Table S1  Fly stocks used in experiments.

<table>
<thead>
<tr>
<th>Abbreviated name</th>
<th>Genotype</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>HS&gt;GAL4, UAS&gt;CapH2</td>
<td>W*;HS83-GFP-LacI, LacO (60F);Hsp70-GAL4, EY09979</td>
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<tr>
<td>HS&gt;GAL4</td>
<td>W*;HS83-GFP-LacI, LacO (60F);Hsp70-GAL4</td>
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<tr>
<td>CapH2-eGFP</td>
<td>UAS-CapH2-eGFP.1</td>
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<tr>
<td>CapH2-deltaC23-eGFP</td>
<td>UAS-CapH2-ΔC23-eGFP.3</td>
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<tr>
<td>C57 GAL4</td>
<td>P(GawB)C57</td>
<td>Wallrath Lab</td>
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<tr>
<td>HS&gt;GAL4</td>
<td>W*;HS83-GFP-LacI, LacO (60F);Hsp70-GAL4</td>
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<tr>
<td>UAS&gt;CapH2</td>
<td>UAS-CapH2-eGFP.1</td>
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<tr>
<td>GFP-Nup107</td>
<td>W*; P[w[+mc]=GFP-Nup107.k]9.1</td>
<td>Bloomington; #35514</td>
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<tr>
<td>GFP-Nup107; HS&gt; GAL4</td>
<td>W*; P[w[+mc]=GFP-Nup107.k]9.1; EY09979, Hsp70-GAL4</td>
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<tr>
<td>UAS-progerin</td>
<td>W*;Δ150S127;Tm6B/MR15</td>
<td>Tree Lab</td>
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<tr>
<td>43B-GAL4</td>
<td>W*;P(GawB)43B</td>
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<td>Lacl-LamC</td>
<td>W[+], hs-act-LacO-hsp26/plant-hsp70/white-4DS; Lacl-Lamin C</td>
<td>Wallrath Lab</td>
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<tr>
<td>UAS-GFP.nls</td>
<td>W[1118]; P[w[+mc]=UAS-GFP.nls]8</td>
<td>Bloomington; #4776</td>
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<tr>
<td>RPG-Nup107, H2Av-GFP</td>
<td>W*[E8]/CyO; P[w[+mc]=mRFP-Nup107.K7.1, P[w[+mc]=His2Av[T:Avic(GFP-S65T)]62A</td>
<td>Bloomington; #35518</td>
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</tbody>
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