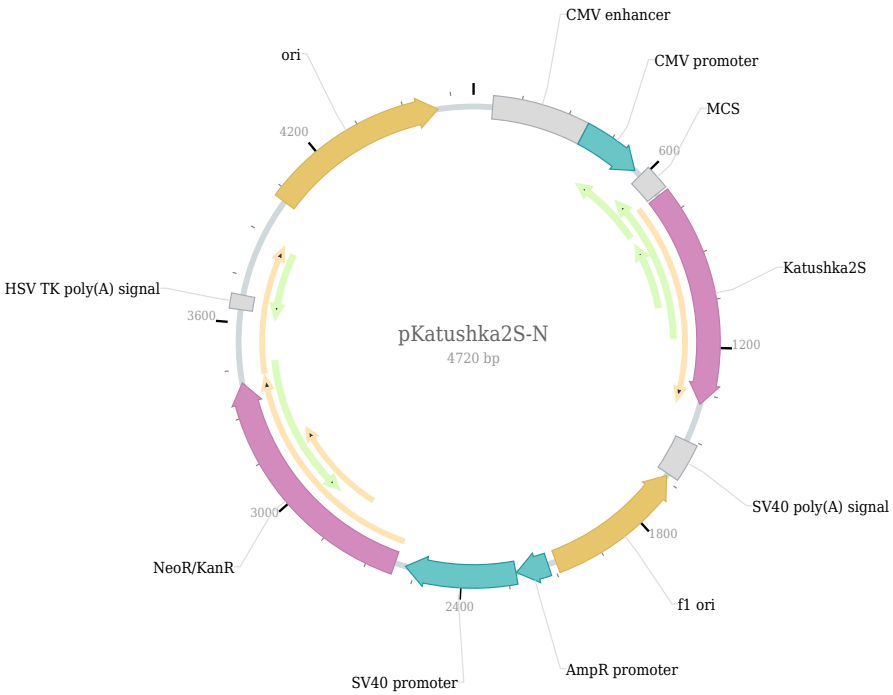
pKatushka2S-N

Vector ID	V011989
Antibiotic Resistance	Kanamycin
Length	4720 bp
Vector Type	Fluorescent Protein Genes & Plasmids

Product Information

Replication Origin	ori
Source/Author	Luker KE, Pata P, Shemiakina II, Pereverzeva A, Stacer AC, Shcherbo
Selection Marker	Neomycin/G418(Geneticin)
Copy Number	High copy number
Growth Strain(s)	DH10B
Comment	pKatushka2S-N is a mammalian N-terminal fusion vector expressing the far-red fluorescent protein Katushka2S (Ex/Em 588/633 nm; brightness ~89% of EGFP) fused to the N-terminus of proteins cloned into the MCS under the CMV promoter. Suited to deep-tissue imaging. KanR (E. coli) and SV40-NeoR (G418) selection.

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 ℃.