

Supplementary table 1. Summary of oligonucleotides used for the generation of expression vectors and RNAi constructs

Name	Orientation	Sequence (5'→3')	Final vector
<i>atgl-1</i> promoter	FW	GATATCAAATCTTAA GCTGGTCCCTATG	<i>patgl-1</i> ATGL-1 (with <i>atgl-1</i> 3'UTR) in pCRII-TOPO
<i>atgl-1</i> 3'UTR	RV	CCCGGGAAC TTTTTT CAATTTATTTAG	
<i>atgl-1(RNAi)</i>	FW	CCGGACGTCTGGTTA TCTCG	<i>atgl-1(RNAi)</i> in pL4440
	RV	TCTTCGGCGATCTCG TTCAC	
<i>bec-1(RNAi)</i>	FW	GCTCTAGAGTTATCA CAGAAGCTCTG	<i>bec-1(RNAi)</i> in pL4440
	RV	CGGGATCCGTC CAT ACAATGCGTACG	
<i>daf-2(RNAi)</i>	FW	CGGGATCCTGTGCC ACGTGGAGCTT	<i>daf-2(RNAi)</i> in pL4440
	RV	CCGCTCGAGTGAAT AGCGTCCGAATCG A	
<i>hlh-30(RNAi)</i>	FW	TTGACATTTCCAACG AGACGC	<i>hlh-30(RNAi)</i> in pL4440
	RV	TGCTCGTCCCTAGAA TTCACA	
<i>lgg-1(RNAi)</i>	FW	GGAATTC AAGTGGG CTTACAAGGAG	<i>lgg-1(RNAi)</i> in pL4440
	RV	GGAATTCG TCTTCTT CGTTTATTCATG	
<i>lgg-2(RNAi)</i>	FW	GGAAATCGGGGAGG ATCTTACA	<i>lgg-2(RNAi)</i> in pL4440
	RV	CAATG TTCAGGGCA GTAAGGA	
<i>lipl-4(RNAi)</i>	FW	CTACAACACAACAA CAAAGAT	<i>lipl-4(RNAi)</i> in pL4440
	RV	ATGAGAAAGAAATT ACCTGAAC	
<i>vps-34(RNAi)</i>	FW	AGGAAATCCAGTGC CGGTGGTT	<i>vps-34(RNAi)</i> in pL4440
	RV	GCCAAATCTCCACTA GCCGCCT	