

Additional file 3: Table S2. Duplication events of *GmGRFs*.

Segment pairs	Duplication Type	Ka	Ks	Ka/Ks
<i>GmGRF1 & GmGRF8</i>	WGD or segmental duplication	0.01707	0.10052	0.16980
<i>GmGRF2 & GmGRF10</i>	WGD or segmental duplication	0.02404	0.05738	0.41902
<i>GmGRF2 & GmGRF11</i>	WGD or segmental duplication	0.14613	0.50439	0.28971
<i>GmGRF2 & GmGRF13</i>	WGD or segmental duplication	0.59754	1.50426	0.39723
<i>GmGRF3 & GmGRF9</i>	WGD or segmental duplication	0.97777	1.07045	0.91343
<i>GmGRF3 & GmGRF20</i>	WGD or segmental duplication	0.04917	0.14414	0.34109
<i>GmGRF4 & GmGRF5</i>	WGD or segmental duplication	0.98223	1.05698	0.92927
<i>GmGRF6 & GmGRF7</i>	WGD or segmental duplication	0.49383	1.07872	0.45779
<i>GmGRF6 & GmGRF14</i>	WGD or segmental duplication	0.69148	0.92171	0.75022
<i>GmGRF6 & GmGRF15</i>	WGD or segmental duplication	0.84738	1.41322	0.59961
<i>GmGRF6 & GmGRF16</i>	WGD or segmental duplication	0.01202	0.09606	0.12518
<i>GmGRF6 & GmGRF17</i>	WGD or segmental duplication	0.97983	1.06030	0.92410
<i>GmGRF7 & GmGRF14</i>	WGD or segmental duplication	0.22864	0.23588	0.96933
<i>GmGRF7 & GmGRF15</i>	WGD or segmental duplication	0.01341	0.10911	0.12286
<i>GmGRF7 & GmGRF16</i>	WGD or segmental duplication	0.51802	1.04386	0.49625
<i>GmGRF7 & GmGRF17</i>	WGD or segmental duplication	0.23990	0.23990	0.99997
<i>GmGRF9 & GmGRF20</i>	WGD or segmental duplication	0.78413	0.72390	1.08321
<i>GmGRF10 & GmGRF11</i>	WGD or segmental duplication	0.12365	0.53004	0.23328
<i>GmGRF10 & GmGRF13</i>	WGD or segmental duplication	0.18986	0.09688	1.95973
<i>GmGRF14 & GmGRF15</i>	WGD or segmental duplication	0.16360	0.47851	0.34189
<i>GmGRF14 & GmGRF16</i>	WGD or segmental duplication	1.05567	0.84077	1.25561
<i>GmGRF14 & GmGRF17</i>	WGD or segmental duplication	0.36359	0.27617	1.31652
<i>GmGRF15 & GmGRF16</i>	WGD or segmental duplication	0.52220	0.95654	0.54593
<i>GmGRF15 & GmGRF17</i>	WGD or segmental duplication	0.71435	1.17212	0.60946
<i>GmGRF16 & GmGRF17</i>	WGD or segmental duplication	0.70230	0.81631	0.86033
<i>GmGRF18 & GmGRF21</i>	WGD or segmental duplication	0.03507	0.16629	0.21089
<i>GmGRF18 & GmGRF19</i>	Tandem duplication	0.32966	0.47921	0.68792
<i>GmGRF21 & GmGRF22</i>	Tandem duplication	0.21642	0.33387	0.64822