

Supporting Information TableS2. Gene models in each combination of updated structural features.

5'UTR	CDS	3'UTR	Phytozome 8.0	MIPS1.2
Extention	Modification	Extention	32	29
Extention	Modification	Addition	2	4
Extention	Modification	Others	31	34
Extention	Modification		45	46
Addition	Modification	Extention	98	97
Addition	Modification	Addition	106	106
Addition	Modification	Others	30	28
Addition	Modification		245	244
Others	Modification	Extention	16	15
Others	Modification	Addition	2	2
Others	Modification	Others	23	19
Others	Modification		31	35
	Modification	Extention	18	18
	Modification	Addition	13	13
	Modification	Others	7	8
	Modification		20	19
Extention		Extention	324	321
Extention		Addition	38	37
Extention		Others	23	22
Extention			1,543	1,528
Addition		Extention	431	419
Addition		Addition	569	569
Addition		Others	14	12
Addition			1,729	1,720
Others		Extention	8	13
Others		Others	37	23
Others			22	17
		Extention	544	539
		Addition	235	236
		Others	5	7
	Modified		6,241	6,180
	Not modified		24,768	24,829
	Total		31,009	31,009