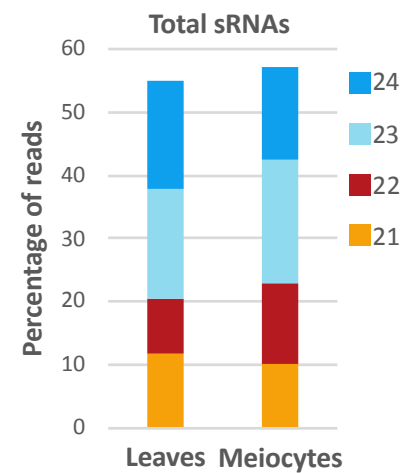
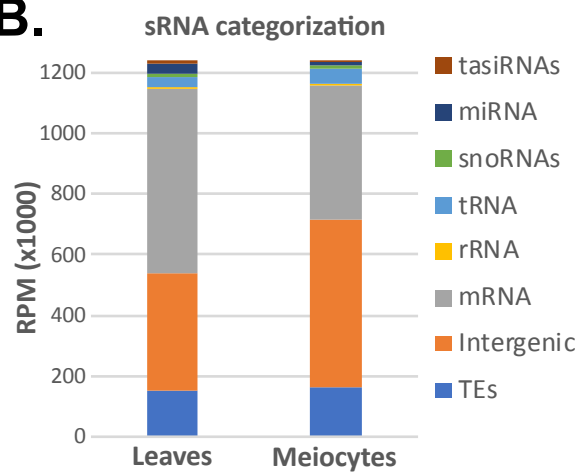


Supplementary Figure 1.

A.



B.



C.

miR839	miRNA 19 CUUGCUACUUU-CCAACCAU 1 Target 1330 GAAUGAUGAAAUGGUUGGUA 1349	AT2G33710 ERF (ethylene response factor) subfamily B-4 of ERF/AP2 transcription factor family.	Predicted
miR780	miRNA 21 UACGGUCUAUAAGUGCUUCUU 1 Target 1874 AUGUCUGAUUAUCAUGAAGAU 1894	AT5G41610 member of Putative Na ⁺ /H ⁺ antiporter family	Confirmed
miR157	miRNA 21 CACGAGAGAUAGAAGACAGUU 1 Target 2368 GUGCUCUCUCUCUUCUGUCAA 2388	AT1G27370, AT5G43270, AT1G27360, AT2G4220, AT3G57920, AT1G69170... Squamosa promoter binding protein-like	Confirmed
miR172	miRNA 21 UACGUCGUAGUAGUUCUAAGA 1 Target 1647 AUGCAGCAUCAUCAGGAUUCU 1667	AT5G60120, AT4G36920, AT5G67180, AT2G28550 ... AP2 family transcription factor	Confirmed
miR166	miRNA 21 GGAGCUCGGU-CUGUUGUCAGG 1 Target 354 CUUUGAGCUAUGAUGAUGGUCC 375	AT5G60690, AT2G34710, AT2G46685... HD-ZIPIII family members	Confirmed
miR860	miRNA 21 UAUGUAUCAGGUUAGAUAAACU 1 Target 145 AUAUAUAUCCAUAUUGUUGA 165	AT3G12640, AT1G24967, AT3G33139 RNA-binding proteins, transposable elements	Predicted/ Confirmed