

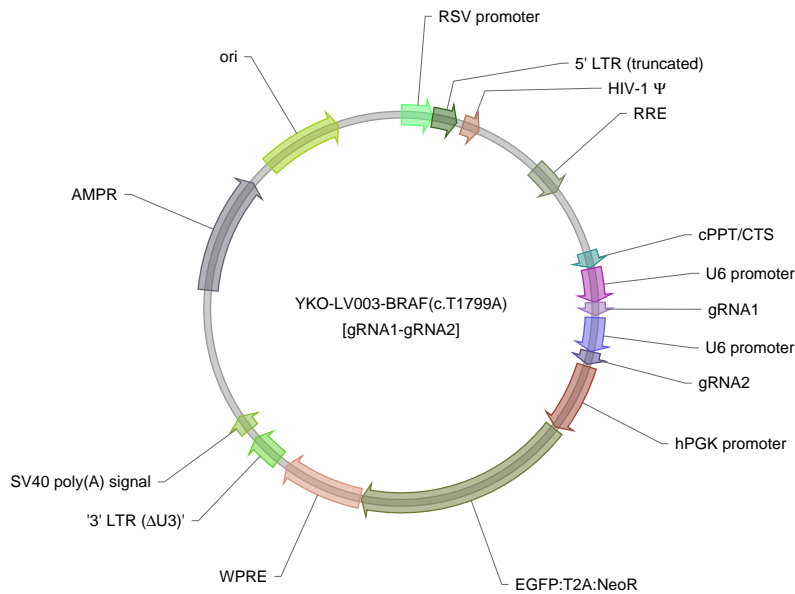


gRNA Plasmid Construction Report

Contract ID: UBISVK201028HJ1

Gene	BRAF(c.T1799A)	gRNA	gRNA1 : GCATCCTACTTGTCTAATAA gRNA2 : TAATGCAGAGTGTGCTCGTC
Plasmid	YKO-LV003-BRAF(c.T1799A)[gRNA1-gRNA2]		

Plasmid Map



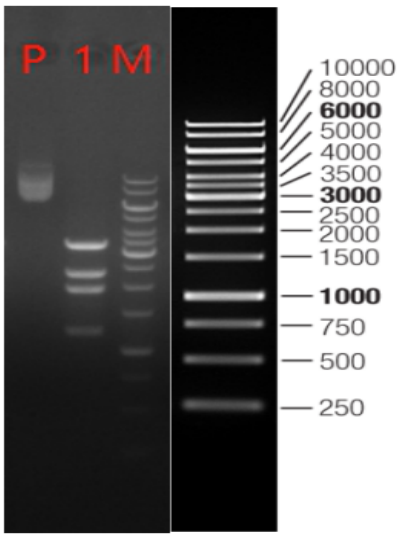
Plasmid sequence

Yellow: U6 promoter

Blue: gRNA1 Red: gRNA2

GAGGGCCTATTTCCCATGATTCTTCATATTTGCATATACGATACAAGGCTGTTAGAGAGATAATTGGAA
TTAATTTGACTGTAAACACAAAGATATTAGTACAAAATACGTGACGTAGAAAGTAATAATTTCTTGGGTA
GTTTGCAGTTTTAAAATTATGTTTTAAAATGGACTATCATATGCTTACCGTAACTTGAAAGTATTTTCGATTT
CTTGGCTTTATATATCTTGTGGAAAGGACGAAACACC**GGCATCCTACTTGTCTAATAAGTTTTAGAGCT**
AGAAATAGCAAGTTAAAATAAGGCTAGTCCGTTATCAACTTGAAAAAGTGGCACCGAGTCGGTGCTTTT
TTGGCCGGCC**GAGGGCCTATTTCCCATGATTCTTCATATTTGCATATACGATACAAGGCTGTTAGAGAG**
ATAATTGGAATTAATTTGACTGTAAACACAAAGATATTAGTACAAAATACGTGACGTAGAAAGTAATAA
TTTCTTGGGTAGTTTGCAGTTTTAAAATTATGTTTTAAAATGGACTATCATATGCTTACCGTAACTTGAAA
GTATTTTCGATTTCTTGGCTTTATATATCTTGTGGAAAGGACGAAACACC**GTAATGCAGAGTGTGCTCGTC**
GTTTTAGAGCTAGAAATAGCAAGTTAAAATAAGGCTAGTCCGTTATCAACTTGAAAAAGTGGCACCGAG
TCGGTGC



Digestion validation	<p>1.ApaLI+EcoRI (1246 , 1960 , 2317 , 3363)</p> <p>2.ApaLI+BamHI (1246 , 3874 , 1806 , 1960)</p>
Electrophoresis result	 <p>1.ApaLI+EcoRI (1246 , 1960 , 2317 , 3363)</p>

