

Ratnappan et al., REVISED. Table S3: Effect of NHR-49 loss-of-function and overexpression on lifespan

#	Strain	Trial 1				Trial 2				Trial 3			
		n = Obs/Tot <sup>a</sup>	Mean ± SEM	P (vs. N2)	P (vs. other strains)	n = Obs/Tot <sup>a</sup>	Mean ± SEM	P (vs. N2)	P (vs. other strains)	n = Obs/Tot <sup>a</sup>	Mean ± SEM	P (vs. N2)	P (vs. other strains)
1	N2	75/98	21.6 ± 0.1			81/92	22.8 ± 0.2			89/110	22.6 ± 0.4		
2	AGP12a <i>nhr-49(-)</i>	89/100	14.4 ± 0.2	<0.0001		83/88	13.7 ± 0.1	<0.0001		59/75	15.6 ± 0.2	<0.0001	
3	AGP24f <i>Pnhr-49::nhr-49::GFP</i>	47/84	26.0 ± 0.4	<0.0001	<0.0001 (vs. <i>nhr-49</i> ) <0.0001 (vs. GFP-ve siblings)	94/99	23.1 ± 0.3	0.54	<0.0001 (vs. <i>nhr-49</i> ) 0.16 (vs GFP-ve siblings)	58/113	25.9 ± 0.3	0.001	<0.0001 (vs GFP-ve sibs)
4	AGP 24f GFP-ve siblings	83/102	21.3 ± 0.4	0.82	<0.0001	87/100	20.3 ± 0.6	0.23	<0.0001 (vs <i>nhr-49</i> )	82/137	22.2 ± 0.3	0.9	
5	AGP33 <i>nhr-49; Pnhr-49::nhr-49::GFP</i>	74/99	24.2 ± 0.2	0.001	<0.0001 (vs. <i>nhr-49</i> ) <0.0001 (vs. GFP-ve siblings)	79/101	25.1 ± 0.3	<0.0001	<0.0001 (vs. <i>nhr-49</i> ) <0.0001 (vs. GFP-ve siblings)				
6	AGP33 GFP-ve siblings	95/100	14.1 ± 0.2	<0.0001	0.41 (vs. <i>nhr-49</i> )	93/98	12.4 ± 0.1	<0.0001	0.02 (vs. <i>nhr-49</i> )				
7	CF1903 <i>glp1(-)</i>	94/101	31.0 ± 0.5			74/104	35.8 ± 0.3			82/83	34.6 ± 0.02		
8	AGP22 <i>nhr-49(-); glp1(-)</i>	95/97	14.1 ± 0.1	<0.0001	<0.0001 (vs. <i>glp-1</i> )	104/106	17.9 ± 0.2	<0.0001	<0.0001 (vs. <i>glp-1</i> )	91/91	13.6 ± 0.1	<0.0001	<0.0001 (vs. <i>glp-1</i> )
9	AGP25 <i>glp-1(-); Pnhr-49::nhr-49::GFP</i>	92/97	35.3 ± 0.5	<0.0001	<0.0001 (vs. <i>nhr-49; glp-1</i> ) 0.46 (vs. GFP-ve siblings) 0.001 (vs. <i>glp-1</i> )	97/98	41.0 ± 0.7	<0.0001	<0.0001 (vs. <i>nhr-49; glp-1</i> ) <0.0001 (vs. GFP-ve siblings) 0.002 (vs. <i>glp-1</i> )				
10	AGP25 GFP-ve siblings	98/101	34.7 ± 0.4	<0.0001	<0.0001 (vs. <i>nhr-49; glp-1</i> ) 0.003 (vs. <i>glp-1</i> )	104/119	31.9 ± 0.7	<0.0001	<0.0001 (vs. <i>nhr-49; glp-1</i> ) 0.02 (vs. <i>glp-1</i> )				
11	AGP34a <i>nhr-49(-); glp-1(-); Pnhr-49::nhr-49::GFP</i>	74/104	30.2 ± 0.5	<0.0001	0.73 (vs <i>glp-1</i> ) <0.0001 (vs. <i>nhr-49; glp-1</i> ) <0.0001 (vs. GFP-ve siblings)	58/102	34.1 ± 0.4		0.84 (vs. <i>glp-1</i> ) <0.0001 (vs. <i>nhr-49; glp-1</i> ) <0.0001 (vs. GFP-ve siblings)				
12	AGP34a GFP-ve siblings	86/98	17.0 ± 0.4	<0.0001	0.0007 (vs. <i>nhr-49; glp-1</i> )	101/107	18.4 ± 0.2	<0.0001	0.28 (vs. <i>nhr-49; glp-1</i> )				
13	AGP28c <i>Pnhr-49::nhr-49::GFP</i>	64/97	30.0 ± 0.2	<0.0001	<0.0001 (vs. <i>nhr-49</i> ) <0.0001 (vs. GFP-ve siblings)					61/96	28.2 ± 0.3	<0.0001	<0.0001 (vs. <i>nhr-49</i> ) <0.0001 (vs. GFP-ve siblings)
14	AGP 28c GFP-ve siblings	81/98	22.0 ± 0.2	0.34	<0.0001 (vs. <i>nhr-49</i> )					56/66	21.7 ± 0.4	0.61	<0.0001 (vs. <i>nhr-49</i> )
15	AGP30b <i>nhr-49; Pnhr-49::nhr-49::GFP</i>	69/85	22.7 ± 0.3	0.11	<0.0001 (vs. <i>nhr-49</i> ) <0.0001 (vs. GFP-ve siblings)					40/100	24.7 ± 0.6	0.02	<0.0001 (vs. <i>nhr-49</i> ) <0.0001 (vs. GFP-ve siblings)
16	AGP30b GFP-ve siblings	84/88	14.1 ± 0.2	<0.0001	0.5 (vs. <i>nhr-49</i> )					56/80	14.3 ± 0.1	<0.0001	0.08 (vs. <i>nhr-49</i> )
17	AGP29a <i>glp-1(-); Pnhr-49::nhr-49::GFP</i>									64/83	35.4 ± 0.3	0.91	<0.0001 (vs. <i>nhr-49; glp-1</i> ) 0.0027 (vs. GFP-ve siblings)
18	AGP29a GFP-ve siblings									84/87	30.1 ± 0.3	0.001	<0.0001 (vs. <i>nhr-49; glp-1</i> )
19	AGP31 <i>nhr-49(-); glp-1(-); Pnhr-49::nhr-49::GFP</i>									81/88	26.6 ± 0.4	<0.0001	<0.0001 (vs. <i>glp-1</i> ) <0.0001 (vs. <i>nhr-49; glp-1</i> ) <0.0001 (vs. GFP-ve siblings)
20	AGP31 GFP-ve siblings									91/92	14.9 ± 0.1	<0.0001	0.0008 (vs. <i>nhr-49; glp-1</i> )