

**Table S5.** A summary of nsLTP genes in maize, sorghum, rice and Arabidopsis.

Group	<i>Zea mays</i>	<i>Sorghum bicolor</i>	<i>Oryza sativa</i>	<i>A. thaliana</i>
Type 1	8	9	18	13
Type 2	9	7	13	13
Type C	2	2	2	3
Type D	16	13	14	12
Type E	0	0	0	2
Type G	26	24	27	29
single	2	3	3	7
Tota	63	58	77	79