**Table S5A**: Fly strains used in genetic cross experiments.

<table>
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<th>Gene</th>
<th>Source</th>
<th>Stock / transformant number</th>
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<td>dsh</td>
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<td>w[*]; P[w+[mC]=UAS-dsh.myc]1-16</td>
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<td>Expresses wild type dsh under UAS control</td>
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<td>nmo</td>
<td>Vienna     104885/KK</td>
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<td>Expresses dsRNA for RNAi of arm (FBgn0000117) under UAS control, TRiP</td>
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### Gal4 Insert

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1- Comments from Bloomington, except for UAS-arm, which was extracted from Flybase.
Table S5B: Eclosion Rate Experimental Details

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