

Moderate Soil Drying-Induced Alternative Splicing Provides a Potential Novel Approach for the Regulation of Grain Filling in Rice Inferior Spikelets

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Supplementary Figure Legends

Supplementary Figure S1 Alternative splicing events

Supplementary Figure S2 DAS genes involved in spliceosome by KEGG analysis in inferior spikelet at 9 DAA under CK and MD treatment.

Supplementary Figure S3 DAS genes involved in starch and sucrose metabolism by KEGG analysis in inferior spikelet at 9 DAA under CK and MD treatment.

Supplementary Figure S4 Small-RNA sequencing result of osa-miR444b and osa-miR439f

Supplementary Table Legends

Supplementary Table S1 Summary of AS type of rice inferior spikelets under CK and MD conditions

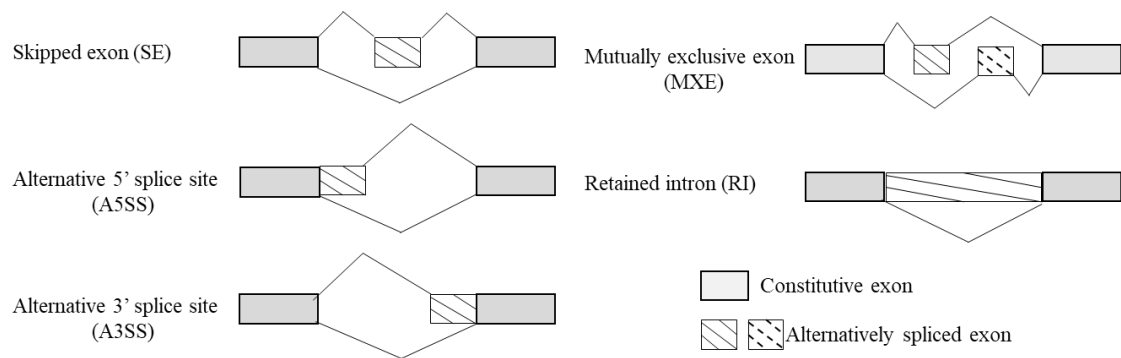


Figure S1. Alternative splicing events

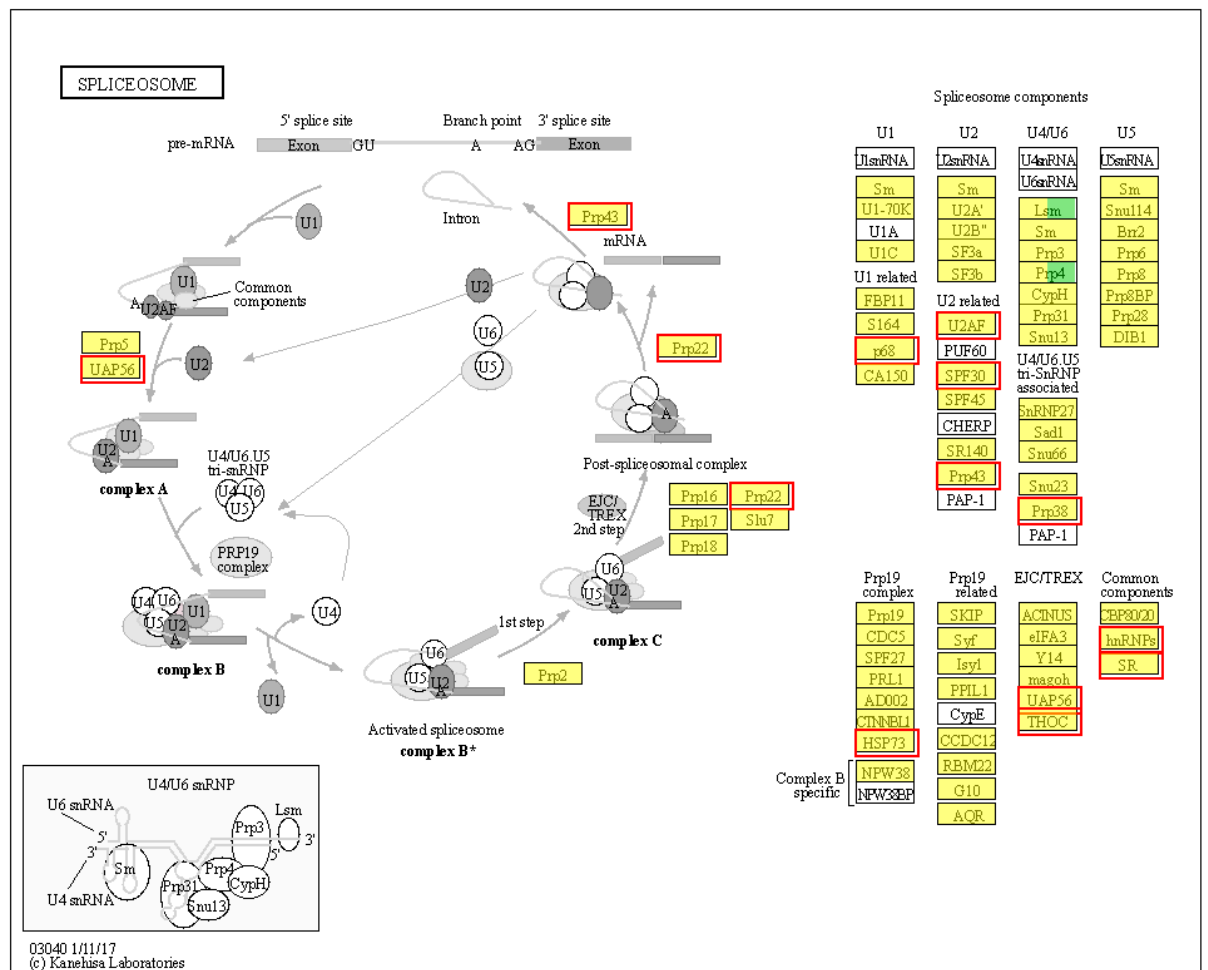


Figure S2. DAS genes involved in spliceosome by KEGG analysis in inferior spikelet at 9 DAA under CK and MD treatment.

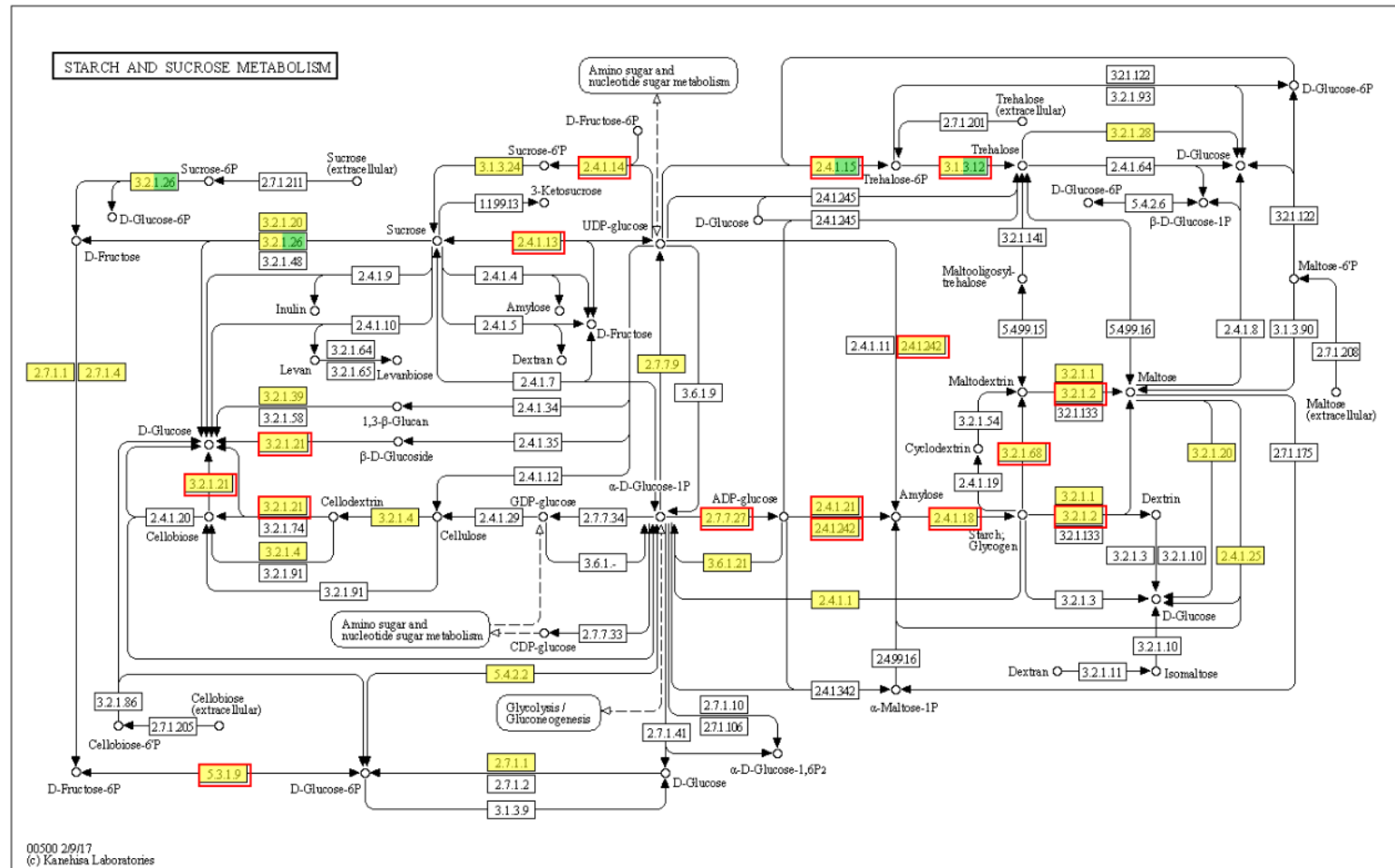


Figure S3. DAS genes involved in starch and sucrose metabolism by KEGG analysis in inferior spikelet at 9 DAA under CK and MD treatment.

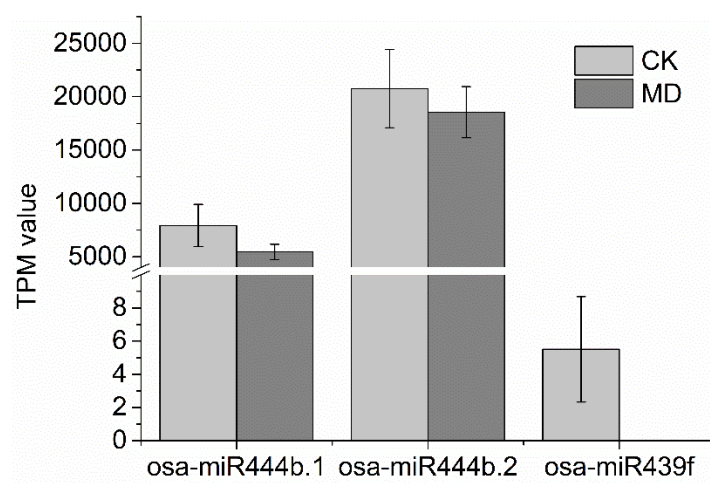


Figure S4. Small-RNA sequencing result of osa-miR444b and osa-miR439f

Table S1. Summary of AS type of rice inferior spikelets under CK and MD conditions

Treatment	SE	RI	A5SS	A3SS	MXE	Total
CK	6548±18	2457±66	1747±32	3166±33	347±5	14264±146
MD	6724±35 **	3288±41 **	1964±19 **	3450±38 **	362±2 **	15788±131 **