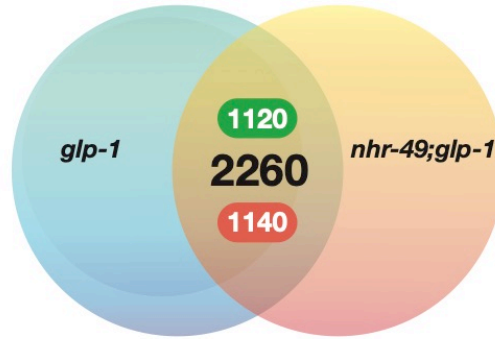
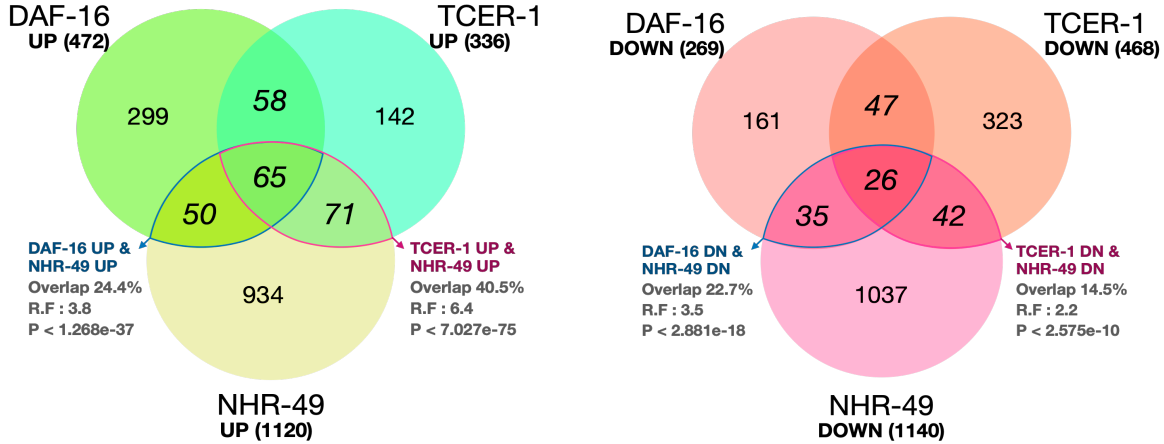


(S1a) Strains compared by RNA-Seq in present study



(S1b) Comparison of NHR-49 targets with DAF-16 and TCER-1 targets in *glp-1* mutants



(S1c) NHR-49 UP genes (this study) with previously-identified roles in *glp-1* longevity (Amrit et al., PLoS Gen. 2016)

Wormbase Gene ID	Public Name	Overlapping Group	Avg. % Suppression of Lifespan
WBGene00000966	<i>dhs-2</i>	DAF-16 & TCER-1 UP	-14
WBGene00000981	<i>dhs-18</i>	DAF-16 & TCER-1 UP	-12
WBGene00001387	<i>far-3</i>	DAF-16 & TCER-1 UP	-12
WBGene00001500	<i>ftn-1</i>	DAF-16 & TCER-1 UP	-18
WBGene00001777	<i>gst-29</i>	DAF-16 & TCER-1 UP	-15
WBGene00004818	<i>skr-12</i>	DAF-16 & TCER-1 UP	-22
WBGene00004994	<i>spp-9</i>	DAF-16 & TCER-1 UP	-12
WBGene00004997	<i>spp-12</i>	DAF-16 & TCER-1 UP	-14
WBGene00007140	<i>cyp-29A4</i>	DAF-16 & TCER-1 UP	-15
WBGene00010706	<i>cyp-14A2</i>	DAF-16 & TCER-1 UP	-17
WBGene00011362	<i>cest-1.1</i>	DAF-16 & TCER-1 UP	-19
WBGene00013904	<i>ugt-6</i>	DAF-16 & TCER-1 UP	-21
WBGene00017390	F12A10.1	DAF-16 & TCER-1 UP	-11
WBGene00020413	T10E9.3	DAF-16 & TCER-1 UP	-22
WBGene00020909	W01A11.1	DAF-16 & TCER-1 UP	-17
WBGene00000975	<i>dhs-12</i>	DAF-16 UP	-17
WBGene00003473	<i>mtl-1</i>	DAF-16 UP	-22
WBGene00012404	Y6G8.2	DAF-16 UP	-18
WBGene00014030	<i>glb-1</i>	DAF-16 UP	-15
WBGene00021491	<i>comt-4</i>	DAF-16 UP	-11
WBGene00000982	<i>dhs-19</i>	TCER-1 UP	-22
WBGene00000986	<i>dhs-23</i>	TCER-1 UP	-20
WBGene00000988	<i>dhs-25</i>	TCER-1 UP	-21
WBGene00007362	<i>cyp-35C1</i>	TCER-1 UP	-17
WBGene00007848	<i>cytb-5.1</i>	TCER-1 UP	-21
WBGene00007963	<i>cyp-25A1</i>	TCER-1 UP	-10
WBGene00008499	<i>cyp-37A1</i>	TCER-1 UP	-22
WBGene00010659	K08D8.5	TCER-1 UP	-15
WBGene00011830	<i>cyp-29A2</i>	TCER-1 UP	-10
WBGene00013594	Y872A.2	TCER-1 UP	-15
WBGene00015400	<i>cyp-35A2</i>	TCER-1 UP	-16
WBGene00015692	<i>ugt-25</i>	TCER-1 UP	-14
WBGene00016786	<i>cyp-35A4</i>	TCER-1 UP	-20
WBGene00018958	<i>cest-27</i>	TCER-1 UP	-11
WBGene00019473	<i>cyp-35A5</i>	TCER-1 UP	-13