori
Copy Number	High Copy
Promoter	MSCV
5' Primer	na
3' Primer	EGFP-N
Comment	murine TCR OTI-2A.pMIG II is a retroviral plasmid used to express the mouse T cell receptor (TCR). It enables efficient expression of the TCRalpha and TCRbeta from a single vector, and also labels successfully transduced cells.

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 ℃.