Table S6 Position weight matrices of the motifs enriched in the oxidative stress cluster. These motifs were

determined using the SCOPE server (http://genie.dartmouth.edu/scope/).

PWM: Similar to K31 from Kellis, M. et al., in Nature (2003), with p value 1.61x10⁻⁵ as determined by STAMP.

		, , , , , , , , , , , , , , , , , , , ,					•			
	m	t	k	а	S	t	а	а		
а	29	0	0	54	0	0	54	54		
С	25	0	0	0	32	0	0	0		
g	0	0	9	0	22	0	0	0		
t	0	54	45	0	0	54	0	0		

PWM: Similar to K25 with $7x10^{-5}$ from Kellis, M. et al., in Nature (2003), with p value $1.61x10^{-5}$ as determined by STAMP.

	С	n	С	g	g	m	
а	0	12	0	0	0	25	
С	49	8	49	0	0	24	
g	0	17	0	49	49	0	
t	0	12	0	0	0	0	