

Function	Number of proteins	% of proteome	Correlated proteins	Correlated % of proteome
Translation	102	20.49	86	17.2
DNA maintenance	33	1.62	5	0.29
Signal Transduction	32	0.75	3	$4.53 \cdot 10^{-2}$
Amino Acid Metabolism	102	11.79	67	9.54
Carbohydrate Metabolism	130	24.71	30	6.16
Membrane Transport	88	8.88	17	2.01
Nucleotide Metabolism	61	6.48	38	4.75
Transcription	40	1.98	12	1.02
Other enzymes	57	2.23	16	0.64
Metabolism of Cofactors and Vitamins	51	1.93	25	1.1
Folding, Sorting and Degradation	88	6.95	39	2.66
Metabolism of Other Amino Acids	22	1.14	5	0.51
Glycan Biosynthesis and Metabolism	12	0.5	3	0.14
Energy Metabolism	38	4.5	14	1.16
NotMapped	3	0.24	1	$7.95 \cdot 10^{-2}$
Cytoskeleton	5	0.36	1	$3.84 \cdot 10^{-3}$
Cell Motility	8	0.91	1	0.39
Xenobiotics Biodegradation and Metabolism	4	$9.25 \cdot 10^{-2}$	1	$5.98 \cdot 10^{-2}$
Lipid Metabolism	29	3.08	6	0.78
Metabolism of Terpenoids and Polyketides	8	0.15	6	0.12
Vesicular transport	4	1.03	1	0.14
Signaling Molecules and Interaction	1	$1.77 \cdot 10^{-3}$	0	0
Cell Growth and Death	1	0.19	1	0.19