

Supplemental Materials

Molecular Biology of the Cell

Thorpe et al.

Supplementary Table 1. Survival and colony-forming ability of the wild type and respiratory mutants after treatment with 4 mM H₂O₂.

Cells of the wild type and mutants were grown in YEPD to OD₆₀₀ 4 and each culture was split into one control sample and one sample treated with 4 mM H₂O₂ for 60 minutes. Samples of treated and untreated cultures were diluted appropriately for plate counts on YEPD plates, and were also taken for propidium iodide staining to determine cell viability as indicated in the Materials and Methods.

Strain	% survival	% PI positively stained cells	
		H ₂ O ₂ treated	untreated
wt	57.4	0.2	0.2
ndi1	34.3	1.5	0.63
cor1	3.7	0.17	0.1
atp1	3.8	0.17	0.17
mrpl25	4.0	0.17	0.1
cbp3	11.9	0.2	0.3
nde1	3.9	0.17	0.37
cyt1	4.3	0.17	0.17
sdh1	29.4	0.1	0.13
coq1	29.1	0.17	0.1
rho0	14.9	0.47	0.47
cox6	16.5	0.2	0.2