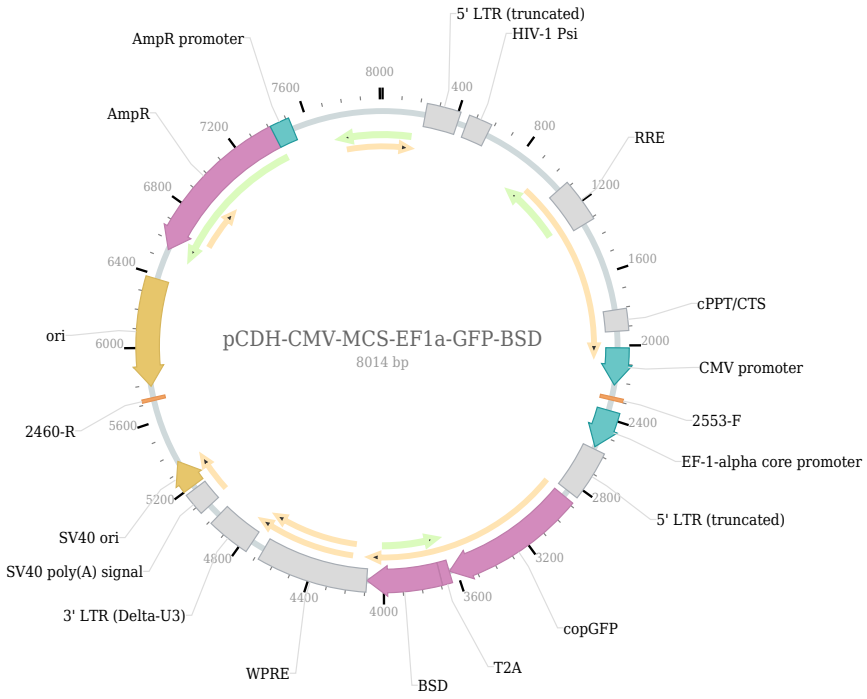
pCDH-CMV-MCS-EF1a-GFP-BSD

Vector ID	V047692
Antibiotic Resistance	Ampicillin
Length	8014 bp
Vector Type	Mammalian cells, Lentivirus

Product Information

Selection Marker	Blasticidin
Promoter	CMV
Growth Strain(s)	Stbl3
Comment	pCDH-CMV-MCS-EF1a-GFP-BSD is a third-generation HIV-1-based lentiviral expression vector (7,995 bp) featuring a dual-promoter design: the CMV promoter drives the target gene within the MCS clone, whilst the EF1α promoter drives copGFP and BSD. This vector enables stable integration, fluorescent tracking and screening for rice blast-suppressing substances in both dividing and non-dividing mammalian 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 ℃.