

Supplementary table 1

B16F10	forward(5'→3')	reverse(5'→3')
5'	CCACAACGTCTGTCTTCACAAT	TACTTCCATTTGTCACGTCCTG
5'(Arm for Fig4)	GGTCTGTGGTATGCCCTAATGT	TACTTCCATTTGTCACGTCCTG
WT	CTGGACCTTATCCAAACTGGAG	GTTTGGCTTCACCCTTTACTTG
3'(BSD)	GCCATAGTGAAGGACAGTGATG	CTAACTTGGCCATCAGCTTTCT
3'(Puro)	AGCTGCAAGAACTCTTCCTCAC	CCCAGATATTTTCAGGATGCTC
3'(Hygro)	AGTACTCGCCGATAGTGGAAC	CTAACTTGGCCATCAGCTTTCT
3'(Neo)	CTTCCTCGTGCTTTACGGTATC	CCCAGATATTTTCAGGATGCTC

ID8	forward(5'→3')	reverse(5'→3')
5'	CGGGAGAGTTGGATATGTTTAG	TACTTCCATTTGTCACGTCCTG
WT	CGAGACTCCAGGGCTACTTG	ATGCAAGCCACATTGGGTAT
3'(BSD)	GCCATAGTGAAGGACAGTGATG	GTGCAGTCTTTTGTTGCAAGTC