

**S7 Table.** Quality of sequencing samples. Replicates are biological replicates. *Cr*, *Capsella rubella*, *Cg* *Capsella grandiflora*.

Library	Mapped Reads	Average Coverage	Average Reads per Gene	Mapping Efficiency
<i>Cr</i> × <i>Cr</i> Rep1	69,225,933	45.04	1282	96%
<i>Cr</i> × <i>Cr</i> Rep2	51,777,128	34.81	937	89%
<i>Cr</i> × <i>Cg</i> Rep1	69,802,639	44.64	1292	95%
<i>Cr</i> × <i>Cg</i> Rep2	53,293,936	33.69	936	88%
<i>Cg</i> × <i>Cg</i> Rep1	61,373,924	38.65	1131	96%
<i>Cg</i> × <i>Cg</i> Rep2	56,617,904	36.05	1026	89%
<i>Cg</i> × <i>Cr</i> Rep1	61,471,676	41.45	1111	87%
<i>Cg</i> × <i>Cr</i> Rep2	54,225,770	35.24	970	91%