

Table S1: Primer sequences used for CRISPR/Cas9 tagging *unc-104*, *unc-18*, and *unc-52* with auxin inducible degron tag

*All DNA sequences are presented in the 5' to 3' direction

<i>unc-104</i> repair template oligo	AGATGTATGATTGGCTGTACGCAATCAATCCATTGATGGCC GGCCAGATGAAGCTTCACGGAAACCAGAACGGAACACTACTC TTAAGTCCCCAACCTCTTCTTCCTCCATCGCAGCATCCGGT GGATCGGGTTTCGATGCCTAAAGATCCAGCCAAACCTCCGG CCAAGGCACAAGTTGTGGGATGGCCACCGGTGAGATCATA CCGGAAAAATGTTATGGTTTCTTGTCAAAAATCAAGTGGTG GCCCCGAGGCGGCGGCGTTCGTGAAGTGAAGTATCTAATT TTCTTTGCTTTTTTATCTGTTTTTCTTTCTGTGATTATTTCACT TCCTTCCAC
<i>unc-104</i> sgRNA-1	ttcatttGTCCAGCCATCAA
<i>unc-104</i> sgRNA-1	TCACAGAAAGAAAAACAGAT
<i>unc-104</i> screening primer (reverse, flanking insertion)	GTTCAATTCCCCCAGGTATCCATAG
<i>unc-104</i> screening primer (reverse, inside insertion)	TCCGGGCCACCACTTGATT
<i>unc-104</i> screening primer (forward, inside insertion)	ACTTACTGAGCTCTCAGTGGACAC
<i>unc-18</i> repair template oligo	TCCTGACCAACTTGCGTGACCTGAACAAACCGCGTGATATC GGCAGTACCGGTAGCATGCCTAAAGATCCAGCCAAACCTC CGGCCAAGGCACAAGTTGTGGGATGGCCACCGGTGAGAT CATACCGGAAGAACGTGATGGTTTCCTGCCAAAAATCAAGC GGTGGCCCGGAGGCGGCGGCGTTCGTGAAGTGACAGAGA GCGGGGTACCGAAAAGAATCGACAATTGACGAAAC
<i>unc-18</i> sgRNA-1	GCACTCTGT CATATGT CACG
<i>unc-18</i> sgRNA-1	GTGACATATGACAGAGTGCG
<i>unc-18</i> screening primer (forward, flanking insertion)	GGTGTACCTTCTCCGAAATGC
<i>unc-18</i> screening primer (reverse, inside insertion)	GTTACATTATTTTTGGCCATGGGAAGAG
<i>unc-18</i> screening primer (forward, inside insertion)	GCCAAGGCACAAGTTGTGGG
<i>unc-52</i> repair template oligo	TTTAAAACTGACCTACTGCTCATTTATACCCCCCGAGTACTA GTTAGGGGGGATGCCTAAAGATCCAGCCAAACCTCCGGCC AAGGCACAAGTTGTGGGATGGCCACCGGTGAGATCATACC GGAAGAACGTGATGGTTTCCTGCCAAAAATCAAGCGGTGG CCCGGAGGCGGCGGCGTTCGTGAAGGGCAGTACCGGTAG CATGGCCTTCTCCCTTTTTTCTGTTGTTTCACTGACGGTCAT CTACCGGTTGACCATCAAC
<i>unc-52</i> sgRNA-1	CCCCCCTAACTAGTTGACGG
<i>unc-52</i> sgRNA-1	GATGACCGTCAGTGAAACGA
<i>unc-52</i> screening primer (forward, inside insertion)	CAACCTTAGCTGTATGCCTTCCTTC
<i>unc-52</i> screening primer (reverse, flanking insertion)	CGCCTCTGTCTAGCAACCTTCTATC
<i>unc-52</i> screening primer (reverse, inside insertion)	CCAAGGCACAAGTTGTGGGAT