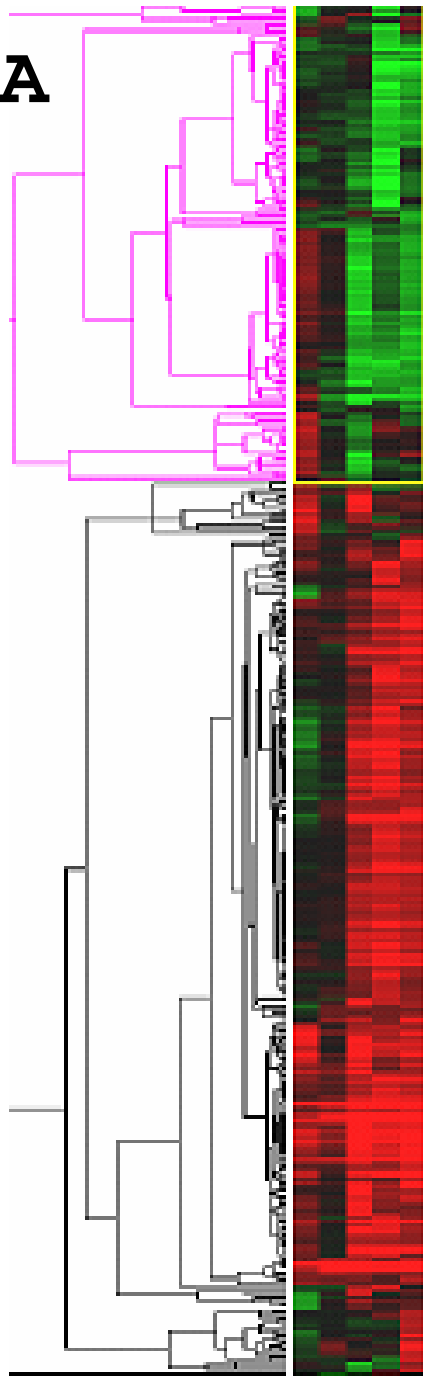


A

Additional data file 2. Self-organized tree of arsenite treated yeast experiments and table depicting the numbers of significant genes.

4h 100uM AsIII
 30min 100uM As
 2h 100uM AsIII
 30min 1mM AsIII
 30min 1mM AsIII

B

Differentially Expressed Genes: 3 out of 4 hybridizations

Experiments	95% Confidence Interval			99% Confidence Interval		
	UP	DOWN	Total	UP	DOWN	Total
30 min. 1mM AsIII replicate A	289	209	498 (8.3%)	150	58	208(3.3%)
30 min. 1mM AsIII replicate B	386	232	618 (10.3%)	211	66	277 (4.5%)
30 min. 100uM AsIII	68	44	112 (1.9%)	48	17	65 (1.04%)
2 hours 100uM AsIII	262	170	432 (7.2%)	84	33	117 (1.9%)
4 hours 100uM AsIII	190	75	265 (4.4%)	81	13	94 (1.5%)