

Supplemental Table 2. Junction sequences of T-DNA alleles

Allele	Insertion Junction Sequence ^a
<i>phb-11</i>	AGGTACACGCCGGAG ⁺⁹⁶ /tagggatgaaaacgg- <i>Ds3'</i> <i>Ds5'</i> -ctactttcatccctg/C ⁺⁸⁹ GCCGGAGCAAGTGG
<i>phb-12</i>	RB-N/D (Intact at -638) ^b LB-gtcaattggtttaca/C ⁻¹⁶⁰ CAA AACTCCTTTTT
<i>phb-13</i>	AGAGACAGTGTGCT ⁺³⁶¹³ /[c]ttgtggtgtaaaca-LB RB-N/D (Intact at +3954) ^b
<i>phv-11</i>	CATTATTCACATCGT ⁺²⁰⁷⁶ /[g]aattgacgcttagaca-LB LB-gctgtgcccgtctc/G ⁺²⁰⁷⁵ TTGATCATGTGGAC
<i>cna-2</i>	TGCAGAAGCAAGTGT ⁺⁴³¹ /[+10 bp]atattcaattgtaaa-LB RB-N/D (Intact at +649) ^b
<i>athb8-11</i>	CTTATTATAGTAGTC ⁻⁵⁵⁰⁹ /[+88 bp]caccaaaagtttaggc-RB LB-attgaatatatcctg[+13 bp]/A ⁺⁴¹⁴⁹ AGAGCAGTAACGTA
<i>athb8-12</i>	ACAAGATCATACTAA ⁻³⁰¹ /[+34 bp]aaacactgatagtt-RB LB-aaacgtccgcaatg/G ⁻²⁶⁶ TTATTAATCTTAAA

^a The 5' and 3' junctions (relative to the HD-Zip gene) were sequenced after PCR amplification using gene-specific and insertion-specific primers. The junctions between the plant (capital letters) and insertion (lower-case letters) sequences are indicated by a slash. Nucleotides of unknown origin are bracketed. The superscript numbers indicate the nucleotide positions of the plant/insertion junction relative to the first nucleotide of the HD-Zip gene's start codon.

^b N/D, Not determined. PCR amplification using gene-specific and T-DNA right border primers failed, but amplification using pairs of gene-specific primers indicates the adjacent gene sequences remain intact. Numbers indicate first intact nucleotide.