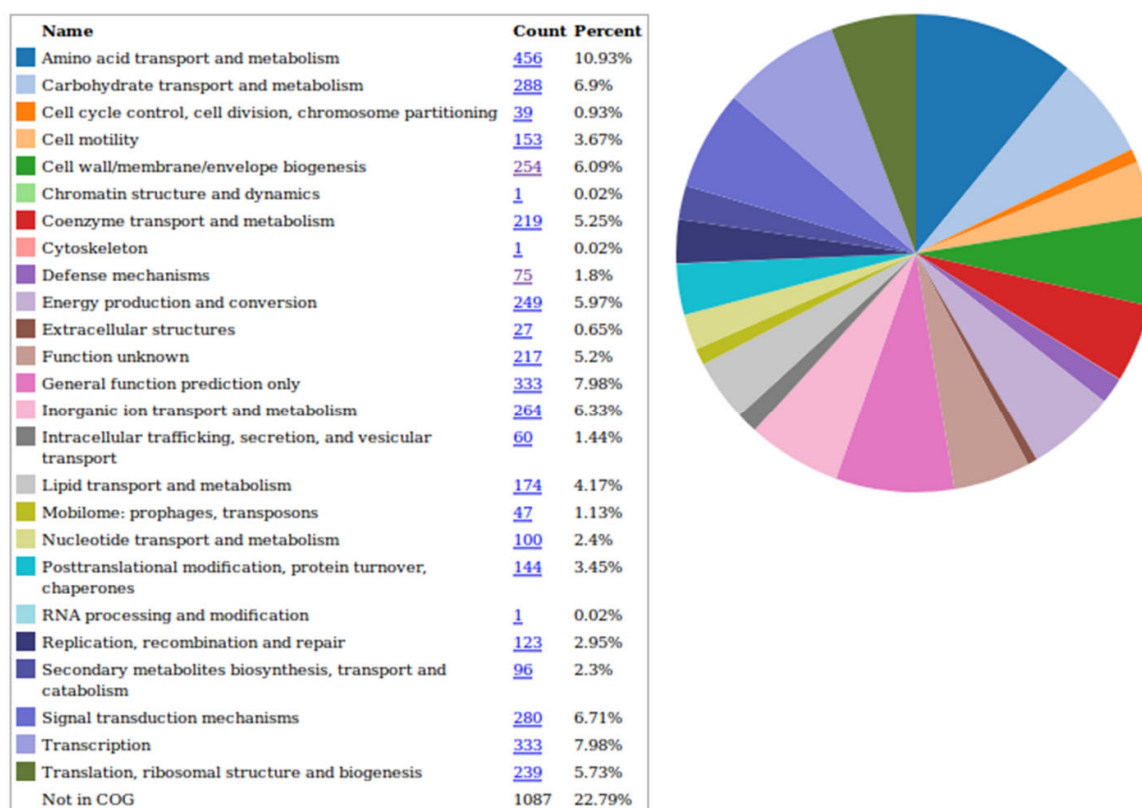
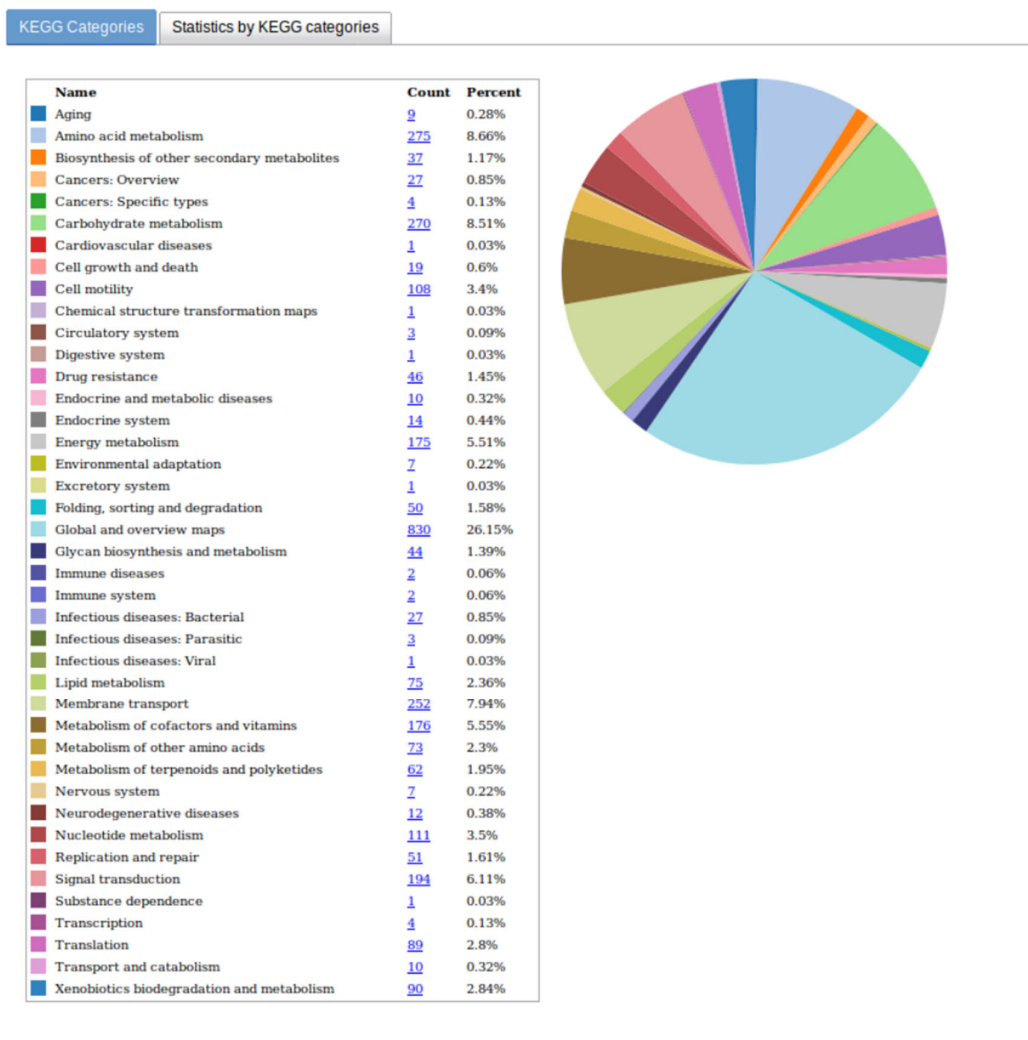


## Supplementary Data



**Figure S1.** Genes (number and percentage) in the CS51 genome related to COG categories.



**Figure S2.** Genes (number and percentage) in the CS51 genome related to KEGG categories.

**Table S1.** Genomic comparison of *P. psychrotolerans* CS51 with related species.

Annotation statistics	<i>P. psychrotolerans</i> CS51	<i>P. psychrotolerans</i> PRSO8	<i>P. aeruginosa</i>	<i>P. putida</i>	<i>P.syringae</i> pv. <i>Syringae</i>
Genome size (bp)	5,364,174	5,271,920	6,317,050	6,181,873	6,093,698
GC (%)	64.71	64.8	66.5	61.5	59.2
Total number of genes	4,859	4,753	5,980	5,786	5,220
Number of CDSs	4,771	4,657	5,980	5,564	5,089
Pseudogenes	88	NA	54	NA	NA
RNA	88	96	80	22	16
rRNA (5 S, 16 S, 23 S)	5, 5, 5	5,5,5	4, 4, 4,	NA	NA
rRNA genes	15	15	12	NA	NA
tRNA genes	67	68	64	75	64