

**Supplementary Table S2.** Global gene expression changes compared to normal strains as a result of deleting genes involved in neutral lipid biosynthesis (expressed as a percentage or number of genes changed).

GO Category	<i>are1Δ are2Δ</i>		<i>dga1Δ lro1Δ</i>		<i>are1Δ are2Δ dga1Δ lro1Δ</i>	
	%	#	%	#	%	#
Amino Acid Metabolism	1.9	2	11.8	14	9.3	10
Carbohydrate Metabolism	3.8	4	5.0	6	3.7	4
Cell Cycle	1.9	2	3.4	4	5.6	6
DNA/RNA Metabolism	12.4	13	5.9	7	6.5	7
Iron Homeostasis	1.9	2	0.0	0	1.9	2
Lipid Metabolism	4.8	5	6.7	8	14.8	16
Protein/Ribosome Metabolism	5.7	6	4.2	5	4.6	5
Signal Transduction	1.0	1	0.8	1	3.7	4
Stress Response	1.0	1	3.4	4	2.8	3
Transcription	5.7	6	5.9	7	6.5	7
Transport	17.1	18	13.4	16	12.0	13
Unknown	42.9	45	39.5	47	28.7	31
Total Number of Genes Changed	100%	105	100%	119	100%	108