

Function	Number of proteins	% of proteome	Correlated proteins	Correlated % of proteome
Transcription	67	2.48	25	0.99
Carbohydrate Metabolism	130	18.83	42	3.36
Folding, Sorting and Degradation	96	6.76	44	4.16
Amino Acid Metabolism	99	8.6	59	5.75
Membrane Transport	74	8.16	12	0.14
Nucleotide Metabolism	61	4.72	36	3.09
Translation	111	10.42	71	7.84
NotMapped	645	24.54	171	8.26
Energy Metabolism	35	3.84	19	2
Lipid Metabolism	25	2.06	6	0.67
Metabolism of Other Amino Acids	21	0.95	13	0.76
Cytoskeleton	5	0.49	3	0.35
Metabolism of Cofactors and Vitamins	66	0.93	28	0.5
DNA maintenance	55	1.18	21	0.38
Cell Motility	5	0.8	1	$1.72 \cdot 10^{-3}$
Signal Transduction	33	0.98	8	$6.97 \cdot 10^{-2}$
Other enzymes	82	3.49	33	0.56
Glycan Biosynthesis and Metabolism	15	0.35	4	$5.72 \cdot 10^{-2}$
Xenobiotics Biodegradation and Metabolism	4	0.12	3	0.12
Not mapped	9	0.11	4	$1.24 \cdot 10^{-2}$
Metabolism of Terpenoids and Polyketides	16	0.16	10	0.12