

Table S7. Expression levels of genes involved in ergosterol biosynthesis

Adapted from SGD

		Public ID	Gene	<i>sch9Δ</i>	<i>tor1Δ</i>	<i>ras2Δ</i>
2 acetyl-CoA	←	ERG10	ERG10	1.00	1.12	1.18
acetoacetyl-CoA	←	ERG13	ERG13	1.18	1.17	1.26
3-hydroxy-3-methyl-glutaryl-CoA	←	HMG1	HMG1	1.47	1.65	1.59
mevalonate	←	HMG2	HMG2	1.01	1.11	1.41
mevalonate-5P	←	ERG12	ERG12	1.23	1.12	1.53
mevalonate-5-PP	←	MVD1/ERG19	ERG8	1.17	1.07	0.75
Δ ³ -isopentenyl-PP	←	IDI1	MVD1	0.62	0.89	1.22
dimethylallyl-pyrophosphate	←	ERG20	IDI1	0.87	0.84	0.61
geranyl-PP	←	ERG20	ERG20	1.01	1.19	0.80
trans,trans-farnesyl diphosphate	←	ERG9	ERG9	0.96	0.97	0.93
squalene	←	ERG1	ERG1	1.31	1.26	1.39
+O ₂ → (S)-2,3-Epoxy-squalene	←	ERG7	ERG7	0.84	0.69	1.00
lanosterol	←	ERG11	ERG11	1.48	1.38	1.38
4,4-dimethyl-cholesta-8,12,24-trienol	←	ERG24	ERG24	1.53	1.85	1.86
4,4-dimethyl-8,24-cholestadienol	←	ERG25	ERG25	2.33	2.59	2.02
4,4-methyl-8,24-cholestadienol	←	ERG26,27 (28)	ERG6	1.77	2.23	1.15
zymosterol	←	ERG6 (28)	ERG2	1.58	1.95	1.93
fecosterol	←	ERG3	ERG3	1.83	1.99	1.61
episterol	←	ERG2	ERG5	4.85	4.35	5.28
5,7,24(28)-ergostatrienol	←	ERG3	ERG4	0.63	0.78	0.80
5,7,22,24(28)-ergostatetraenol	←	ERG5	ERG26	0.75	0.99	1.15
ergosterol	←	ERG4	ERG27	1.24	1.23	1.07
	←	ERG4	ERG28	2.02	1.70	2.50

ATP → ADP (red arrow)

NADPH → NADP (blue arrow)