The effect of a pro-aging gene, methuselah, on the aging of the germ-line stem cells of *drosophila melanogaster*

Aging of stem cells is characterized by a slowed rate of division. Mutations in a pro-aging gene, Methuselah, have been shown to inhibit aging, resulting in a sustained rate of division for these cells. In order to localize the action of methuselah in germ-line stem cells, we selectively expressed the protein in each of the three cell types in the drosophila testis.