

Supplementary Table 12. The statistics of clustered gene families in 12 species

Species	Number of genes	Genes number in families	Unclustered genes number	Gene families number	Unique families number	Average genes number per family
<i>N.officinale</i>	38,945	32,248	6,697	16,004	315	2.01
<i>A.arabicum</i>	37,839	31,519	6,320	14,626	981	2.15
<i>A.lyrata</i>	32,218	27,295	4,923	18,230	697	1.50
<i>A.thaliana</i>	27,169	25,014	2,155	17,812	160	1.40
<i>B.rapa</i>	48,711	39,216	9,495	20,421	1,076	1.92
<i>B.oleracea</i>	59,218	45,924	13,294	21,034	1,205	2.18
<i>C.rubella</i>	28,447	26,673	1,774	17,447	362	1.53
<i>C.hirsuta</i>	37,997	32,136	5,861	17,974	624	1.79
<i>C.papaya</i>	27,725	18,390	9,335	11,828	737	1.55
<i>L.alabamica</i>	38,676	31,470	7,206	15,593	901	2.02
<i>T.halophila</i>	29,284	26,876	2,408	16,709	227	1.61
<i>T.parvula</i>	25,263	22,886	2,377	16,159	181	1.42