

Table S2

Query	Database	Hit	E value	Aligned site
Pcha Lw opsin APY20654.1 (382 aa)	Genome	scaffold53886_cov147	1e-56	75 - 206
		scaffold50064_cov139	5e-47	217 - 382
		scaffold36250_cov150	4e-32	1 - 97
	Transcript	TRINITY_DN15450_c0_g1_i2	0.0	1 - 282
		TRINITY_DN4241_c0_g1_i1	1e-53	278 - 382
Pcha Uv opsin APY20653.1 (385 aa)	Genome	scaffold54798_cov158	4e-103	1 - 341
	Transcript	No hit		