



**Figure S3. Tsl is required for phagocytosis of *S. aureus* particles in male flies.**

Adult males were infected with killed *S. aureus* conjugated to the pH sensitive fluorophore pHrodo. Haemocytes that have phagocytosed the bacteria were identified by fluorescence.  $tsI^{\Delta}$  mutants phagocytosed significantly fewer *S. aureus* bacteria than the  $tsI^{\Delta/+}$  control flies ( $p=0.029$ ). Each datapoint represents the phagocytic index measured from an individual infected fly abdomen. Horizontal lines and error bars on each scatterplot represent the mean phagocytic index values  $\pm 1$  standard error ( $n=14$ ,  $*p<0.05$ ).