

Table S2. Primers used in this study (Related to the STAR Methods)

Primer for <i>Drosophila TopoII</i> Forward: CACAGCGACAGAAGCATCAT Reverse: ACGGATCCGATGTACGAGTC	This paper	N/A
Primer for <i>Drosophila Mtk</i> Forward: CCACGGCTACATCAGTGCT Reverse: CGGTCTTGTTGGTTAGGAT	This paper	N/A
Primer for <i>Drosophila DptB</i> Forward: CTGGCATATGCTCCCAATTT Reverse: GCTCAGATCGAATCCTTGCT	This paper	N/A
Primer for <i>Drosophila AttC</i> Forward: ACTGACCAAACCCATACGC Reverse: CTTGGCATCCAGATTGTGAA	This paper	N/A
Primer for <i>Drosophila DptA</i> Forward: ACAATGGACGCCACGAGATT Reverse: CCACTTTCCAGCTCGTTCT	This paper	N/A
Primer for <i>Drosophila Drosocin</i> Forward: ATCACCTGACTCAAGCTGCC Reverse: GGATGACTTCTCCGCGGTAT	This paper	N/A
Primer for <i>Drosophila CecA2</i> Forward: TCTGGCCATCACCATTGGAC Reverse: GTGTGCTGACCAACACGTTT	This paper	N/A
Primer for <i>Drosophila Hsp23</i> Forward: TGCCCTTCTATGAGCCCTAC Reverse: TCCTTTCCGATTTTCGACAC	This paper	N/A
Primer for <i>Drosophila Hsp26</i> Forward: AGTTCAAGCCCAGTGAGCTC Reverse: ACAAAGTGGCGCATGATGTG	This paper	N/A
Primer for <i>Drosophila Hsp27</i> Forward: GACTGGGTCGTGCTGTTAT Reverse: ACACCTGGAAGCCATCTTTG	This paper	N/A
Primer for <i>Drosophila Hsp68</i> Forward: AGCAGCGAGATCAAGGATGT Reverse: GAAGGTCTTGACTGCTTGC	This paper	N/A
Primer for <i>Drosophila Hsp70Aa</i> Forward: CGATCCGGCTAAGAACCAGG Reverse: GTGCTTCATGTCCTCTGCGA	This paper	N/A
Primer for <i>Drosophila Hsp90 (Hsp83)</i> Forward: CAAGCAGCTGGTCTCTGTCA Reverse: TCGAACTTGGCCTTGTCTC	This paper	N/A
Primer for <i>Drosophila Hsf</i> Forward: ATGTGAAAGTCATGCGGGGT Reverse: CCACAGCACTTCGTTCTCT	This paper	N/A
Primer for <i>Drosophila H2Av</i> Forward: CAAAATAGGCATTCCCATCG Reverse: GCCAGCCATTTCTGTTCAAT	This paper	N/A
Primer for <i>Drosophila Ku80</i> Forward: CCTGTACCTCCTGGTGCAT Reverse: GGGCAGTAGCACAACCATTT	Lopez-Gonzalez et al., 2019	N/A
Primer for <i>Drosophila ATM</i> Forward: AAGGGCTAGTCGAGAATGA Reverse: TTTAACTTGCCAGCGCTTTT	This paper	N/A
Primer for <i>Drosophila p53</i> Forward: ACATGAGCCGGTCTGTAACC Reverse: TTTCTTTTCGCCGATACAC	This paper	N/A
Primer for <i>Drosophila poly(GR)</i> Forward: CTGCAACTACTGAAATCTGCCA Reverse: CGTCGTCGTCCTTGAATCCA	Yuva-Aydemir et al., 2019	N/A
Primer for <i>Drosophila Actin42A</i> Forward: TCTTACTGAGCGCGGTTACAG	This paper	N/A

Reverse: ATGTCGCGCACAAATTCAC		
Primer for <i>Human TopoIIβ</i> Forward: ACCTGGGTGAACAATGCTGC Reverse: ACCTCCCTGCAATTCATTCCT	This paper	N/A
Primer for <i>Human HSP90AA1</i> Forward: AGGAGGTTGAGACGTTTCGC Reverse: AGAGTTTCGATCTTGTGTTGTTCCGG	This paper	N/A
Primer for <i>Human GAPDH</i> Forward: CGAGATCCCTCCAAAATCAA Reverse: GTCTTCTGGGTGGCAGTGAT	This paper	N/A
Primer for <i>Human HPRT</i> Forward: ATGGACAGGACTGAACGTCTT Reverse: CTTGAGCACACAGAGGGCTA	This paper	N/A
Control ASO: mG*mC*mG*mA*mC*T*A*T*A*C*G*C*G*C*A*mA*mU*mA*mU*mG	This paper	N/A
<i>HSP90AA1</i> ASO-1: mU*mU*mU*mU*mC*T*T*C*A*G*C*C*T*C*A*mU*mC*mA*mU*mC	This paper	N/A
<i>HSP90AA1</i> ASO-2: mC*mC*mU*mC*mA*G*C*C*A*G*A*G*A*T*T*mA*mG*mU* mC*mU	This paper	N/A
<i>TopoIIβ</i> ASO-1: eA*eG*eC*eA*eG*G*T*C*T*G*T*A*G*T*T*eT*eG*eT*eA*eA	This paper	N/A
<i>TopoIIβ</i> ASO-2: eG*eA*eA*eT*eG*T*C*T*G*C*A*A*G*eT*eT*eT*eC*eA	This paper	N/A
Primer for <i>HSP90AA1</i> ChIP, amplicon 1 Forward: gttcgggaggcttctggaaa Reverse: gggacgctgaagcaactga	This paper	N/A
Primer for <i>HSP90AA1</i> ChIP, amplicon 2: Forward: aatggcagaaactgcggttag Reverse: ctttgctgtttccttctg	This paper	N/A
Primer for <i>HSP90AA1</i> ChIP, amplicon 3: Forward: acattaaagatggggcctga Reverse: cttgttttggggacctca	This paper	N/A