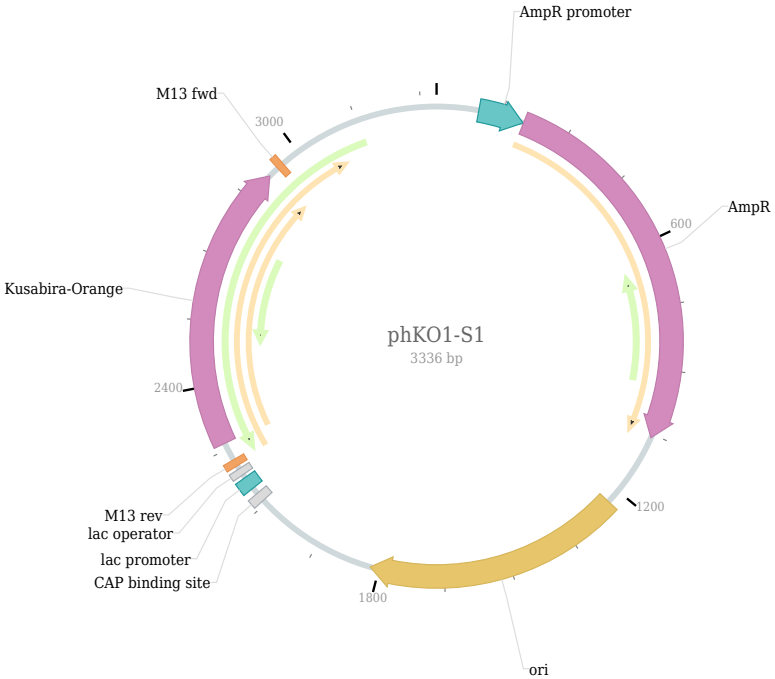
phKO1-S1

Vector ID	V012000
Antibiotic Resistance	Ampicillin
Length	3336 bp
Vector Type	Fluorescent Protein Genes & Plasmids

Product Information

Replication Origin	ori
Source/Author	MBL International
Copy Number	High copy number
5' Primer	M13 fwd
3' Primer	M13 rev
Growth Strain(s)	Top10
Comment	phKO1-S1 is a humanized Kusabira-Orange 1 (hKO1) expression vector. Encodes hKO1, an orange fluorescent protein from Fungia concinna (ex/em 548/561 nm) that rapidly matures to a fluorescent dimer; used for subcloning and FRET applications (Karasawa et al. 2004).

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 ℃.