S1 Table. Adaptive mutation fixed in each evolved population at generation 375

Population	Gene	Nucleotide Change	Amino Acid change
P1	*SSN2*	3031 C -> T	1011 stop codon
P2	*SSN2*	2774 T -> G	925 I -> S
P3	*SSN8*	817 +T	273 stop codon
P4	*SSN3*	108 del	36 stop codon
P5	*SSN2*	2555 T -> A	852 stop codon
P6	*SRB7*	230 T -> G	77 I -> S
P7	*SSN2*	3258 C -> A	1086 stop codon
P8	*ESP1*	2537 C -> T	846 C -> Y
P9	*SSN3*	253 del	94 stop codon
P10	*SRB8*	4239 C -> G	1413 N -> K
P11	*NUT2*	134 C -> A	45 A -> D
P12	*SIN4*	2838 del	947 T -> L
P13	*SRB8*	3095 C -> A	1032 stop codon
	SMC3	3623 G -> A	1208 T -> M
P14	*SSN8*	197 A -> T	66 stop codon
P15	*SSN2*	3058 T -> A	1020 stop codon
	SMC1	1253 A -> C	418 Q -> P
	ESP1	3719 A -> T	1240 I -> N