Table 4. Significant experiments for nocycling genes

Change	Reference	Experiment type	Experiment details
Up-regulated	Gasch (1)	Red/ox	105 min 1 mM menadione / 105min wt
Up-regulated	Gasch (1)	Red/ox	180 min 2.5 mM DTT/180min DTT pool
Up-regulated	Gasch (1)	Red/ox	120 min 2.5 mM DTT/120min DTT pool
Up-regulated	Gasch (1)	Red/ox	40 min 1.5 mM diamide / 40 min wt
Up-regulated	Gasch (1)	Red/ox	50 min 1.5 mM diamide / 50 min wt
Down-regulated	Gasch (1)	Red/ox	15 min 2.5 mM DTT/ 15min DTT pool
Up-regulated	Gasch (1)	Starvation	6 hr YNB-AA/6hr wt
Up-regulated	Gasch (1)	Starvation	10hr YPD 30C / 10h wt
Up-regulated	Gasch (1)	Starvation	1 d YPD 25C / 1d wt
Up-regulated	Gasch (1)	Starvation	2% EtOH/EtOH Carbon pool
Down-regulated	Natarajan (2)	Starvation	δgcn4 100 mM 3AT/δgcn4 100 mM 3AT δgcn4
Up-regulated	Jelinsky (3)	Alpha factor	G1 arrest - 0.3 uM α factor 120 min α factor/wt
Up-regulated	Roberts (4)	Alpha factor, pheromone	90 min α factor, 50 nM/90min wt
Up-regulated	Roberts (4)	Alpha factor, pheromone	120 min α factor, 50 nM/120 min wt
Down-regulated	Lyons (5)	Zinc	Replete vs. deficient zinc / 3 mM 61 nM
Down-regulated	Lyons (5)	Zinc	Replete vs. deficient zinc / 3 mM 76 nM
Down-regulated	Lyons (5)	Zinc	δzap1 excess vs. deficient zinc/ δzap1 3 mM δ zap1 61 nM
Down-regulated	Lyons (5)	Zinc	δzap1 excess vs. deficient zinc, δzap1 3 mM δzap1 76 nM
Up-regulated	Causton (6)	Others	Alkali 80'/0'
Down-regulated	Jelinsky (3)	Others	30 min 0.1% MMS/30 min wt

The 20 expression experiments in which the set of nocycling genes identified by our algorithm were significantly correlated. See $Results\ and\ Discussion$.

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