

**Table S1. Primer used for amplification in qPCR assays.**

Gene name	Access	Sequence
<b>AIG1 family protein</b>	EH1_180390 (F)*	5'-TAACGATTCCAAAGGTCAAGAAA-3'
	EH1_180390 (R)*	5'-AAAAACACATGCACTTTGTCCATACT-3'
<b>EhRab8A</b>	EH1_199820 (F)	5'-TTGTTGGAAATAAGTGTGATG-3'
	EH1_199820 (R)	5'-GATTCAGTTGGTTGGGTTT-3'
<b>WH2 motif domain containing protein</b>	EH1_050810 (F)	5'-TACACCACAACCAAAAGACA-3'
	EH1_050810 (R)	5'-CTTTAACATCAGTGCTTCCA-3'
<b>Heat shock protein 70</b>	EH1_123490 (F)	5'-AACAAAGACAAGTTATTTACACAC-3'
	EH1_123490 (R)	5'-CCTCCACCAAAATCAAACAC-3'
<b>Glyceraldehyde-3-phosphate dehydrogenase</b>	EH1_008200 (F)	5'-ATTAAAATATGATACCGTCCACAGA-3'
	EH1_008200 (R)	5'-TTCAACAACATAATCAACTCCAA-3'
<b>Amoebapore A</b>	EH1_159480 (F)	5'-GCAACCTTTGCACTGGACTT-3'
	EH1_159480 (R)	5'-GCATTGGCATCAACTTTGTC-3'
<b>Amoebapore B</b>	EH1_194540 (F)	5'-TTGATGGTGCTCAAGCTGTT-3'
	EH1_194540 (R)	5'-CTTTTCGCAAACAACGACTG-3'
<b>Amoebapore C</b>	EH1_118270 (F)	5'-TCCTGTTTGTACATCACTTGTGTTGG-3'
	EH1_118270 (R)	5'-GCACAGAGTGTTTCAAGATAATCAGTTAC-3'
<b>Cysteine proteinase 5</b>	EH1_168240 (F)	5'-GCTGCTATGACTGAGGCTGA-3'
	EH1_168240 (R)	5'-TGATCCACATGATGCTTGGT-3'
<b>Gal-lectin 35kDa</b>	EH1_035690 (F)	5'-TGCACATGTCCAATGTGTTG-3'
	EH1_035690 (R)	5'-CCATGCATTTCACTTTTGGTT-3'
<b>Gal-lectin subunit Igl2</b>	EH1_065330 (F)	5'-GCCAGAAAAGCAACTGATGGT-3'
	EH1_065330 (R)	5'-TGCTTCAGTTGCACTACACC-3'
<b>Gal-lectin light subunit</b>	EH1_148790 (F)	5'-GCACTAAAAACTCCACTCTCAGC-3'
	EH1_148790 (R)	5'-TTGCTGATACGTCTGATGGAC-3'
<b>Glyceraldehyde-3-phosphate dehydrogenase</b>	EH1_008200 (F)	5'-ATTAAAATATGATACCGTCCACAGA-3'
	EH1_008200 (R)	5'-TGAGTAGCAGTAGTAGCATGAATAGTT-3'

\* F = Forward

\* R = Reverse