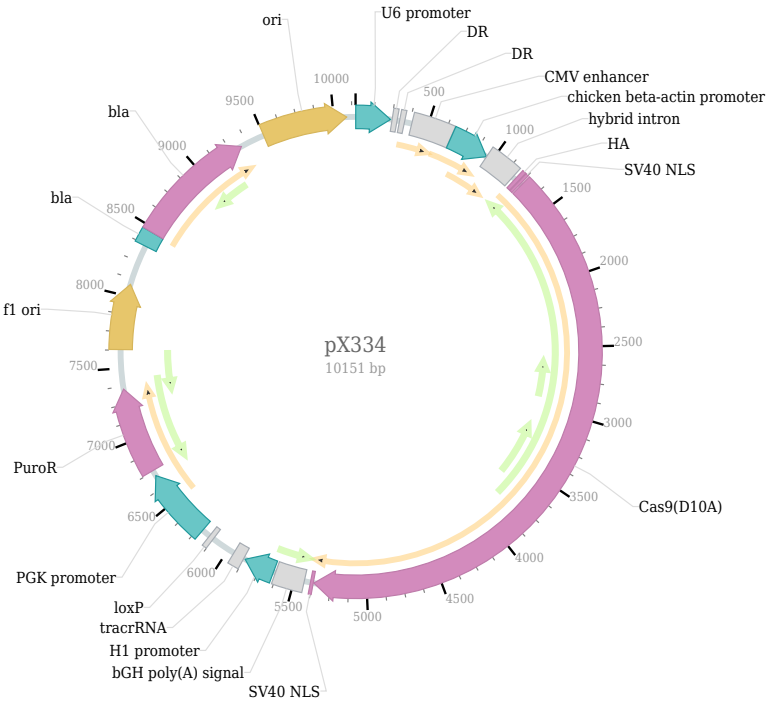
pX334

Vector ID	V012762
Antibiotic Resistance	Ampicillin
Length	10151 bp
Vector Type	CRISPR Plasmids

Product Information

Replication Origin	ori
Selection Marker	Puromycin
Copy Number	High copy number
Promoter	CBh
Comment	This plasmid separately encodes a human codon-optimized SpCas9 nickase, a tracrRNA and customizable crRNA. Also known as pX334-U6-DR-BB-DR-Cbh-NLS-hSpCas9n(D10A)-NLS-H1-shorttracr-PGK-puro

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 ℃.