

Supplementary Information for

A chimeric mitochondrial gene *FA323* confers male sterility in Fujian cytoplasmic male sterile rice

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FA323 coding sequence

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ATGCCTAAACTTGATAAATTGACTTATTTCTCACAATTCTTCTGGTTCTGCCTTCTCCTA
GTAAGTAGCTCACGAGGAATGGGGGGACAGATTCCCTCAATCTCGAGATACGAACGTA
TCGTGTCAAAATTTATTGGAAAATTTTTCTTCAGTGGTTTGTGGACCGATAGACCTTACC
TTATTTTATTTTATTTCCCTCATTTTTTTGGGACTTTATATTGTCAGAAGGAGGAGGGA
GGCTTTTTCTCTACTCTAATTGGATCCTTCTCTGGTTTGTTCGTTTTTTTTTGTGGAA
GGCCAGAGGTAGCTTACGCTATGGAGAACCCACCAGGGCCTGGGCCTAGTGAAGCG
GGTCCTGAAGGATCCGCTGCACCGCCGGCAGGGGAAATTGCGTTGGCCCTTACGCCGC
CCTCGTCCTCCTTTCAAGAAAGCACGGGGGAAATGGACGCGCTGATGGCATCAACGAC
TCCTTCCGCGCCGCGGACACCCTCCGGGGGGGAACCTTCGGTCAATCAACCGCTTCCA
GGGGAGCAAGCTATGCCTCCCGCTCTTCCCGTTATGCAGGAAGCTGCTAATCGGGCTCC
GCCCTACGCGCCCTACCCGTATCCAGTTGACGAGATAATAGGAGGGGATAGCGTGCAAT
CCATTCAAAGGAGAATTTTGGGAGCTAATTGGAATCCTTCCGCCCATGACATGCAAATG
TCCCGGATTCAAGCGGAGGATCTATTTGAACTGAAAGTGGAATCATAAGAAAGATGG
CGGGCCTGCATCCAAGTGCGATTGGATGGGATGGGGCGCGCGGGCCTTGGACAACC
CCCGTACGGCCACTGGCGAGGAAGACTTGGCTAGGTTGCACCAAATGCTCGACGACCT
ACAGAGCCGGAATGAGCAATCAGCTACCTTCTGGCGCTTGGTCGAAAGAGTCCGCTTA
CGGGCGGATGAGGATCAAACTCAGCCTCCTAG
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Fig. S1 Partial panicles of male sterile transgenic plants with no bagged seed set. Scale bars, 2 cm