

Oligo Name	Oligo Sequence (Homology to target recombination sites underlined)
SacBF-LoxPHom	CCAAGCTATTTAGGTGACACTATAGAATACTCAAGCTTGCATGCATAA <u>CTTCGTATAGCATA</u> CATTATACGAAGTTATCCTGTGACGGAAGATCACTTCG
SacBR-US34aHom	CGCCGAACGAAGGTCCCTCTGGCTCGGTCCGCCTGCTCTCCAGGTCCGACTGAGCGATTCCCGCCACCACTGGTCTGAGGTTCTTATGGCTCTTG
SacBF-GFPuroHom	GCTTGCCAAACCTACAGGTGGGGTCTTTCA <u>TCCCCCTTTTTCTGGAGACTAAATAAAATCTTTATTTATCGATG</u> CCTGTGACGGAAGATCACTTCG
SacBR-GFPuroHom	TTTTTTATTTATGCAGAGGCCGAGGCCGCCTCGGCCTCTGAGCTATTCCAGAAGTAGTGAGGAGGCTTTTTTGGAGGCCTAGGCTTTTGCAAAAAGCTTG
CreF-SV40Hom	ATGCAGAGGCCGAGGCCGCCTCGGCCTCTGAGCTATTCCAGAAGTAGTGAGGAGGCTTTTTTGGAGGCCTAGGCTTTTGCAAAAAGCTTG
CreR-BACHom	AACGACGGCCAGTGAATTGTAATACGACTCACTATAGGGCGAATTCGAGCTCGGTACCCGGGGATCCTTAATTAACCCTACTAAAGGGAACAAAAGCTG
GalKF-CreHom	GTTGGGTCGTTTGTTCCGATCGATCCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTTTAGTGAGCCTGTTGACAATTAATCATCGGCA
GalKR-SopCHom	GTGTCCTGCTTATCCACAACATTTTGCGCACGGTTATGTGGACAAAATACCTGGTACCAGGCCGTGCCGGCACGTTTGTGACACTGTCCTGCTCCTT
RemoveGalKBAC	GTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTTTAGTGAGCAAACGTGCCGGCACGGCCTGGGTAAACAGGTATTTGTCCACATAACCG
SacBF-UL36Hom	TTATATAAAATGCTGTGTTATATACAAAAACATGCACATAGACAGACAGAACCACCGTGCTCGTCCCTCCTTAACCTGTGACGGAAGATCACTTCG
SacBR-UL36Hom	CCTGGAAAGAGGACGTTTCGCTCGGGCACGTTCTTTCCAGGTGTTTTCAACGTGCGTGGATTTTTCTATTCTCTACCAGCTGAGGTTCTTATGGCTCTTG
UL36F	CTGGAAAGAGGACGTTTCGCTCGGGCACGTTCTTTCCAGGTGTTTTCAACGTGCGTGGATTTTTCTATTCTCTACCAGGTGCTTACGTCGCTGTCAGGA
UL36R	TTATATAAAATGCTGTGTTATATACAAAAACATGCACATAGACAGACAGAACCACCGTGCTCGTCCCTCCTTAATCAGTTGTTTCATGTAGGCGTGT
SacBF-UL128Hom	TGTGTTTCTTAACGCTCTCCAGGACTGATCCAGGCCACGATCCGGGTTATCTTGTCGATTTCCAGATTGATCCATCCCTGTGACGGAAGATCACTTCG
SacBR-UL128Hom	AGCTGACGGGCGAATACGCTGCGGCAAAGTAAACGACAAGGCGCAGTACCTGCTGGGCGCCGTGGCAGCGTTCCCTATCTGAGGTTCTTATGGCTCTTG
UL128Rep (altered base underlined)	TCCAGGCCACGATCCGGGTTATCTTGTCGATTCCAGATTGATCCATCGATAGGGAACGCTGCCAGCGCGCCAGCAGGACTGCGCCTTGCTGTTA
SacBF-RL13Hom	AATTCTACAACAGTTAGCATATCCACCAGTGAAACAACGTCTAAAAACATCACTCCAACCTACCACGACAAATCCAACCTGTGACGGAAGATCACTTCG
SacBR-RL13Hom	TTGACGACGCTGCAGTAGAAACGACTTTGCCAGTCGTTACTAACGAGGGTGTAGTGGTAGCAATACTTGACGTTGTTTTCTGAGGTTCTTATGGCTCTTG
RL13Rep (Site of extra base underlined)	TGAAACAACGTCTAAAAACATCACTCCAACCTACCACGACAAATCCA AAAAAA CAACGTCAAGTATTGCTACCACTACACCTCGTTAGTAACGACTGGC
SacBF-IE2Hom	CAGCATTCTCACCACACGTTAATACTGTCACGGGAAATCACTATGTACAAGAGTCCATGTCTCTTTCCAGTTTCTCACCTGTGACGGAAGATCACTTCG
SacBR-IE2Hom	GACCCCTCCCGAAGACCTGGACACCCTGAGCCTGGCCATCGAGGCAGCCATCCAGGACCTGAGGAACAAATCTCAGTAACTGAGGTTCTTATGGCTCTTG
IRESF-IE2Hom	CCGAGACCCCTCCCGAAGACCTGGACACCCTGAGCCTGGCCATCGAGGCAGCCATCCAGGACCTGAGGAACAAATCTCAGTAAAGATCCGCCCTCTCCCT
GFPR-IE2Hom	AGCATTCTCACCACACGTTAATACTGTCACGGGAAATCACTATGTACAAGAGTCCATGTCTCTTTCCAGTTTCTCACTTACTTGTACAGCTCGTCCATGC
SacBF-RL13 (TetO in bold)	CACATGAAATTAAGTAACATATCTACCATGAAATACAGCAAAGATATACTAATGTCTATCCCTATCAGTGATAGAGATCCTGTGACGGAAGATCACTTCG
SacBR-RL13 (TetO in bold)	ATATGATTACCGTCCATGTAATCGCAAGATGCCAGTGCATGGTACCGCTATTGGATGGATCTCTATCACTGATAGGGAGCTGAGGTTCTTATGGCTCTTG
TetO-RL13 (TetO in bold)	CATATCTACCATGAAATACAGCAAAGATATACTAATGTCTATCCCTATCAGTGATAGAGATCCATCCAATAGCGGTACCATGCACTGGCATCTTGCGATT
SacBF-UL131A (TetO in bold)	GGCGCACAGACAAACAGACAGCCACACCCGACACAGCCGCATGTTGCAGACTGAGAAATCTCTATCACTGATAGGGAGCCTGTGACGGAAGATCACTTCG
SacBR-UL131A (TetO in bold)	TTTCCCCGCCCATCACCTCGCCTATACTATGTGTATGATGTCTCATAATAAAGCTTTCTCCCTATCAGTGATAGAGATCTGAGGTTCTTATGGCTCTTG
TetO-UL131A (TetO in bold)	GCAGACTGAGAAAGAAAGCTTTATTATGAGTCTCTATCACTGATAGGGAGATCTCTATCACTGATAGGGAAACATACACATAGTATAGGCGAGGTGAT
SacBF-RL13Hom	AACCGTCGACAGCCAGGAAACCGCTTATACCAGACTTCTAAATACGATCCAGATGAGTCTTGACTAAAACCTAACCTGTGACGGAAGATCACTTCG

SacBR-RL13Hom	<u>CGACTTATAAGTGATTA</u> <u>ACTCAGAATAAACACACCCAAACATTAATGACTAAAGATAAAAAATTTTATTGATGTGCATACTGAGGTTCTTATGGCTCTTG</u>
V5-RL13-F	<u>GCGTTATACCAGACTTCCTAAATACGATCCAGATGAGTCTTG</u> <u>GACTAAAACCAGCGCTGGTAAGCCAATCCCTAACCCGCTCCTAGGTCTTGATTCTACG</u>
V5-RL13-R	<u>ATAAACACACCCAAACATTAATGACTAAAGATAAAAAATTTTATTGATGTGCATATTACGTAGAATCAAGACCTAGGAGCGGGTTAGGGATTGGCTTACC</u>
RAdMRL13F	<u>AACCGTCAGATCGCCTGGAGACGCCATCCACGCTGTTTTGACCTCCATAGAAGACACCGGGACCGATCCAGCCTGGATCCAATAGCGGTACCATGCACTG</u>
RAdMRL13R	<u>AGAGTACAATAGTGACGTGGGATCCTTACGTAGAATCAAGACCTAGGAGCGGGTTAGGGATTGGCTTACCAGCGCTGGTTTTAGTCCAAGACTCATCT</u>