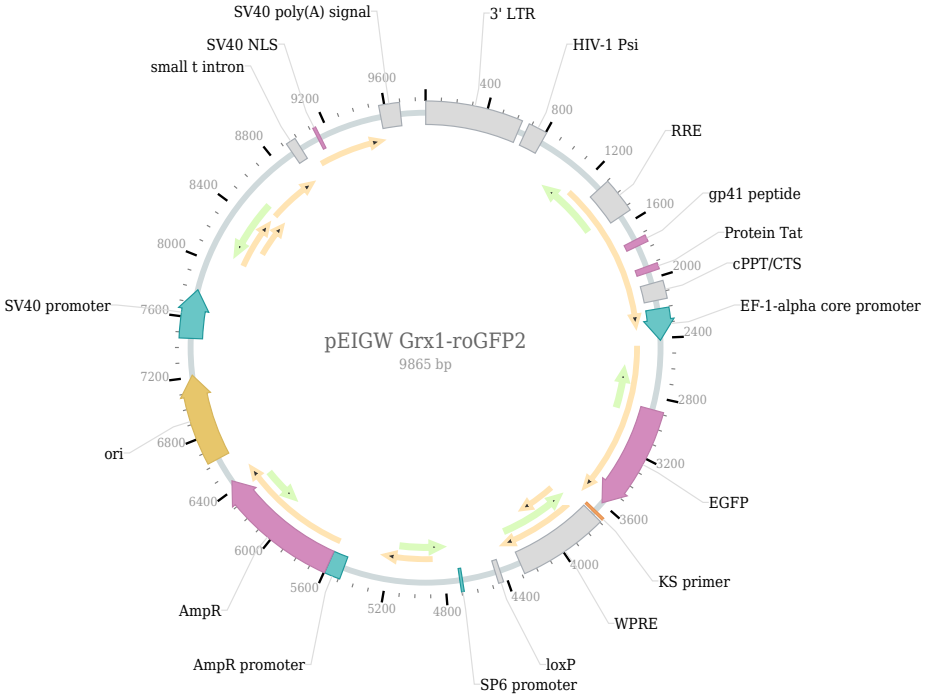
pEIGW Grx1-roGFP2

载体编号 Vector ID	V017419
抗性 Antibiotic Resistance	Ampicillin
长度 Length	9865 bp
载体类型 Vector Type	Protein expression
宿主 Host	Mammalian cells, Lentivirus

产品信息

复制子 Replication Origin	ori
启动子 Promoter	SV40
5' 引物 5' Primer	pEGFP-N-3'
培养菌株 Growth Strain(s)	Stbl3
培养温度 Growth Temperature	37℃
备注 Comment	pEIGW Grx1-roGFP2 is a lentiviral mammalian vector expressing cytosolic human Grx1-roGFP2 (roGFP2 C-terminal). It ratiometrically reports the glutathione redox potential E(GSH) in live cells with fast, GSH/GSSG-specific kinetics.

质粒图谱



复溶方法

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 ℃.