

Supplementary Material

Supplementary Table 1. Single Nucleotide Variants detected in the sequenced colony UmH₂O₂.R-Col after adaptation to hydrogen peroxide. ^aMitochondrial genome.

SNP Location	Gene ID	Protein Name	Nucleotide Substitution	Amino acid Substitution
Chr01:2,430,690	UMAG_00813	FAD/NAD(P)-binding domain-containing protein	G > C	Gly56Arg
Chr08:464,088	UMAG_10823	Long chronological lifespan protein 2	T > A	Glu50Asp
Chr10:623,352	Intergenic	-	T > A	-
Chr18:330,272	UMAG_05545	Histone-lysine N-methyltransferase	C > A	Thr505Asn
Mt ^a :15,246	Intergenic	-	G > A	-