

**Sup Table 2: Primers used for RNAi and cloning**

<b>RNAi constructs</b>	<b>Forward primer</b>	<b>Reverse Primer</b>
<i>fbxb-41</i>	5'- actagtATGACTGTTGTGTCTTTGTTTCCC	5'- ctcgagCCACAGAGACCAAGATTGGTGTG
<i>alh-6</i>	5'- actagtATGCTCTCATTCCGAGCTCGACGC	5'- CCATCGCGAACATCTCCAAGCTTG
<i>unc-89</i>	5'- ACGTCTTCAATCACATGCCAAC	5'- CAATATCCCATCCACGGAAGCTTC
<i>cec-10</i>	5'- CTCAACACACTACTTCACGGTGC	5'- CGAGGGGTTCCGGGCTTATTATG
<i>F27C1.3</i>	5'- ATGATGAGCATGGAGTTATTTGG	5'- AGCTTTCTTCTTATCTGCACCG
<i>F46F11.6</i>	5'- GAAGAGGCTGGATGGAAGCAC	5'- GCTGCTGTCTTGCAAGATCCTC
<i>tyr-4</i>	5'- CAGCTCCACGTCCAACACCTGC	5'- CAAGAGGTCCGGATCAAAAGATG
<i>C48E7.6</i>	5'- CGACAATATGGTATCCACAGGG	5'- GTTGTACCCAACAAGTCGGGTGG
<i>hrpk-1</i>	5'- ATGATGATCAAAGTGGGAGCCG	5'- CGGATGGAATCGTCACCTGCGC
<i>pcbd-1</i>	5'- ATGCATTCTTCATATTCTCATTTTC	5'- CTACTTTTTAACAATCGATTTCG
<i>dcp-66</i>	5'- CTGCAACCTAATGCTGACACAG	5'- CGAGAGAGGGGGAAATTAAGGG
<i>apb-3</i>	5'- ATCGCCCGTGCACTTGTCCGAC	5'- CATCATCTTCTTCTTCGTAC
<i>mys-4</i>	5'- GCGATGTCTCCCATGAAAACGC	5'- GAGTGAAGAGGTTCTTCGTATG
<i>B0511.12</i>	5'- CCGTCTTCAGGTGCTCCAGGAGG	5'- GTCATGCAGGTAGCTCCGATG
<i>skn-1(specific)</i>	5'- GACCGAGATGCAAGAGATGCGTG	5'- GATCGTTGGTAGCGTGATCCACTG
<i>skr-1/2</i>	5'- TATCCGAGGCGGCAAAGGAACG	5'- CGCACCAGGCATTCTCTTTGCGG
<b>Mutant rescue</b>	<b>Primer</b>	
<i>alh-6pF1</i>	5'- ATCTACGGAATGTAGATTCCCGGG	
<i>alh-6R3'</i>	5'- GGGCTCATCCTCAACCAGTCGCTC	
<i>F46F11.6pF</i>	5'- catggtcaatataaacctcacc	
<i>F46F11.6R(3UTR)</i>	5'- CTAGGAAACATCTGGAAGTCAAC	
<i>skn-1F1(Out)</i>	5'- ggcctcgtgtcgtcgttcacgcg	
<i>skn-1R2(Out)</i>	5'- gtggggattgaagtgggtgagg	
<b>mCherry tagged</b>	<b>Primer</b>	
<i>alh-6pF1</i>	5'- ATCTACGGAATGTAGATTCCCGGG	
<i>alh-6LR3end</i>	5'- AGCGGCCGCTTCCATTGATGGATATTTCCAGTC	
<i>F46F11.6pF(Sall)1</i>	5'- GTCGACTgagcatcgattggctgggctcc	
<i>F46F11.6CR(NotI)mChe1</i>	5'- gcggccgcAACTCTTTGCTGCTGTCTTGCAAG	
<b>Ectopic xrep-4</b>	<b>Primer</b>	
<i>F46F11.6F(SacII)</i>	5'- ccgcggaATGGCACTGGAAGAAATAATG	
<i>F46F11.6R(3UTR)</i>	5'- CTAGGAAACATCTGGAAGTCAAC	
<i>myo-3pF(BamHI)</i>	5'- ggatccGTGCCATAGTTTTACATTCCAC	
<i>myo-3pR(SacII)</i>	5'- ccgcggtctagatggatctagtggtcgtgg	
<i>pho-1pF(BamHI)</i>	5'- GGATCcgcttattcagcagtgagtttgc	
<i>pho-1pR(SacII)</i>	5'- CCGCGgtaaaagttaccctgaaaatgcgg	