

Oligonucleotide	Sequence (5' > 3')
Kan exu F NdeI	GCGCGC <i><u>CATATG</u></i> TAGGTCTAGAGATCTGTTTAGCTTGCC
Kan exu R KpnI	GCGC <i><u>GGTACC</u></i> ATTAAGGGTTCTCGAGAGCTCGT
PspXIopt_F1	ATGGCTAAGGAATACTTCCCAC
PspXIopt_R1 XhoI	GCGC <i><u>CTCGAG</u></i> TTGGTACATAGCGACGATAGCTT
OspXIopt_F1	ATGACTAAGGAATACTTCCCAACTAT
OspXIopt_R1 XhoI	GCGC <i><u>CTCGAG</u></i> TTGGTACATAGCGACGATAGCTT
LpXIopt_F1	ATGAAGAATACTTCCCAAACGTCC
LpXIopt_R1 XhoI	GCGC <i><u>CTCGAG</u></i> TCTGAACAAGATGTTGTTGACGA
RfXIopt_F1	ATGGAATTCTTCTCTAACATCGG
RfXIopt_R1 XhoI	GCGC <i><u>CTCGAG</u></i> CAAAGAGAACAAGACGTTGTTGAC
PrXIopt_F1	ATGGCTAAGGAATACTTCCCA
PrXIopt_R1 XhoI	G <i><u>CCTCGAG</u></i> CTTACAGTACAAAGCGACAGTAGTTTC
BcXIopt_F1	ATGTCTTACTTCGAACACATCCC
BcXIopt_R1 XhoI	GCGC <i><u>CTCGAG</u></i> ACGCAAACCGTAGATAGCTTG
RcXIopt_F1	ATGTCTGAAGTCTTCTCTGGTATCTC
RcXIopt_R1 XhoI	GCGC <i><u>CTCGAG</u></i> CTTAGTTTCCAAGATGTATTGGTTC
SrXIopt_F1	ATGAACTACCAACCAACTCCAGA
SrXIopt_R1 XhoI	GCGC <i><u>CTCGAG</u></i> ACCTCTAGCACCCAACAAGTG
TCYC1-PPGK1 F	TTTGC GGCCGGTACCACTAGTACTGTAATTGCTTT
pUG35-TCYC1R	TCGAGAACCCTTAATGGTACCGGCCGCAAATTA
oSS62 XI-F_HSP12s	ACTCAAAAACAAAAAACTAAATACAACACCCAT
oSS74 XI-Rc	TTGGGAATTGGTCAGTGTCCCAAC
oSS63 XI-R_HSP12as	AGTTTTTTTTGTTTTGAGTTGTTTGTGAGATT
oSS83 06_LpXI-Fc	CTGACCAATTCCCAACTGACGTC
LpXIopt_Seq_F1	TTGGCTTTCTTGAGAAAG
LpXIopt_Seq_R1	TAGCGTGGTTAGCTTCGA
oSS106 06_LpXI_V162A	TGTAACGCTGACGCTTTCGCTTACGCT
oSS107 06_LpXI_V162Aas	AGAAGTAGAAGCACCGTGATGAATCTTGG
oSS108 06_LpXI_N303T	CAAGGTGACCCAACCTTTGGGTTGGGAC
oSS109 06_LpXI_N303Tas	GTTAGCGTCGACAGAACCGAAAGCACC

Restriction endonuclease sites are shown italicized and underlined.