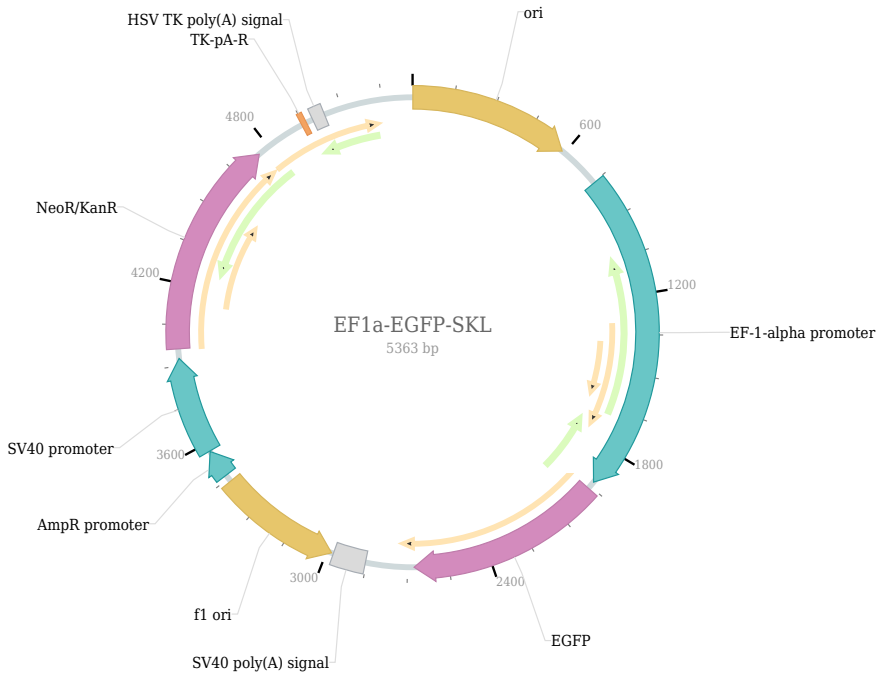
EF1a-EGFP-SKL

Vector ID	V047683
Antibiotic Resistance	Kanamycin
Length	5363 bp
Vector Type	Mammalian Expression Vectors
Host	Mammalian cells

Product Information

Source/Author	Christopher Moxham Lab
Fusion Tag	EGFP
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	This mammalian expression plasmid uses the human EF1a promoter to drive constitutive expression of an EGFP reporter protein fused to the C-terminal peroxisomal targeting signal SKL, enabling visualization of peroxisomes in live 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 ℃.