

Supplementary Table 1. Oligonucleotides used in this study.

Primer name	Primer sequence (5'-3')	purpose
Bmdsx-F	AACCATGCCACCACTGATACCAAC	PCR
Bmdsx-R	GCACAACGAATACTGCTGCAATCG	PCR
Fem-1F	TCAAAAACGTATGTATCAGG	PCR
Fem-1R	AAACCAATATTCTTCTAGAC	PCR
Fem-2R	CTCGGATCGCACGAAATCAG	PCR
Fem-F	ACCGCTTGGATCAGAAAGTG	qPCR
Fem-R	GGCTTCGACGTTGTTTCATT	qPCR
Fem piRNA	TACCTCTTTTTGTCAATTCATAAAGTCAT	piRNA-qPCR
let-7	TGAGGTAGTAGGTTGTATAGTA	piRNA-qPCR
Masc piRNA	AAAAGAGGTAACAATTGAAGCTAATCAGA	piRNA-qPCR
Masc-F	GCTAAAATTGCTGGGATTGCTA	qPCR
Masc-R	CAGCAATCGGAATTTTCTTCTG	qPCR
Siwi-F	AGATGGGTTCTGTTGTTCACTCA	qPCR
Siwi-R	CATATCGCAACGACTAATTGTAC	qPCR
BmAgo3-F	CGTCCAGAAGCTGTAACATC	qPCR
BmAgo3-R	AAGAGATATCCTCCGAGTGT	qPCR
2nd-F	AGGGATACATCAGTAGCGGAGT	genotyping
2nd-R	AACACATCAACCATTGGAACAG	genotyping
Musashi-A1	CCTGGGCCTATATATGTAAATCGAT	genotyping
Musashi-B1	CCTGGGCCTAGCACACTATGGAGAG	genotyping
Sasuke-1A	CTGGCAGGAGAAGAAGAAGCGAT	genotyping
Sasuke-2B	GAGCCAACACTTCTGAAGCTGA	genotyping
Bonsai-1B	CAAAGGGACTTCGACGTCGTTCCGGAC	genotyping
Bonsai-2B	TAAACAATGTATCTATCATCGAGCT	genotyping
Siwi-cont-F	CAATCTACGCATTCAAGATC	genome qPCR
Siwi-cont-R	CATCAGCTTGAAATTAGCTC	genome qPCR
rp49-F	CCCAACATTGGTTACGGTTC	qPCR
rp49-R	GCTCTTTCCACGATCAGCTT	qPCR
Masc_hind_FI	TTAAGCTTATGGATTACAAGGATGACGACGATAAGACATCGGCAA	Flag-Masc
ag_F	AAGTAGCAAC	construction

Masc_bam_		Flag-Masc
R	AAGGATCCCTATTGAAACGGCGGTGGTG	construction
masc		
resistant1	GcCAgAAgGAaGTcACAATTGAAGCTAATCAGA	mutagenesis
masc		
resistant2	TgACtTCcTTcTGgCGATTcACAAAGCCATTTA	mutagenesis
GeneRacer		
5' primer		
(primer a in		Modified RACE
EDFig. 9)	CGACTGGAGCACGAGGACACTGA	(BmN4)
GeneRacer		
5' nested		
primer		
(primer b in		Modified RACE
EDFig. 9)	GGACACTGACATGGACTGAAGGAGTA	(BmN4)
Primer c in		Control in
EDFig. 9	CAGCTATCGGGAGTATCGTCTG	Modified RACE
Primer d in		Modified RACE
EDFig. 9	TATCTGCAGAATTCCACCACAC	(BmN4)
Primer e in		Modified RACE
EDFig. 9	GTAGAATCGAGACCGAGGAGAG	(BmN4)
Primer for		Modified RACE
<i>Masc</i>	GAAAACTACCGTGTcACCCTTG	(embryo)
Nested primer		Modified RACE
for <i>Masc</i>	GGAGCTGTAGCAATCCTGGTC	(embryo)
siRNA name	siRNA sequence (5'-3')	purpose
siGFP gui-1	AUAGACGUUGUGGCUGUUGUA	RNAi
siGFP pas-1	CAACAGCCACAACGUCUAUUU	RNAi
siSiwi gui-1	UAAGAUUCGCAUACGUUCGUU	RNAi
siSiwi pas-1	CGAACGUAUGCGAAUCUUAUU	RNAi
siSiwi gui-2	UUGAACGAAGAUUCGGGUGUU	RNAi

siSiwi pas-2	CACCCGAAUCUUCGUUCAAUU	RNAi
siBmAgo3		
gui-1	UUUGCUUUGGUCAUAUGGGUU	RNAi
siBmAgo3		
pas-1	CCCAUAUGACCAAAGCAAAGU	RNAi
siBmAgo3		
gui-2	UACAGACGACGUUAUGCACUU	RNAi
siBmAgo3		
pas-2	GUGCAUAACGUCGUCUGUACA	RNAi
siMasc gui-1	UUGAAAAUCGCGGCAAACUU	RNAi
siMasc pas-1	GUUUUGCCGCGAUUUUCAAUU	RNAi
siMasc gui-2	UUUUUGCUGUAGGUGAAUCUU	RNAi
siMasc pas-2	GAUUCACCUACAGCAAAAUU	RNAi
piRNA		
inhibitor name	siRNA sequence (5'-3')	purpose
Fem piRNA inhibitor	CGUAAAUGACUUUAUGAAUUGACAAAAGAGGU ACAAU (2'-O-Me)	piRNA inhibitor
GFP piRNA inhibitor	AUGCCACCUACGGCAAGCUGACCCUGAAGUUCA UCUGC (2'-O-Me)	piRNA inhibitor
oligo probe		
name	oligonucleotide sequence (5'-3')	purpose
Fem sense	CTCTTTTTGTCAATTCATAAAGTCATTCAGTGTAGTCGAATTCTTG CAATGTTGCGTTTGCTTATTTGATGTGCAATTTAG	Northern
Fem antisense	CTAAATTGCACATCAAATAAGCAAACGCAACATTGCAAGAATTCGA CTACACTGAATGACTTTATGAATTGACAAAAGAG	Northern