

Additional File 4: Degradome analyses of predicted tRFs targets. The tRFs acronyms, target loci, tRFs:target alignments, target descriptions, GO biological processes and GO molecular functions. The region of predicted target cleavage is showed by underlined regions.

tRFs	Target loci	tRFs:target alignments	Target Descriptions	GO Biological Processes	GO Molecular Functions
AlaAGC (19mer)	AT3G61060.1	tRF 17 UAGACUC <u>G</u> AUGUAGGG 1 : : : : : : : : : : : : : : Target 1206 AUCUGGG <u>C</u> UGCAUUCUC 1222	Phloem protein 2-A13 (PP2-A13)	Involved in response to wounding	Functions in carbohydrate binding
ArgCCT (19mer)	AT3G05050.1	tRF 19 AGGUGACUC <u>G</u> AUGUCCGCG 1 : : : : : : : : : : : : : : Target 1164 UUCACUGAGCAACAGGUUA 1182	Protein kinase superfamily protein	Involved in protein phosphorylation	Funtions in serine/threonine kinase activity
ArgTCG (19mer)	AT2G24790.1	tRF 18 GGUGACGCG <u>A</u> UACGCCAG 1 : : : : : : : : : : : : : : Target 261 CCGCUGCGUUAUGCGUCA 278	COL3 (CONSTANS-LIKE 3) transcription factor	Involved in regulation of photomorphogenesis, regulation of transcription	Functions in protein binding, zinc ion binding
GlyTCC (19mer)	AT3G57280.1	tRF 18 GGCAACCUGAUGUCUGCG 1 : : : : : : : : : : : : : : Target 925 CUGUUGG <u>A</u> UUACUGGUGU 942	Transmembrane protein 14C	unknown	unknown