

**Table S3: List of *C. elegans* strains used in this study:**

<b>Strain</b>	<b>Abbreviated Name</b>	<b>Details</b>
N2	WT	N2 Bristol or wild-type strain
PD4666	<i>phlh-8::gfp</i>	<i>ayls6[hlh::GFP fusion + dpy-20(+)]</i>
WU1598	<i>hlh-30(oe)</i>	<i>hlh-30p::hlh-30::RFP</i> in <i>hlh-30(lf)</i> with <i>rol-6(su1006)</i> co-injected as marker
WU1617	<i>hlh-30mNLS(oe)</i>	<i>hlh-30p::hlh-30mNLS::RFP</i> in <i>hlh-30(lf)</i> with <i>rol-6(su1006)</i> co-injected as marker
WU1761	<i>ragc-1(oe) hlh-30(lf)</i>	<i>ragc-1p::ragc-1</i> in <i>hlh-30(lf)</i> with <i>sur5::GFP</i> co-injected as marker
WU1838	<i>nhr-31(oe) hlh-30(lf)</i>	<i>nhr-31p::FLAG3X::nhr-31</i> in <i>hlh-30(lf)</i> with <i>sur5::GFP</i> co-injected as marker
WU1874	<i>ragc-1(oe)</i>	<i>ragc-1p::ragc-1</i> in N2 with <i>sur5::GFP</i> co-injected as marker
WU1875	<i>hlh-30(oe) lip1-2(lf)</i>	<i>hlh-30p::hlh-30::RFP</i> in <i>lip1-2(lf)</i> with <i>rol-6(su1006)</i> co-injected as marker
WU1876	<i>phlh-8::gfp;hlh-30(lf)</i>	<i>ayls6 [hlh::GFP fusion + dpy-20(+)]</i> ; <i>hlh-30(tm1978)</i>