

Title: Identification of healthspan-promoting genes in *Caenorhabditis elegans* based on a human GWAS study

Journal: Biogerontology

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ESM_3: Overview of *C. elegans* strains used in this study

Strain	Genotype	Reports for	Positive controls to validate reporter strain assays
N2 Bristol	wild type	-	-
RW1596	<i>myo-3(st386); stEx30 [myo-3p::GFP::myo-3 + rol-6(su1006)]</i>		
GA410	<i>wuls56[sod-3p::GFP::pRF4(rol-6(su1006))]</i>	DAF-16	Heat stress (2h at 37°C)
TJ375	<i>gpls1[hsp-16-2p::GFP]</i>	HSF-1	Heat stress (2h at 37°C)
SJ4100	<i>zcls13[hsp-6p::GFP]</i>	mtUPR	<i>nuo-2</i> RNAi
SJ4005	<i>zcls4 [hsp-4p::GFP]</i>	erUPR	<i>mdt-15</i> RNAi