**ADDITIONAL FILE 7:**

Table S5. Summary of observed versus expected number of TH-Gal4; parkin null transheterozygotes.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Genotype** | **Total**  | **Estimated** | **Observed-1** | **Observed-2** |
| TH/TH; parkin-/parkin- | 80 | 20 | 0 | 0 |
|  TH/TH; parkin-/TM6B | 80 | 40 | 22 | 24 |
|  TH/TH; TM6B/TM6B | 80 | 20 | 0 | 0 |

Estimated and observed number of flies for the indicated genotypes shown. A total of 80 flies were analyzed in two independent crosses indicated as ‘Observed-1’ and ‘Observed-2’.