TABLE S2 Oligonucletodes used to clone SLO mutant derivatives

Name[a]	Sequence[b]	5'-Terminal restriction site
F*slo*rec	GTGCGTGCTAGCGAATCGAACAAACAAAACACTGC	NheI
R*slo*rec	*GCATTCGATCCTCGAGCTTATAAGTAATCGAACCATATGGG*	XhoI
FP427G	ATGCTACCTTCAGTAGAAAAAAC**GGA**GCTTATCCTATTTCATACACCA	None
RP427G	TGGTGTATGAAATAGGATAAGC**TCC**GTTTTTTCTACTGAAGGTAGCAT	None
FP427L	ATGCTACCTTCAGTAGAAAAAAC**CCT**GCTTATCCTATTTCATACACCA	None
RP427L	TGGTGTATGAAATAGGATAAGC**AGG**GTTTTTTCTACTGAAGGTAGCAT	None
FP427K	ATGCTACCTTCAGTAGAAAAAAC**AAA**GCTTATCCTATTTCATACACCA	None
RP427K	TGGTGTATGAAATAGGATAAGC**TTT**GTTTTTTCTACTGAAGGTAGCAT	None
FP427E	ATGCTACCTTCAGTAGAAAAAAC**GAA**GCTTATCCTATTTCATACACCA	None
RP427E	TGGTGTATGAAATAGGATAAG**CTT**CGTTTTTTCTACTGAAGGTAGCAT	None
FW535F	GAGTGCACTGGCTTAGCT**TTC**GAATGGTGGCGAAAAGTGATC	None
RW535F	GATCACTTTTCGCCACCATTC**GAA**AGCTAAGCCAGTGCACTC	None
FC530G	CCGTATCATGGCTAGAGAG**GGC**ACTGGCTTAGCTTGGGAATG	None
RC530G	CATTCCCAAGCTAAGCCAGT**GCC**CTCTCTAGCCATGATACGG	None

[a]F, forward (coding strand); R, reverse (non coding strand).

[b]Oligonucleotide sequences were derived from the sequenced *slo* locus in M1-SF370. Where indicated, additional nucleotides were added to the 5' terminus to create specific restriction enzyme cutting sites (underlined). The sequences indicated in bold are those substituted to generate mutants by SOEing.