

**Table S10.** Statistic of different copy genes in 10 species.

<b>Species</b>	<b>Single-copy families</b>	<b>gene Unclustered genes</b>	<b>Multiple copy genes</b>
<i>Cuscuta australis</i>	10781	1265	7625
<i>Cuscuta campestris</i>	2570	2413	40799
<i>Ipomoea pes-caprae</i>	9879	1961	22237
<i>Ipomoea triloba</i>	10390	1325	19643
<i>Ipomea trifida</i>	10203	1321	20777
<i>Oryza sativa</i>	7818	7591	20257
<i>Actinidia chinensis</i>	5426	1422	26267
<i>Solanum tuberosum</i>	9980	2085	20852
<i>Solanum lycopersicum</i>	10337	4287	19805
<i>Vitis vinifera</i>	10117	4234	15576