

Supplemental Data S1. Distribution of tissue specific events among different APA classes

APA-class	Alternative transcript events	Tissue specific event in Arabidopsis	Tissue specific event in rice using MPSS	Tissue specific event in rice using DGE
1	3' UTR	928 (9%)	5980 (27%)	4864 (22%)
2	upstream of stop codon	1150 (11%)	1791 (24%)	1533 (21%)
3	Exclusively upstream of stop codon	4175 (36%)	3299 (42%)	3821 (48%)
4	Exclusively in an exon except last one	1814 (39%)	2302 (36%)	2580 (40%)
5	Last coding Exon	1863 (38%)	1663 (45%)	1894 (51%)
6	Exclusively Intron	38 (38%)	367 (39%)	471 (49%)
7	In intron	399 (32%)	772 (43%)	1147 (64%)
8	5'UTR	841 (41%)	1291 (42%)	1532 (50%)