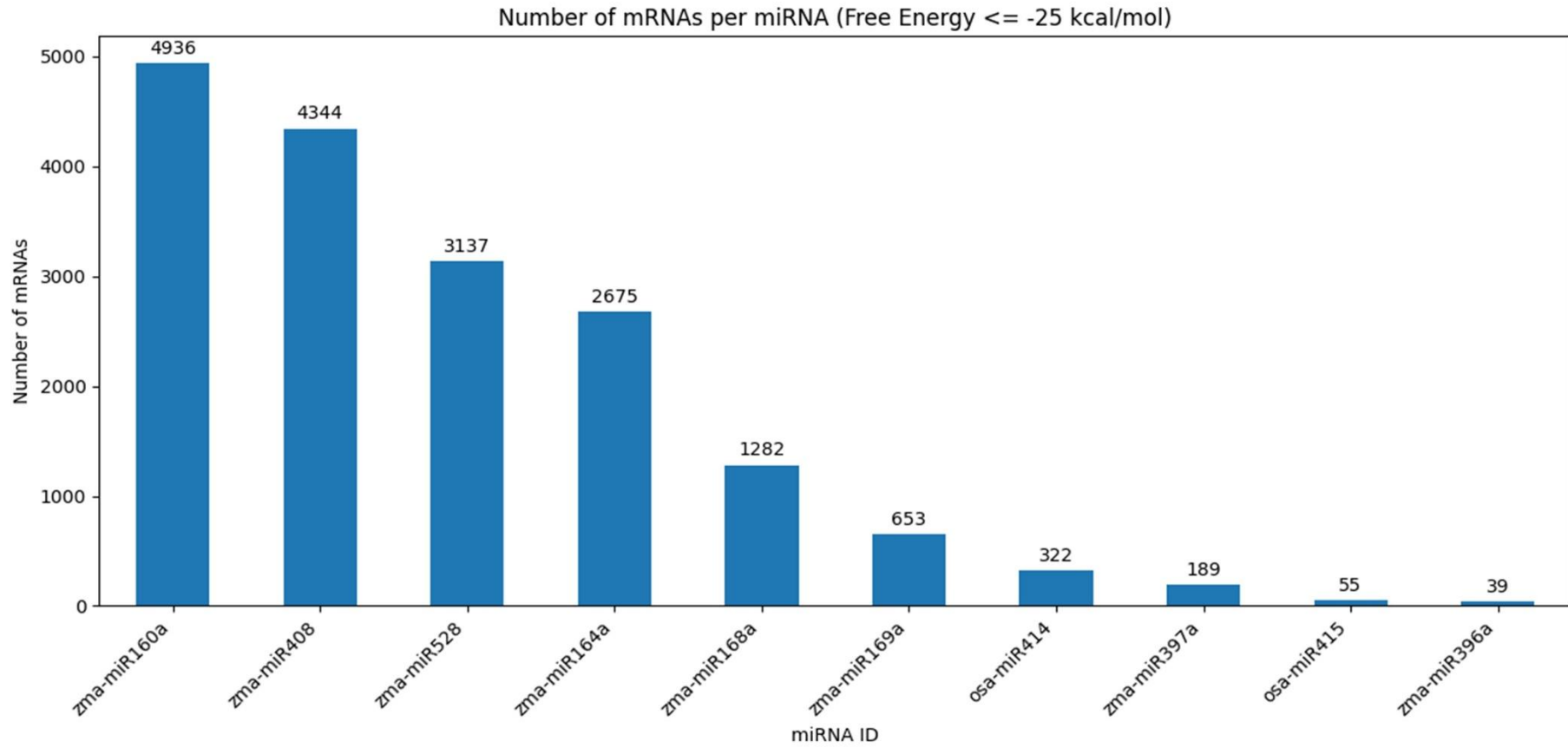
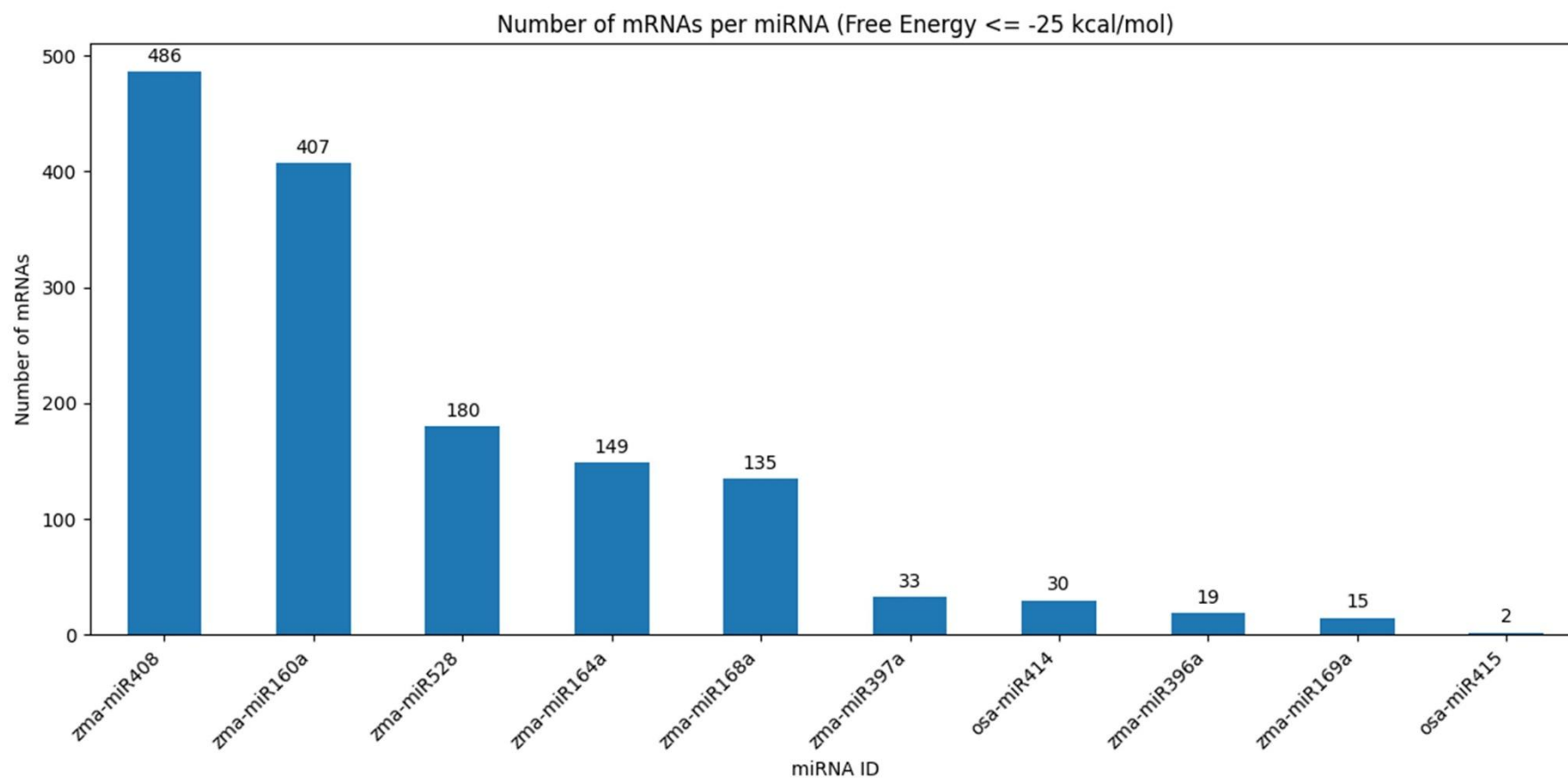


### Supplementary Material 1



**Figure S1.** Number of predicted interactions between conserved miRNAs and the dataset of 33,332 germination-related mRNAs of maize retrieved from GenBank, calculated at a threshold of MFE  $\leq -25$  kcal/mol. Bars represent the total number of mRNAs forming stable thermodynamic duplexes with each miRNA.



**Figure S2.** Number of predicted interactions between conserved miRNAs and the dataset of 2,084 ribosomal protein mRNAs of maize genome retrieved from GenBank, calculated at a threshold of MFE  $\leq -25$  kcal/mol. Bars represent the total number of mRNAs forming stable thermodynamic duplexes with each miRNA.