

### Supporting Information: Supplementary Table S3

**Table S3. Primers used in this study**

Primer name	Nucleotide sequence	Purpose
oJL102	CAACCTTGACTGTCTGAACCACCATAG	<i>Mos1</i> mutagenesis
oJL103	TCTGCGAGTTGTTTTTTCGTTTGTAG	<i>Mos1</i> mutagenesis
oJL104b	ACAAAGAGCGAACGCAGACGAGT	<i>Mos1</i> mutagenesis
oJL114	AAAGATTCAGAAGGTCGGTAGATGGG	<i>Mos1</i> mutagenesis
oJL115	GCTCAATTCGCGCCAAACTATG	<i>Mos1</i> mutagenesis
oJL116	GAACGAGAGGCAGATGGAGAGG	<i>Mos1</i> mutagenesis
iPCR1a	GACCTTGTGAAGTGTCAACCTTGACTG	<i>Mos1</i> mutagenesis
iPCR1b	GACAATCGATAAATATTTACGTTTTCGAGAC	<i>Mos1</i> mutagenesis
iPCR2b	CATCTATATGTTTTCGAACCGACATTCCC	<i>Mos1</i> mutagenesis
fut8_mos1fw	ATCCAACGTAGTACCAGAAGCC	genotyping <i>op498</i>
fut8mos1_rev	CAATCATTCACTTTATATGATGGG	genotyping <i>op498</i>
M03F4.8fw	AGCATGCTTTTGCATTCTCGGC	genotyping <i>op497</i>
M03F8_4Mos1r	ATCTTGAATTCTATAACCGAATCGGC	genotyping <i>op497</i>
ger1_mos1	AACTGGCTTAGTTGGAAGCGC	genotyping <i>op499</i>
ger1mos1_rev	GACCCATTTCTCATCGTCTCGC	genotyping <i>op499</i>
gly13_Mos1_F	TTCCACCTAAAATCATGCATGCGG	genotyping <i>op507</i>
gly13_Mos1_R	TTGTGATATTCGCTTTATCGCCGGCC	genotyping <i>op507</i>
bre-1_Mos1_F	AATTTATTGATTTTTGTGGCCCGGC	genotyping <i>op509</i>
bre-1_Mos1_R	AATGATGTCTCAATGGAGCGCAC	genotyping <i>op509</i>
bre-1_wt_fw	CCTACAATATGTTTGTCTGCAATAG	genotyping <i>ye4</i>
bre-1_ye4_fw	CCTACAATATGTTTGTCTGCAATAA	genotyping <i>ye4</i>
bre-1_rev	TCAGCATTTCCCAATAAAGTCTCC	genotyping <i>ye4</i>
pmk-1_f	TTTGTGTCCCTAATTCCTTGATCTC	genotyping <i>km25</i>
pmk-1_r	TGAGTCCACGAAGAATTTGATAGAC	genotyping <i>km25</i>
ok2558fwd	TTGGTGCAGAGAACAACACAG	genotyping <i>ok2558</i>
ok2558rev	CATCAACTCCCAACCAATCC	genotyping <i>ok2558</i>
fut-1_f	TTGCTGTTTGTCTGACAATGGC	genotyping <i>ok892</i>
fut-1_r	TTAACAGTTCTCATTTTTCTCCGC	genotyping <i>ok892</i>
hex-2_f	TGTGGATATGATTCTGAGCGAGGC	genotyping <i>ok1764</i>
hex-2_r	TGAAGTTTCTCCGACATTTCCCCG	genotyping <i>ok1764</i>
aman-2_f	GAAAAAGTTGGAAGTTGCTCGCC	genotyping <i>tm1078</i>
aman-2_r	GCATAAATTGAATATTTAGGCGCCATTCC	genotyping <i>tm1078</i>