

Fig S2

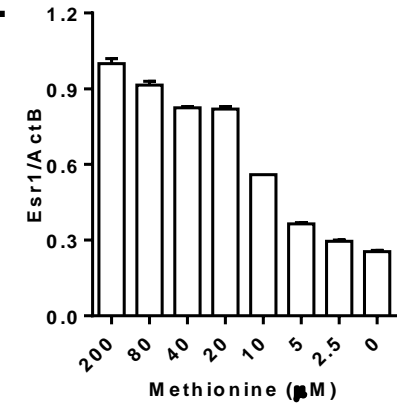
A.

Criteria for the specific gene response:

$\Delta\text{Log}_2(\$i) \geq 0.8$; $\Delta\text{Log}_2(\$j) < 0.5$, if the level of a probe is induced;
 $\Delta\text{Log}_2(\$i) \leq -0.8$; $\Delta\text{Log}_2(\$j) > -0.5$, if the level of a probe is repressed;
 $\$i$: The probe level of a targeted amino acid deprivation;
 $\$j$: The probe level of any other amino acid deprivation.

Treatment	Specificity		
	All	Up	Down
+AAs	0	0	0
-Gln	3	1	2
-His	2	1	1
-Ile	12	2	10
-Leu	0	0	0
-Val	3	0	3
-Phe	14	1	13
-Gly	0	0	0
-Arg	24	9	15
-Cys	2	1	1
-Lys	39	13	26
-Met	906	568	338
-Ser	10	10	0
-Thr	21	12	9
-Tyr	6	2	4
-Trp	19	4	15

B.



C.

