

S2 Table. Adaptive mutations fixed in each evolved population at generation 1750

Population	Gene	Nucleotide Change	Amino Acid change
P1	<i>SSN2</i>	3031 C -> T	1011 stop codon
	<i>ESP1</i>	2537 C -> T	846 C -> Y
P2	<i>SSN2</i>	2774 T -> G	925 I -> S
	<i>SMC3</i>	895 C -> G	299 A -> P
P3	<i>SSN8</i>	817 +T	273 stop codon
	<i>SWI4</i>	1906 T -> A, 1993 C -> A	635 N -> Y, 665 G -> C
	<i>CLN2</i>	745 G -> A	249 stop codon
P4	<i>SSN3</i>	108 del	36 stop codon
	<i>SMC3</i>	1131 T -> G	377 Q -> H
P5	<i>SSN2</i>	2555 T -> A	852 stop codon
	<i>SMC3</i>	88 T -> C	30 I -> V
P6	<i>SRB7</i>	230 T -> G	77 I -> S
	<i>ESP1</i>	3580 G -> C	1194 H -> D
P7	<i>SSN2</i>	3258 C -> A	1086 stop codon
	<i>SWI6</i>	2144 C -> A	715 stop codon
P8	<i>ESP1</i>	2537 C -> T	846 C -> Y
	<i>SMC3</i>	1622 C -> T	941 G -> D
P9	<i>SSN3</i>	253 del	94 stop codon
	<i>CLN2</i>	622 C -> T	208 E -> K
P10	<i>SRB8</i>	4239 C -> G	1413 N -> K
P11	<i>NUT2</i>	134 C -> A	45 A -> D
	<i>SMC3</i>	2530 G -> C	844 L -> V
	<i>SMC1</i>	2232 G -> T	744 E -> D
	<i>MBP1</i>	1512 A -> +T, 1513 C -> T	510 stop codon
P12	<i>SIN4</i>	2838 del	947 T -> L
	<i>SRB8</i>	1058 del	354 stop codon
	<i>SMC3</i>	2351 G -> T	784 F -> K
P13	<i>SRB8</i>	3095 C -> A	1032 stop codon
	<i>SMC3</i>	3623 G -> A	1208 T -> M
	<i>CLN2</i>	375 C -> T	125 stop codon
P14	<i>SSN8</i>	197 A -> T	66 stop codon
P15	<i>SSN2</i>	3058 T -> A	1020 stop codon
	<i>SMC1</i>	1253 A -> C	418 Q -> P
	<i>ESP1</i>	3719 A -> T	1240 I -> N
	<i>MBP1</i>	1268 C -> A	423 stop codon