

**S18 Table. BlastX homologous results of M01522:132:00000000-A4LNU:1:2109:13140:20960.1.**

	Specie ID	Max Score	Total Score	Query Cover	E-Value	Identification	Accession
M01522:132:00000000-A4LNU:1:2109:13140:20960.1	conserved hypothetical protein [Perkinsus marinus ATCC 50983]	82.4	82.4	0.86	3E-18	0.5	XP_002769198.1
	hypothetical protein Pmar_PMAR024486 [Perkinsus marinus ATCC 50983]	81.3	81.3	0.84	5e-16	0.51	XP_002767291.1
	hypothetical protein AN2428.2 [Aspergillus nidulans FGSC A4]	76.3	76.3	0.59	3e-14	0.57	XP_660032.1
	Zinc finger, RING/FYVE/PHD-type [Umbilicaria pustulata]	75.9	75.9	0.59	4e-14	0.54	SLM39322.1
	TPA: SH3 domain protein (AFU_orthologue; AFUA_2G13880) [Aspergillus nidulans FGSC A4]	75.1	75.1	0.65	7e-14	0.53	CBF86833.1
	hypothetical protein PDIP_78730 [Penicillium digitatum Pd1]	74.3	74.3	0.59	8e-14	0.6	XP_014532030.1
	hypothetical protein AOQ84DRAFT_435406 [Glonium stellatum]	74.7	74.7	0.77	1e-13	0.47	OCL14819.1
	hypothetical protein PENANT_c019G07953 [Penicillium antarcticum]	74.3	74.3	0.63	1e-13	0.59	OQD82820.1
	hypothetical protein K432DRAFT_348117 [Lepidopterella palustris CBS 459.81]	74.3	74.3	0.74	1e-13	0.49	OCK82894.1
	hypothetical protein BAUCODRAFT_392037 [Baudoinia panamericana UAMH 10762]	74.3	74.3	0.66	1e-13	0.48	XP_007674127.1