



Figure S2: *alg-1* functions downstream of *mir-71* in aging. Related to Figure 2.

(A) *alg-1* overexpression rescues the short lifespan phenotype of *mir-71(n4115)* animals. Lifespans of *gfp::alg-1* and *gfp::alg-1;mir-71* strain not significantly different (log rank test). Top: n=292, 258, 513, 273, for N2, *mir-71*, *gfp::alg-1*, *gfp::alg-1;mir-71* strains, respectively. Bottom: n=270, 196, 498, 253, respectively. Bottom: n=257, 542, 514, 284, respectively. (B) *alg-1* RNAi does not further shorten the short lifespan of *mir-71(n4115)* animals. Lifespans of L4440 empty vector-treated vs. *alg-1* RNAi-treated animals not significantly different (log rank test). Top: n=155 for L4440 empty vector treatment; n=180 for *alg-1* RNAi treatment. Bottom: n=166 for L4440 empty vector treatment, n=147 for *alg-1* RNAi treatment. (C) *alg-1* copy number in the *gfp::alg-1*(CT20) strain. Normalized with copy number in N2 wildtype as 1. (D) Brood size is not affected by *alg-1* overexpression or *mir-71* mutation.