

Table EV4

Primer ID	Description	Sequence
B633	generation of pBN180	5'-AACGTCGTGACTGGGAAAAC
B634	generation of pBN180	5'-GGTGCCAACTTTTCTATACAAAG
B635	universal sgRNA primer	5'-CAAGACATCTCGCAATAGGAG
B724	dpy-10; sgRNA sequence in capitals	5'-CTACCATAGGCACACGAGgttttagagctagaaatagcaagt 5'-
B725	dpy-10; repair template	CACTTGAAC TTCAATACGGCAAGATGAGAATGACTGGAAACCGTACCGCATG CGGTGCCTATGGTAGCGGAGCTTCACATGGCTTCAGACCAACAGCCTAT
B780	generation of pBN215	5'-aaacagcatagcaagtttAAATAAGGCTAGTCCGTTATC
B781	generation of pBN215	5'-ccagcatagctcttaaacCAAGACATCTCGCAATAG
B825	emr-1 3'-end; sgRNA sequence in capitals	5'-CGTGGCCGAGACGAATCCGGgtttaagagctatgctggaac
B838	emr-1 5'-end; sgRNA sequence in capitals	5'-AGACGGAAGCATTAAACAGTGgtttaagagctatgctggaac 5'- TGGGCCAATTGTGGCGACGACCCGCAAGCTCTACGAGAAGAAGCTTATCAA GTTATCAGAtGGAAGCATTAAACAgtagCattgaatttaaattatttatttctGAAGTTCCT ATTCTCTAGAAAGTATAGGAACTTCaaataacatttttaaagtttcgaacctctaattccagaTC AATCAAATCTCAACGACTCTCAATTCAACGAGGATTCATTGATCATCAGCTCG TCACCGAAGAAATCACCGCCACAACGAGTTTTCCAGAACGTGTCAGCTGCAA CAGCGGCAGCTACTACCTCTCCCGAATCGGACAGCGACGATTGCGAGGAGT CGATGCGATACTTGACGGAAGAGGAAATGGCCGCCGATCGGGCATCGGCTC GTCAAGCTCAGAGCAACAAAGGAGGATTCTTGGGAAGCACGgtgagttttcgcccttt ttctggcaataaaaacttattttctattttccagATCACATTCACAATTCTCTTCGTCTTCATCGC CGTCTTCGCCTACTTCTTGATCGAGAACGCCGAGCAGTTGAAGCTCGTGGC CGAGACGAATCCaGAaGATACTATTgttacaGTCTCAAAGGGTGAAGAAGATAA CATGGCAATTATTAAGAGTTTATGCGTTTTCAAGGTGCATATGGAGGGATCT GTCAATGGGCATGAGTTTGAAATTGAAGGTGAAGGAGAAGGCCGACCATAT GAGGGAACACAAACCGCAAACTAAAGGtaagtttaacatatatGAAGTTCCTATT CTCTAGAAAGTATAGGAACTTCactaactaacctgattatttaaatttcagGTAACATAAGG CGGACCATTACCATTGCTCGCTGGGACATCCTCTCTCCACAGTTCATGTATGGA AGTAAAGCTTATGTTAAACATCCGGCAGATATACCAGATTATTTGAAACTTTC ATTCCCGGAGGGTTTTAAGTGGGAACGCGTAATGA
B840	emr-1::mCh gBlock w/ Frt sites	
B914	AdRt	5'-CTAATACGACTCACTATAGGGCAGCGTGGTCGCGGCCGAGGA
B919	AdRb	5'-TCCTCGGCCGCG
B920	AdR	5'-NNNNGTGGTCGCGGCCGAGGATC
B925	baf-1 5'-end	5'-caagatctATGTCGACTTCTGTAAAGCATCG
B926	baf-1 3'-end	5'-tagctagcTTACATGAACTGATCTGCCC
B1436	AdR4N	5'-NNNNGTCCTCGCGGCCGAGGATC
B1437	AdR5N	5'-NNNNGTCCTCGCGGCCGAGGATC
B1438	AdR6N	5'-NNNNNGTCCTCGCGGCCGAGGATC
B1103	pmp-3 qRT-PCR	5'-TGGCCGGATGATGGTGTGCG
B1104	pmp-3 qRT-PCR	ACGAACAATGCCAAAGGCCAGC
B1105	tba-1 qRT-PCR	TCAACACTGCCATCGCCGCC
B1106	tba-1 qRT-PCR	TCCAAGCGAGACCAGGCTTCAG
B1107	Y45F10D.4 qRT-PCR	CGAGAACCCGCGAAATGTCGGA
B1108	Y45F10D.4 qRT-PCR	CGGTTGCCAGGGAAGATGAGGC
B1603	baf-1 qRT-PCR	ATGCAGGCTTCGATAAAGCCTAC
B1604	baf-1 qRT-PCR	CAGCCGTCTTTTCAGCCAT
B1605	emr-1 qRT-PCR	GCATTAACAATCAATCAAAATCTC
B1606	emr-1 qRT-PCR	AAAACCTCGTTGTGGCGGTGA
B1607	lmn-1 qRT-PCR	TGGTGGTGGAGAATGATGATCTC
B1608	lmn-1 qRT-PCR	CGGCTGTTCCGAGAAGAGTT

Primers used in this study