

Table S2 Temperature-sensitive mutants in a lethal insertion cluster identified by linker-scanning mutagenesis

Insertion (first mutation) or Mutation	Sequence ^a	Growth		
		25°C	30°C	37°C
CGRRQ (Y465C)	TLRQ CGRRQ YDSS	++	-	-
CGRKY (D466C)	LRQY CGRKY DSSI	+++	+	-
CGRND (S467C)	RQYD CGRND SSIQ	+++	+	-
CGRNS (S468C)	QYD SCGRNS SIQN	+++	++	-
MRPQS (I469M)	YDSS MRPQS IQNL	+++	+++	-
Wild-type	TLRQYDSSIQNL	+++	+++	+++
Y465C	TLRQ CD SSIQNL	+++	+++	+++
I469Q	TLRQYDSS QQ NL	+++	+++	+++
Y465C I469Q ^b	TLRQ CD SS QQ NL	+++	+++	-
S467A S468A	TLRQYD AA IQNL	+++	+++	+++
S467D S468D	TLRQYD DD IQNL	+++	+++	+++
D466G	TLRQY G SSIQNL	+++	+++	+++

^aInsertions and mutations are in bold text^b*ndc80-121* allele