

Supplementary data:

Mapping of shoot fly tolerance loci in sorghum using SSR markers

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Table 1. List of SSR primers for sorghum.

Primer code	Forward and reverse	Annealing temperature (°C)	Product size (bp)	Linkage group
<i>Xtxp1</i>	F-TTGGCTTTTGTGGAGCTG R-ACCCAGCAGCACTACTACTAC	49	192	B
<i>Xtxp4</i>	F-AATACTAGGTGTCAGGGCTGTG R-ATGTAACCGCAACAACCAAG	61	150	B
<i>Xtxp10</i>	F-ATACTATCAAGAGGGGAGC R-AGTACTAGCCACACGTCAC	51	148	F
<i>Xcup11</i>	F-TACCGCCATGTCATCATCAG R-CGTATCGCAAGCTGTGTTTG	55	169	C
<i>Xtxp12</i>	F-AGATCTGGCGGGCAACG R-AGTCACCCATCGATCATC	57	185	D
<i>Xtxp18</i>	F-ACTGTCTAGAACAAGCTGCG R-TTGCTCTAGCTAGGCATTTTC	55	217	H
<i>Xtxp20</i>	F-TCTCAAGGTTTGA TGGTTGG R-ACCCATTATTGACCGTTGAG	53	202	G
<i>Xtxp23</i>	F-AATCAACAAGAGCGGGAAAG R-TTGAGATTCGCTCCACTCC	53	183	J
<i>Xtxp25</i>	F-CCATTGAGCTTCTGCTATCTC R-CATTTGTCACCACTAGAAACCC	57	136	B
<i>Xtxp31</i>	F-TGCGAGGCTGCCCTACTAG R-TGGACGTACCTATTGGTGC	57	220	C
<i>Xtxp32</i>	F-AGAAATTCACCATGCTGCAG R-ACCTCACAGGCCATGTCG	53	140	A
<i>Xtxp37</i>	F-AACCTAAGAGGCCTATTAACC R-ACGGCGACTCTGTAACCTCATAG	57	165	A
<i>Xtxp41</i>	F-TCTGGCCATGACTTCTCAC R-AAATGGCGTAGACTCCCTTG	53	304	D
<i>Xcup48</i>	F-TCACTAGCGCCTCCAAAATC R-TCCAATCCTTCCTGTGCTTC	55	288	D&G
<i>Xtxp67</i>	F-CCTGACGCTCGTGGCTACC R-TCCACACAAGATTCAGGCTCC	59	178	F
<i>Xtxp69</i>	F-ACACGCATGGTTTGACTG R-TTGATAATCTGACGCAACTG	49	232	C
<i>Xtxp75</i>	F-CGATGCCTCGAAAAAAAAACG R-CCGATCAGAGCGTGGCAGG	57	149	A
<i>Xtxp88</i>	F-CGTGAATCAGCGAGTGTTGG R-TGCGTAATGTTCTGCTC	57	118	A

Table 1. (continued)

Primer code	Forward and reverse	Annealing temperature (°C)	Product size (bp)	Linkage group
<i>Xtxp159</i>	F-ACCCAAAGCCCAAATCAG R-GGGGGAGAAACGGTGAG	49	180	E
<i>Xgap206</i>	F- ATTCATCATCCTCATCCTCGTAGAA R - AAAAACCAACCCGACCCACTC	65	117	E
<i>Xtxp211</i>	F - TCAACGGCCAATGATTTCTAAC R - AGGTTGCGAATAAAAAGGTAATGTG	57	220	B
<i>Xtxp218</i>	F - CCGGAAAACCTGCT ACTG R - ACGCCGGAAGGAGAAG	51	200	C
<i>Xtxp228</i>	F - ACAGGTTGGCGATGTTTCTCT R - TTCTTTTTCGAATTCATTCCTTTT	57	222	C
<i>Xtxp230</i>	F - GCTACCGCTGCTGCTCT R - AGGGGGCATCCAAGAAAT	51	193	F
<i>Xtxp248</i>	F - GGGTGTCCAATGTTGTCTGC R - GGCCGTTACTGTCCCTTACTCA	57	210	A
<i>Xtxp250</i>	F - GCACA TCCTCT AAAACT ACTT ACT R - GAACAGGACGA TGTGA T AGAT	61	280	H
<i>Xtxp285</i>	F - ATTTGATTCTTCTTGCTTTGCCTTGT R - TTGTCATTTCCCCCTTCTTTCTTTT	63	234	C
<i>Xtxp286</i>	F - AGCAGCAGCAACACAG R - GCGTGGTCTTTGTGGTTC	57	212	B
<i>Xtxp298</i>	F - GCATGTGTCAGATGATCTGGTGA R - GCTGTTAGCTTCTTCTAATCGTCGGT	63	187	B
<i>Xtxp312</i>	F - CAGGAAAATACGATCCGTGCCAAGT R -GTGAACTATTCGGAAGAAGTTTGGAGGAAA	69	167	E
<i>Xtxp316</i>	F - CCAGCTTCACTTACGAGGAGATG R - ATGCCCGTTTTCTAATTCTTCTACT	64	424	A
<i>Xtxp317</i>	F - CCTCCTTTTCTCCTCCTCCC R - TCAGAA TCCT AGCCACCGTTG	63	160	I
<i>Xtxp319</i>	F - TAGACATCTGAATTAAGGAGC R - CATGCCCTGAAAGAGA	53	170	A
<i>Xtxp331</i>	F - AACGGTTATTAGAGAGGGAGA R - AGTATAATAACATTTTGACACCCA	55	220	G
<i>Xtxp343</i>	F - CGATTGGACATAAGTGTC R - TATAAACATCAGCAGAGGTG	49	140	D
<i>Xtxp354</i>	F - TGGGCAGGGTATCTAACTGA R - GCCTTTTTCTGAGCCTTGA	55	154	H
<i>Xisp10332</i>	F - GCTTCTGCACGACAAATC R - TGCGAGGAACCTGTGTAT	51	199	C
<i>Xisp10361</i>	F - GTCGATTCCTTCCCTGTT R - ACTCCAATAGTGGTGCGA	49	189	C