

**Table S17. Simple indels.**

WT base (in unresected strand) <sup>1</sup>	<i>can1</i> no-DSB; UV (45) (noncoding)	<i>can1</i> DSB- <i>cen</i> ; no UV	<i>can1</i> DSB- <i>cen</i> ; UV (20)	<i>can1</i> DSB- <i>cen</i> ; UV (45)	<i>can1</i> ( <i>can1 ura3</i> ) DSB- <i>cen</i> ; UV (45)	<i>ura3</i> ( <i>can1 ura3</i> ) DSB- <i>cen</i> ; UV (45)	<i>can1</i> DSB- <i>tel</i> ; UV (45)	subtel. <i>LYS2</i> 23°C (no arrest) UV (45) (coding)	subtel. <i>LYS2</i> 37°C (arrest) UV (45)
run of A	2	3	2						
run of G		1			1				
run of T			2	2	2	6	2	2	4
run of C		1	1			2			
<b>Total indels<sup>2</sup></b>	<b>9</b>	<b>6</b>	<b>9</b>	<b>3</b>	<b>4</b>	<b>12</b>	<b>2</b>	<b>2</b>	<b>19</b>

<sup>1</sup>Only indel mutations in which deleted or inserted base(s) can be unambiguously assigned to a homonucleotide run were categorized

<sup>2</sup> Includes all simple indel mutations, regardless of the presence of a homonucleotide run.

Also see footnotes to Table S16.