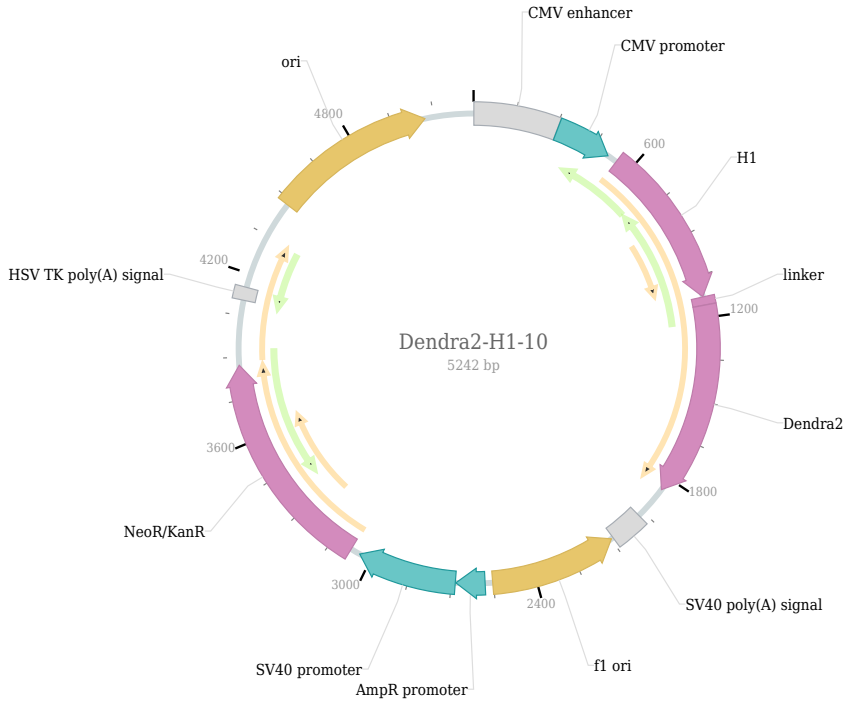
Dendra2-H1-10

Vector ID	V018130
Antibiotic Resistance	Kanamycin
Length	5242 bp
Vector Type	Mammalian Expression Vectors

Product Information

Source/Author	Michael Davidson
Selection Marker	Neomycin/G418(Geneticin)
Copy Number	High copy number
Promoter	CMV
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	This plasmid encodes a fusion protein consisting of mouse histone H1 fused to the N-terminus of Dendra2 (a photoconvertible fluorescent protein). Excitation wavelengths: 490 nm (green state) / 553 nm (red state). Emission wavelengths: 507 nm (green state) / 573 nm (red state)

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 ℃.