

**Supplementary Table 1.** Mutations in *gga2-ts* alleles

<i>GGA2</i> alleles	Mutated residues
<i>gga2-2</i>	L47P
<i>gga2-4</i>	L84S, Y96C, L121S, E137G
<i>gga2-10</i>	N74S, A83D
<i>gga2-13</i>	L43S, I102T
<i>gga2-14</i>	K29R, H78Y, C94S
<i>gga2-21</i>	N73D, N74S, K113E, K143R
<i>gga2-32</i>	C142R, L161S
<i>gga2-33</i>	H78R, F115Y, S124F
<i>gga2-45</i>	I102S, K162E
<i>gga2-47</i>	V91D, M151V
<i>gga2-54</i>	I81T, V89A, I134V, Q139R, Y147V