

Table 1 Types of duplication of three-domain multi-copper oxidase family genes in grass

Species	Singleton		Dispersed		Proximal		Tandem		WGD or segmental		Number	
	Genome	Gene	Genome	Gene	Genome	Gene	Genome	Gene	Genome	Gene	genome	Gene
<i>Z.mays</i>	14 289	0	31 136	18	2 976	5	2 729	4	12 350	13	63 480	40
<i>S.bicolor</i>	7 375	0	16 212	17	2 238	3	4 161	14	5 504	8	35 490	42
<i>S.italica</i>	5 556	0	16 062	28	2 238	10	4 605	23	6 123	9	34 584	70
<i>B.distachyon</i>	7 311	0	18 893	19	2 372	4	3 146	12	4 925	7	36 647	42
<i>H.vulgare</i>	3 625	2	25 681	21	4 261	6	3 803	11	2 364	3	39 734	43
<i>O.sativa</i>	8 776	0	19 737	19	3 283	8	4 042	8	6 351	11	42 189	46