

Table S2 Global results of transcriptomic study**a.**

Genes differentially expressed	-	+
450 genes in HM/LM	243	207
213 genes in HC/LC	131	82
151 genes in HS/LS	100	51

H: high; L: low; M: methionine; C: cystine; S: sulfate.

b.

Genes differentially expressed	516	
	278 -	238 +
Unknown / Poorly defined	32.6%	28.3%
Miscellaneous metabolism	19.1%	6.3%
Sulfur metabolism	10.1%	0.8%
Cell organization	8.3%	2.5%
Stress	7.2%	0.4%
Sulfur related transport	6.5%	0.8%
Transport	6.1%	0.8%
Protein modification	4.7%	5.5%
Maintenance	2.2%	5.9%
Protein biosynthesis related	1.1%	44.1%
Amino acids bioynthesis	0.7%	2.5%
Catabolism	0.7%	0%
Transcription	0.7%	2.1%

The genes are classified according to gene ontology categories.