

**Table S3. Statistics of gene families among 12 plant species.**

<b>Species</b>	<b>Genes number</b>	<b>Genes in families</b>	<b>Unclustered genes</b>	<b>Family number</b>	<b>Unique families</b>	<b>Average genes per family</b>
<b>Baizhima</b>	31,558	30,079	1,479	22,837	11	1.32
<b>Mishuozhima</b>	30,995	29,678	1,317	22,660	8	1.31
<b>Swetha</b>	41,859	33,621	8,238	20,662	185	1.63
<b>Yuzhi11</b>	26,022	24,907	1,115	19,384	8	1.28
<b>Zhongzhi13</b>	36,189	32,448	3,741	23,541	155	1.38
<i>Utricularia gibba</i>	25,930	18,227	7,703	10,640	551	1.71
<i>Solanum lycopersicum</i>	33,785	25,887	7,898	16,561	504	1.56
<i>Solanum tuberosum</i>	39,021	31,796	7,225	16,238	800	1.96
<i>Vitis vinifera</i>	29,927	22,403	7,524	13,417	778	1.67
<i>Arabidopsis thaliana</i>	27,628	23,649	3,979	12,835	866	1.84
<i>Zea mays</i>	39,498	32,527	6,971	15,880	1,820	2.05
<i>Oryza sativa</i>	35,679	24,645	11,034	15,365	1,326	1.6