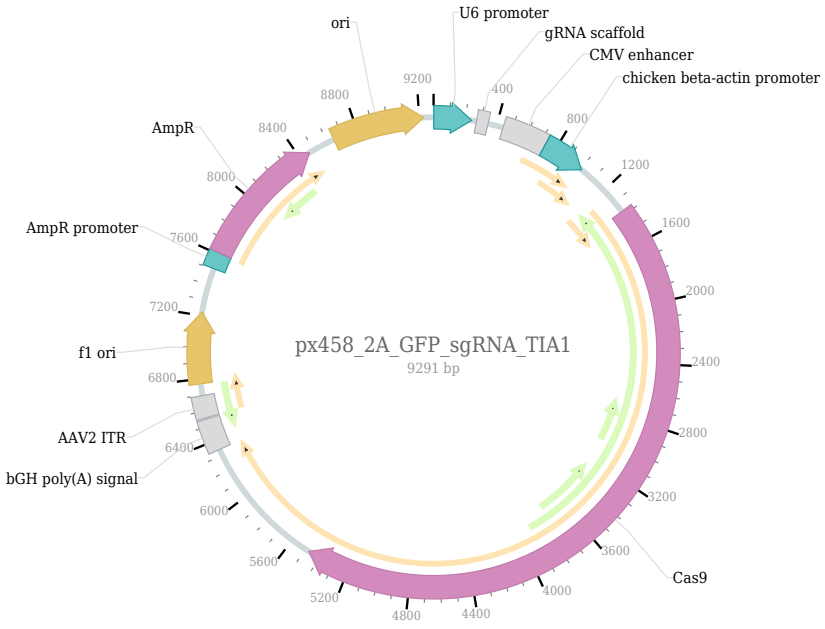
px458_2A_GFP_sgRNA_TIA1

Vector ID	V016807
Antibiotic Resistance	Ampicillin
Length	9291 bp
Vector Type	Gene knockout
Host	Mammalian cells

Product Information

Replication Origin	ori
Promoter	CBh
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	px458_2A_GFP_sgRNA_TIA1 serves as a CRISPR-Cas9 tool for targeted knockout of the TIA1 gene. Utilising GFP for screening positive cells facilitates the establishment of knockout cell lines, thereby aiding in the analysis of TIA1's RNA-binding preferences.

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 ℃.