

activity	count in APD2	% in APD2	the number of hits on sponge genomes		
			<i>AQ</i>	<i>SC</i>	<i>XT</i>
Antibacterial Peptides	2,003	82.39	73	263	34
Antiviral Peptides	147	6.05	0	2	0
Antifungal Peptides	896	36.86	34	28	40
Antiparasitic Peptides	62	2.55	0	0	0
Anticancer/tumor Peptides	170	6.99	0	0	0
Anti-protist Peptides	4	0.16	0	0	0
Insecticidal Peptides	23	0.95	0	0	0
Spermicidal Peptides	10	0.41	0	0	0
Anti-HIV-1 Peptides	93	3.83	0	2	0
Antioxidant Peptides	12	0.49	0	0	0
Enzyme/protease inhibitory peptides	9	0.37	0	0	0
Chemotactic Peptides	50	2.06	0	0	0
total number of hits			107	295	74