



**Figure S4 Analysis of germarial phenotypes in *ote*<sup>-/-</sup> and *ote*<sup>-/-</sup>, *P[hsp70:lemd]* ovaries.** Shown is a graph of quantified germarial phenotypes in ovaries obtained from two-day old females that did not receive (N) or received (Y) heat shock treatments during development. Wild type (wt) GSC number (gray) corresponds to germaria with one to three GSCs adjacent to the niche and differentiating germ cells. GSC loss (green) corresponds to germaria that have a complete absence of GSCs or germ cells in the germaria. GSC expansion (red) corresponds to germaria with more than five GSC-like cells and the absence of differentiating germ cells. The ovary genotypes are shown below each pair of bars. The number of germaria analyzed for each genotype and treatment is indicated above the bars. Data were obtained from at least two independent experiments.