

**S5\_Table.** The unigenes of *H. marmoreus* putatively involved in the mTOR signaling pathway.

<b>EST ID</b>	<b>Gene name</b>	<b>E-value</b>	<b>Accession no.</b>	<b>Organism</b>	<b>KEGG ID</b>
comp1337_c0_seq1	EIF4E	0	EGN92279	<i>S. lacrymans</i>	-
comp215_c0_seq1	RP-S6e	0	XM_002469127	<i>P. placenta</i>	K02991
comp1541_c0_seq1	EIF4B	0	EGN99014	<i>S. lacrymans</i>	K03258
comp1302_c0_seq1	RHEB	0	XP_001879802	<i>L. bicolor</i>	K07208
comp14045_c0_seq1	mTOR	0	XP_001829483	<i>C. cinerea</i>	K07204
comp13536_c0_seq1	FRAPTOR	0	EGN96671	<i>S. lacrymans</i>	K07203
comp4335_c0_seq1	ERK1_2	0	EJF57847	<i>D. qualens</i>	K04371
comp1639_c0_seq1	ERK1_2	0	EGO03785	<i>S. lacrymans</i>	K04371
comp2926_c0_seq1	CPKC	0	XP_001876242	<i>L. bicolor</i>	K02677
comp1821_c0_seq1	GBL	0	EIN07757	<i>P. strigosozon</i> <i>ata</i>	K08266
comp2950_c1_seq2	MO25	0	EGO19930	<i>S. lacrymans</i>	K08272
comp5332_c0_seq2	PDPK1	0	EIN11732	<i>P. strigosozon</i> <i>ata</i>	K06276
comp6196_c0_seq1	ATG1	0	EIN14702	<i>P. strigosozon</i> <i>ata</i>	K08269
comp9766_c0_seq1	RPS6KB	8.0E-26	XP_001769870	<i>P. patens</i>	K04688
comp18380_c0_seq1	S6K1/2	0	XP_001881407	<i>L. bicolor</i>	-