Wild Type G3

- Small Cages
  - Fraction of survival
  - Day
  - P = 0.6579 (ns)

- Large Cages (before p.e.)
  - Fraction of survival
  - Day
  - P = 0.113 (ns)

- Large Cages (after p.e.)
  - Fraction of survival
  - Day
  - P = 0.0483 (*)

Ag(GFS)1

- Small Cages
  - Fraction of survival
  - Day
  - M: F: P = 0.0486 (*)

- Large Cages (before p.e.)
  - Fraction of survival
  - Day
  - M: F: P = 0.317 (ns)

- Large Cages (after p.e.)
  - Fraction of survival
  - Day
  - M: F: P = 0.0486 (*)

Legend:
- Males (M)
- Females (F)
- Ag(GFS)1 Homozygous males & females (+/+)

Small cage

Adult Survival Assay

Ag(GFS)1 release experiments in indoor large cages

Before population assay

Day 233 and 311

After population assay
Supplementary Figure 3. Wild-type G3 and Ag(QFS)1 adult survival curves in small and large cages. a) Wild-type (left) and Ag(QFS)1 heterozygous (right) adults were monitored for both the male (blue) and female (red) daily survival in small cages, and large cages assessed before and after the population experiments (p.e.) (b). Ag(QFS)1 homozygotes males and females (black) were also monitored in small cages (top, right) and large cages before the population experiments were conducted (middle, right). Shading represents the 95% Confidence Intervals. The statistical significance of the median survival (grey dotted lines) was determined using the Kruskal-Wallis nonparametric test.