**Table S1.** Egg chambers degenerate abnormally when *Diap1* is expressed in the ovary

|  |  |  |  |
| --- | --- | --- | --- |
| **Genotype** | **# ovarioles5** | **# Degen6** | **# PWOPs7** |
| Control (*Atg7*)1 | 1034 | 189 | 0 |
| *nos-Diap1* (*Atg7*)2 | 285 | 0 | 361 |
| Control (*Atg1*)3 | 725 | 78 | 0 |
| *nos-Diap1* (*Atg1*)4 | 472 | 0 | 523 |

1Control siblings from *Atg7* cross. 2*nos-Gal4 UASp-Diap1* siblings from *Atg7* cross. The *UASp-Diap1* J4-1 transgenic line was used in this experiment.3Control siblings from *Atg1 GLC* cross. 4 *nos-Gal4 UASp-Diap1* siblings from *Atg1 GLC* cross. The *UASp-Diap1* J12-2 transgenic line was used in this experiment.5 Number of ovarioles examined. 6 Number of egg chambers degenerating normally .7 Number of egg chambers degenerating with undead (PWOP) phenotype.