

**Table S2:** Expression stability of seven candidate reference genes for tick midguts as calculated by Bestkeeper,  $\Delta\Delta C_t$  values, and NormFinder.

Rank	Bestkeeper		$\Delta\Delta C_t$		NormFinder	
	Gene	SD	Gene	SD	Gene	Stability
1	Histone H3	0.25	Histone H3	0.31	Calreticulin	0.058
2	GADPH	0.70	GADPH	0.55	HSP	0.088
3	Actin	0.78	Ubiquitin	0.78	Histone H3	0.175
4	Calreticulin	0.86	Calreticulin	1.69	Actin	0.217
5	HSP	0.90	HSP	2.37	GST	0.375
6	Ubiquitin	1.08	Actin	2.60	Ubiquitin	0.570
7	GST	1.11	GST	10.75		