

Function	Number of proteins	% of proteome	Correlated proteins	Correlated % of proteome
NotMapped	645	24.43	171	8.5
Carbohydrate Metabolism	129	18.52	44	4.67
Translation	112	10.74	82	9.37
Amino Acid Metabolism	99	9.05	66	6.71
Membrane Transport	75	7.68	14	0.16
Folding, Sorting and Degradation	96	6.8	40	2.95
Nucleotide Metabolism	61	4.85	37	3.25
Energy Metabolism	35	3.85	19	1.19
Other enzymes	82	3.46	28	0.52
Transcription	68	2.5	25	1.07
Lipid Metabolism	25	2.05	7	0.69
DNA maintenance	55	1.18	23	0.43
Metabolism of Other Amino Acids	21	1	12	0.76
Signal Transduction	33	0.98	7	$6.01 \cdot 10^{-2}$
Metabolism of Cofactors and Vitamins	67	0.95	28	0.35
Cell Motility	5	0.73	0	0
Cytoskeleton	5	0.5	3	0.36
Glycan Biosynthesis and Metabolism	15	0.35	3	$4.78 \cdot 10^{-2}$
Metabolism of Terpenoids and Polyketides	16	0.16	11	0.11
Xenobiotics Biodegradation and Metabolism	4	0.13	3	0.12
Not mapped	9	0.11	5	$1.48 \cdot 10^{-2}$