

Table S4

. Kruskal-Wallis test of differences in parasite localization in *A. stephensi* (As), *A. gambiae* (Ag) and *A. gambiae* silenced for *TEP1* (Ag^{TEP1KD}) between the indicated time points after infection (hpi).

Ookinete position	Kruskal Wallis test			<i>P</i> value
	18-20 hpi	21-23 hpi	24-25 hpi	
As				
blood meal	ns	ns	ns	0.5852
cell layer	ns	ns	ns	0.1077
basal lamina	> 21-23 hpi	< 18-20 hpi	>21-23 hpi < 24-25 hpi	0.0005
Ag				
blood meal	ns	>24-25 hpi	< 21-23 hpi	0.0369
cell layer	ns	< 24-25 hpi	> 21-23 hpi	0.0634
basal lamina	ns	< 24-25 hpi	> 21-23 hpi	0.0415
Ag^{TEP1KD}				
blood meal	> 24-25 hpi	ns	< 18-20 hpi	0.044
cell layer	< 24-25 hpi	ns	> 18-20 hpi	0.0499
basal lamina	ns	ns	ns	0.6019

