

# Supplementary Materials: Identification and Evolution of Functional Alleles of the Previously Described Pollen Specific Myrosinase Pseudogene AtTGG6 in *Arabidopsis thaliana*

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**Figure S1.** Sequence comparison between the functional (from Tsu-1) and the disabled allele (from Col-0) of *AtTGG6* gene in *Arabidopsis thaliana*. The InDels leading to frame-shift mutations in Col-0 are highlighted in yellow. The exons are shown in capital letters, and the introns are shown in lower case.

**Table S1.** *AtTGG6* alleles from different ecotypes and their accession numbers in GenBank.

Allele	Accession Number
<i>AtTGG6_genomic-fll.sqn AtTGG6_Ag-0</i>	KU301827
<i>AtTGG6_genomic-fll.sqn AtTGG6_Bsch-0</i>	KU301828
<i>AtTGG6_genomic-fll.sqn AtTGG6_Gel-1</i>	KU301829
<i>AtTGG6_genomic-fll.sqn AtTGG6_La-0</i>	KU301830
<i>AtTGG6_genomic-fll.sqn AtTGG6_Ler-1</i>	KU301831
<i>AtTGG6_genomic-fll.sqn AtTGG6_Mr-0</i>	KU301832
<i>AtTGG6_genomic-fll.sqn AtTGG6_Oy-0</i>	KU30183a3
<i>AtTGG6_genomic-fll.sqn AtTGG6_Tsu-1</i>	KU301834
<i>AtTGG6_genomic-fll.sqn AtTGG6_Ty-0</i>	KU301835
<i>AtTGG6_genomic-fll.sqn AtTGG6_Wil-1</i>	KU301836
<i>AtTGG6_genomic-fll.sqn AtTGG6_Aa-0</i>	KU301837
<i>AtTGG6_genomic-fll.sqn AtTGG6_Ba-1</i>	KU301838
<i>AtTGG6_genomic-fll.sqn AtTGG6_Col-0</i>	KU301839
<i>AtTGG6_genomic-fll.sqn AtTGG6_Col-4</i>	KU301840
<i>AtTGG6_genomic-fll.sqn AtTGG6_Col-J</i>	KU301841
<i>AtTGG6_genomic-fll.sqn AtTGG6_Cvi-0</i>	KU301842
<i>AtTGG6_genomic-fll.sqn AtTGG6_Edi-0</i>	KU301843
<i>AtTGG6_genomic-fll.sqn AtTGG6_Gre-0</i>	KU301844
<i>AtTGG6_genomic-fll.sqn AtTGG6_JM-1</i>	KU301845
<i>AtTGG6_genomic-fll.sqn AtTGG6_JM-2</i>	KU301846
<i>AtTGG6_genomic-fll.sqn AtTGG6_Kas-1</i>	KU301847
<i>AtTGG6_genomic-fll.sqn AtTGG6_Mir-0</i>	KU301848
<i>AtTGG6_genomic-fll.sqn AtTGG6_Mz-0</i>	KU301849
<i>AtTGG6_genomic-fll.sqn AtTGG6_Pr-0</i>	KU301850
<i>AtTGG6_genomic-fll.sqn AtTGG6_Stw-0</i>	KU301851
<i>AtTGG6_genomic-fll.sqn AtTGG6_Ts-6</i>	KU301852
<i>AtTGG6_genomic-fll.sqn AtTGG6_Tul-0</i>	KU301853
<i>AtTGG6_genomic-fll.sqn AtTGG6_Van-0</i>	KU301854
<i>AtTGG6_genomic-fll.sqn AtTGG6_Ws-0</i>	KU301855
<i>AITGG4.sqn AITGG4</i>	KU301856
<i>AITGG4.sqn AITGG5</i>	KU301857
<i>AITGG4.sqn AITGG6</i>	KU301858
<i>AITGG4.sqn AITGG45</i>	KU301859