

Overview of top 10 most abundant functions for each CL	% CL 1	% CL 2	% CL 3
Acriflavin resistance protein	4.63	5.81	7.04
High-affinity choline uptake protein BetT	2.37	3.38	3.26
Multicopper oxidase	2.31	3.77	3.57
RND efflux system, inner membrane transporter CmeB	2.85	5.79	7.74
Beta-lactamase	2.05	5.76	6.47
Carbon starvation protein A	1.58	2.73	2.53
Chromate transport protein ChrA	0.29	2.30	2.16
Cobalt-zinc-cadmium resistance protein CzcD	0.95	4.06	4.04
Inner membrane protein translocase component YidC, long form	0.80	2.26	2.06
RND efflux system, outer membrane lipoprotein CmeC	2.01	1.99	2.41
Rubryerythrin	1.59	2.27	1.96
Universal stress protein family	1.80	2.35	1.62
Conjugative transfer protein TrbB	2.55	0.26	0.24
Conjugative transfer protein TrbE	4.48	0.68	0.76
Inner membrane component of tripartite multidrug resistance system	4.50	0.90	1.28
Membrane fusion component of tripartite multidrug resistance system	2.12	0.55	0.84
Outer membrane component of tripartite multidrug resistance system	2.23	0.58	1.20
Probable Co/Zn/Cd efflux system membrane fusion protein	2.40	1.67	1.72

% reads of key functions from all functional reads

Functions found in all CL

Functions found in CL 2 and CL 3

Functions found in CL 3

Functions found in CL 2

Functions found in CL 1