

Table 5: Percentage content of amino acid by organism

Organism	A	C	D	E	F	G	H	I	K	L	M	N	P	Q	R	S	T	V	W	Y
E. coli	9.5%	1.2%	5.1%	5.8%	3.9%	7.4%	2.3%	6.0%	4.4%	1.1e+01%	2.8%	3.9%	4.4%	4.4%	5.5%	5.8%	5.4%	7.1%	1.5%	2.8%
H. sapiens	6.9%	2.2%	4.8%	7.2%	3.6%	6.5%	2.6%	4.3%	5.8%	9.9%	2.2%	3.6%	6.2%	4.8%	5.6%	8.4%	5.5%	6.0%	1.2%	2.6%
S. cerevisiae	5.5%	1.3%	5.8%	6.5%	4.4%	5.0%	2.2%	6.6%	7.3%	9.5%	2.1%	6.2%	4.4%	3.9%	4.4%	9.0%	5.9%	5.6%	1.0%	3.4%
A. thaliana	6.3%	1.9%	5.4%	6.8%	4.3%	6.3%	2.3%	5.3%	6.4%	9.6%	2.4%	4.4%	4.8%	3.5%	5.4%	9.2%	5.1%	6.6%	1.2%	2.8%
D. melanogaster	7.4%	1.9%	5.2%	6.6%	3.3%	6.2%	2.6%	4.8%	5.5%	8.7%	2.2%	4.7%	5.8%	5.4%	5.5%	8.6%	5.9%	5.9%	0.92%	2.8%
C. elegans	6.3%	2.1%	5.3%	6.5%	4.8%	5.4%	2.3%	6.2%	6.3%	8.6%	2.7%	4.9%	4.9%	4.1%	5.1%	8.1%	5.9%	6.2%	1.1%	3.2%
M. musculus	6.8%	2.3%	4.8%	7.0%	3.7%	6.4%	2.6%	4.4%	5.7%	1e+01%	2.2%	3.6%	6.2%	4.8%	5.6%	8.6%	5.4%	6.1%	1.2%	2.7%
D. rerio	6.3%	2.1%	5.3%	7.2%	3.4%	6.0%	2.7%	4.5%	6.0%	9.2%	2.3%	4.0%	5.8%	5.0%	5.5%	9.2%	5.8%	6.1%	1.0%	2.6%
B. subtilis	7.7%	0.79%	5.2%	7.3%	4.5%	6.9%	2.3%	7.4%	7.1%	9.7%	2.8%	4.0%	3.7%	3.8%	4.1%	6.3%	5.4%	6.7%	1.0%	3.5%