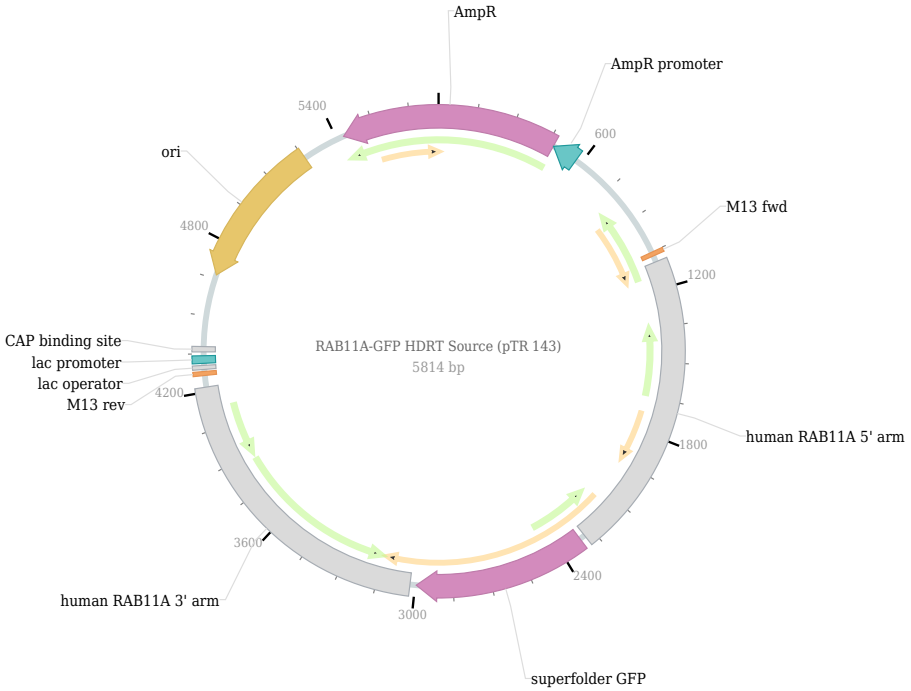
RAB11A-GFP HDRT Source (pTR 143)

Vector ID	V000478
Antibiotic Resistance	Ampicillin
Length	5814 bp
Vector Type	CRISPR, Synthetic Biology

Product Information

Replication Origin	ori
Copy Number	High Copy
Cloning Method	Gibson Cloning
Growth Strain(s)	stbl3
Comment	This plasmid (pTR 143) serves as the DNA template source to PCR-amplify HDR donor fragments. The amplified linear template enables CRISPR-mediated GFP tagging at the endogenous human RAB11A locus in primary human T cells. It carries matched homology arms flanking the GFP cassette for seamless homology-directed repair.

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 ℃.