

a

AT3G22670 (MISF2) gene structure

5'...ggtcactgtcgcagcagtttagattttgacggcgtagaaaagcagaaaggtacgaagacgatgaccacacgaggttccttaaaa
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AGAGGAGTCGCCGATTGTTGCCGCAGAGTCACCGGAGCTACCGTCTTGGATTAAAGACTTTCTATCAAACAAGCCTTCTTCTTC
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TCTCACAGTCCTTTATCTGTTTCG←TAGagatttagagttttggagccttggctcaaagttttgttttcctttctgttgaatgata
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b

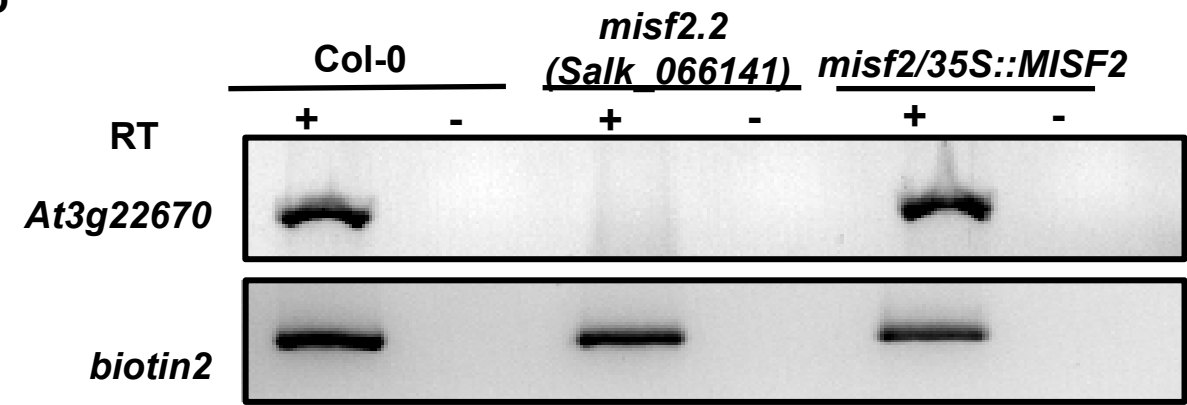


Figure S3. Nucleotide sequence of the MISF2 gene and precise location of T-DNA insertion site. (a) Nucleotide sequence of MISF2, encoded by the At3g22670 gene-locus. Lowercase letters indicate 5' and 3' untranslated regions (UTRs), as revealed by RACE analysis and the TAIR database, while uppercase letters correspond to the MISF2 open reading frame. Positions of T-DNA insertions in *misf2.1* (SALK-067654) and *misf2.2* (SALK-066141) lines are indicated. (b) RT-PCR analysis monitoring the expression of MISF2 in wild type (Col-0), homozygous *misf2.2* mutants (*Salk_066141*) and functionally complemented *misf2.2* plants (*misf2/35S::MISF2*).