

Genes' group	Functional category	$n_{\text{genes per category}}$
200 genes with highest $V_{abs}$	<b>TRD (p=1.2e-4)</b>	32/96
	ENV (p=6.0e-2)	12/42
	UNK (p=6.7e-2)	79/79
200 genes with lowest $V_{abs}$	<b>REG (p=2.8e-3)</b>	23/73
	<b>TSP (p=1.1e-2)</b>	28/103
	<b>NRJ (p=2.7e-2)</b>	25/96
	<b>AMI (p=4.5e-2)</b>	11/36
200 genes with highest $V_{spec}$	<b>OTH (p=4.9e-4)</b>	33/107
	<b>UNK (p=5.4e-4)</b>	90/384
	TRD (p=7.9e-2)	23/96
200 genes with lowest $V_{spec}$	<b>NRJ (p=1.7e-6)</b>	36/96
	<b>TSP (p=5.3e-3)</b>	29/103
	<b>REG (p=2.7e-2)</b>	20/73
	<b>ENV (p=2.7e-2)</b>	13/42
	AMI (p=9.7e-2)	10/36

**Table S2: Functional enrichment for genes with highest or lowest specific or absolute protein synthesis rate.**

AMI: amino acid biosynthesis, ENV: cell envelope, NRJ: energy metabolism, OTH: other categories, REG: regulatory functions, TRD: translation, TSP: transport and binding proteins, UNK: unknown function.