

**Supplementary Table 4**

<b>Figure</b>	<b>Strains</b>	<b>Treatments</b>	<b>Relative intensity <math>\pm</math>SEM</b>	<b>P value VS Control</b>	<b>N</b>
<b>N2 (WT)</b>					
<b>3(A)</b>	EXP.1	20°C/Control	0.982 $\pm$ 0.007		62
<b>3(B)</b>	EXP.1	20°C/100 $\mu$ M Aspirin	0.909 $\pm$ 0.008	<0.001	71
	EXP.2	20°C/Control	0.929 $\pm$ 0.012		63
	EXP.2	20°C/100 $\mu$ M Aspirin	0.825 $\pm$ 0.011	<0.001	60
	EXP.3	20°C/Control	1.089 $\pm$ 0.012		67
	EXP.3	20°C/100 $\mu$ M Aspirin	0.984 $\pm$ 0.010	<0.001	69
<b>CF1903 <i>glp-1(e2141)III</i>.</b>					
<b>3(C)</b>	EXP.1	20°C/Control	1.007 $\pm$ 0.012		45
<b>3(D)</b>	EXP.1	20°C/100 $\mu$ M Aspirin	1.030 $\pm$ 0.009	0.101	53
	EXP.2	20°C/Control	0.994 $\pm$ 0.010		62
	EXP.2	20°C/100 $\mu$ M Aspirin	0.979 $\pm$ 0.009	0.255	61
	EXP.3	20°C/Control	0.999 $\pm$ 0.011		65
	EXP.3	20°C/100 $\mu$ M Aspirin	0.989 $\pm$ 0.010	0.512	66
<b>CF1038 <i>daf-16(mu86)I</i>.</b>					
<b>4(I)</b>	EXP.1	20°C/Control	0.954 $\pm$ 0.006		113
<b>4(L)</b>	EXP.1	20°C/100 $\mu$ M Aspirin	0.965 $\pm$ 0.006	0.192	113
	EXP.2	20°C/Control	1.002 $\pm$ 0.007		96
	EXP.2	20°C/100 $\mu$ M Aspirin	1.021 $\pm$ 0.008	0.071	103
	EXP.3	20°C/Control	1.044 $\pm$ 0.064		126
	EXP.3	20°C/100 $\mu$ M Aspirin	1.036 $\pm$ 0.007	0.399	129
<b>AA86 <i>daf-12(rh61rh411)X</i>.</b>					
<b>4(H)</b>	EXP.1	20°C/Control	1.012 $\pm$ 0.008		87
<b>4(K)</b>	EXP.1	20°C/100 $\mu$ M Aspirin	1.034 $\pm$ 0.007	0.057	82
	EXP.2	20°C/Control	1.001 $\pm$ 0.007		117
	EXP.2	20°C/100 $\mu$ M Aspirin	1.004 $\pm$ 0.009	0.295	107

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	EXP.3	20°C/Control	0.956±0.007		99
	EXP.3	20°C/100µM Aspirin	0.961±0.007	0.645	97
	<b>AA89 <i>daf-12(rh274)X</i>.</b>				
<b>4(G)</b>	EXP.1	20°C/Control	0.969±0.008		73
<b>4(J)</b>	EXP.1	20°C/100µM Aspirin	0.987±0.009	0.144	73
	EXP.2	20°C/Control	1.052±0.008		102
	EXP.2	20°C/100µM Aspirin	1.045±0.007	0.563	106
	EXP.3	20°C/Control	0.979±0.009		79
	EXP.3	20°C/100µM Aspirin	0.973±0.009	0.657	81

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