



**Figure S1.** Comparative analysis of TASR-missed and TASR-identified fractions using the rice gene family ENSPM7\_OS as an example. (A) Blue corresponds to recovered paralogs (TASR+) and red to missed ones (TASR-). (B) The percentage of paralogs targeted (siRNA+) or not (siRNA-) by 24 nt-siRNAs for TASR+ and TASR-. (C) Sequence divergence between TASR- and TASR+ paralogs.