**Supplementary File 2: Table listing all genotypes and experimental conditions used by figure panel.** (Note that only female genotypes are listed though both sexes were included in our analyses)

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| **Fig.** | **Panel** | **Genotype** | **Conditions** |
| 1 | B | *Canton S* | Raised at 25oC |
| 1 | C | *Canton S* | Raised at 25oC |
| 1 | I | *;;ptc-lacZ* | Raised at 25oC |
| 2 | A, B | *;hh-sfGFP/+;* | Raised at 25oC |
| 3 | A, B, D | *y,w,hsflp122/+, Tub-Gal4, UAS-nls.GFP; FRT42D, Tub-Gal80 /FRT42D, ptcS2;* | Raised at 25oC before and after heat shocking. See Mosaic analysis for more detail. |
| 3 | C | *Canton S* | Raised at 25oC |
| 3 | E | *ey-Gal80; Gal80ts; R27G05-Gal4/UAS-CD8::GFP* | Raised at 18oC till late-L1, then shifted to 29oC for 72 hours |
| 3 | F | *ey-Gal80; Gal80ts; R27G05-Gal4/UAS-Cirep* | Raised at 18oC for 12 days and 21 hours, then shifted to 29oC for 12 hours |
| 3 | G | *ey-Gal80; Gal80ts; R27G05-Gal4/UAS-CiRNAi* | Raised at 18oC for 12 days, then shifted to 29oC for 24 hours |
|  |  |  |  |
| 4 | A-C | *Canton S* | Raised at 25oC |
| 4 | D-F | *ey-Gal80; Gal80ts; R27G05-Gal4/UAS-Cirep* | Raised at 29oC |
| 4 | G-I | *ey-Gal80; Gal80ts; R27G05-Gal4/UAS-Cirep* | Raised at 25oC |
| 5 | A | *y,w;;hhts2/+ (24hrs ts)* | Raised at 18oC for 13 days, then shifted to 29oC for 24 hours |
| 5 | B | *y,w;;hhts2* | Raised at 18oC for 14 days |
| 5 | C | *y,w;;hhts2 (6h ts)* | Raised at 18oC for 13 days, then shifted to 29oC for 6 hours |
| 5 | D | *y,w;;hhts2 (12h ts)* | Raised at 18oC for 12 days and 21 hours, then shifted to 29oC for 12 hours |
| 5 | E | *y,w;;hhts2 (24h ts)* | Raised at 18oC for 12 days, then shifted to 29oC for 24 hours |
| 5 | F | *y,w;;hhts2 (45h ts)* | Raised at 18oC for 11 days, then shifted to 29oC for 45 hours |
| 5 | G | *y,w;;hhts2 (72h ts)* | Raised at 18oC for 10 days, then shifted to 29oC for 72 hours |
| 6 | A | *;;ry503, hhP30* | Raised at 25oC |
| 6 | B | *w\*; GMR>+* | Raised at 29oC |
| 6 | C | *w\*; GMR>hhRNAi* | Raised at 29oC |
|  |  |  |  |
| 1-fig. supp. 1 | G-K | *Canton S* | Raised at 25oC |
| 3-fig. supp. 1 | A | *y,w,hsflp122/+, Tub-Gal4, UAS-nls.GFP; FRT42D, Tub-Gal80 /FRT40A, smo3;* | Raised at 25oC before and after heat shocking. See Mosaic analysis for more detail. |
| 3-fig. supp. 1 | B | *ey-Gal80; Gal80ts; R27G05-Gal4/UAS-CD8::GFP* | Raised at 18oC till late-L1, then shifted to 29oC for 72 hours |
| 4-fig. supp. 1 | A | Same as 3E | Same as 3E |
| 4-fig. supp. 1 | B | Same as 3F | Same as 3F |
| 4-fig. supp. 1 | C | *ey-Gal80; Gal80ts; R27G05-Gal4/UAS-Cirep* | Shifted to 25oC |
| 5-fig. supp. 1 | A-E, F- J | Same as 5A-G | Same as 5A-G |