

A

E-value	Bit-score	Matched proteins with InterPro annotation
10^{-5}	90	5,261
10^{-5}	120	4,120
10^{-5}	200	1,923

B

Biological Process GO:0008150	DeepSeaVent	DeepSeaVent vs Mytibase	Shared percentage
cell killing	12	6	50.0
immune system process	56	3	5.4
death	14	2	14.3
multicellular organismal process	39	6	15.4
cellular component biogenesis	318	175	55.0
cell wall organization or biogenesis	9	1	11.1
Cellular Component GO:0005575			
virion	63	1	1.6
macromolecular complex	1495	798	53.4
virion part	63	1	1.6
Molecular Function GO:0003674			
structural molecule activity	942	533	56.6
transporter activity	570	101	17.7
electron carrier activity	350	54	15.4
enzyme regulator activity	161	22	13.7
molecular transducer activity	110	6	5.5

Table 3A and 3B Bettencourt al. 2010