

**Table S3.** Kruskal-Wallis test of differences in ookinete localization between *A. gambiae* (*Ag*) and *A. gambiae* with silenced *TEP1* (*Ag<sup>TEP1KD</sup>*) at the indicated time points post infection (hpi).

Ookinete distribution	Kruskal Wallis test		
	<i>Ag</i>	<i>Ag<sup>TEP1KD</sup></i>	<i>P</i> value
<b>18-20 hpi</b>			
blood Meal	ns	ns	0.2186
cell Layer	< <i>Ag<sup>TEP1KD</sup></i>	> <i>Ag</i>	0.0418
basal Lamina	ns	ns	0.8842
<b>21-23 hpi</b>			
blood Meal	> <i>Ag<sup>TEP1KD</sup></i>	< <i>Ag</i>	0.064
cell Layer	< <i>Ag<sup>TEP1KD</sup></i>	> <i>Ag</i>	0.0826
basal Lamina	ns	ns	0.4561
<b>22-25 hpi</b>			
blood Meal	> <i>Ag<sup>TEP1KD</sup></i>	< <i>Ag</i>	0.0049
cell Layer	< <i>Ag<sup>TEP1KD</sup></i>	> <i>Ag</i>	0.0217
basal Lamina	ns	ns	0.5752