

Supplemental Table I: Primers used for genotyping

Mutant	Forward Primer	Reverse Primer
<i>ibr1-1</i> ¹ At4G05530	CGCAACTCACTTTCATCGCTTAGAG	TGAAAGTGAGAGATGGTGAAACCTGT
<i>ibr3-1</i> ² At3G06810	ATGGTGCAGTCTTCCAGGGCCTAACC	GAGGATTCGAGATTGCTCAGGTAATA
<i>ill2-2</i> ³ <i>genomic</i> At5G56660	GCATGCTTGTGGACATGATGGTCA	AAATAGCTTCGACGTTCTTC
<i>ill2-2</i> <i>insertion</i>	GTCAGTTTCACGTGAAACCAA	GCCTTTTCAGAAATGGATAAATAGCC
<i>iar3-6</i> <i>genomic</i>	ATAGAAGCTTGACACTGCATAAC	GCAACTCAAGAAAAGAATTGAGC
<i>iar3-6</i> <i>insertion</i> At1G51760	ATAGAAGCTTGACACTGCATAAC	CAAACCAGCGTGGACCGCTTGCTGCA
<i>ilr1-5</i> ⁴ At3G02875	CAATCATCGCTTCCGCTA	CCACGCAGCTACACCGCA
<i>mes17</i> <i>genomic</i>	CTCCGGCGTAATCGATGGCGGAGGA	CACCATGTTCTGATAGATCAGGCACT
<i>mes17</i> <i>insertion</i> At3G10870	CACCATGTTCTGATAGATCAGGCACT	CAAACCAGCGTGGACCGCTTGCTGCA

1, product must be digested with *AluI*; 2, product must be digested with *PstI*; 3, product must be digested with *BspHI*; 4, product must be digested with *RsaI*

Supplemental Table II: Primers used for qPCR

Target	Forward Primer	Reverse Primer
<i>YUC1</i> At4G32540	ACCTCGTCCGACATAACGCATC	TCCCTTGGCAACACATGAACGG
<i>YUC2</i> At4G13260	TTTGGACGTTGGCACTCTTGC	CGTTTCAACTCCGGATACACCTTG
<i>YUC3</i> At1G04610	ATGGTCGTTTCGTAGCGCTGTTC	GCGAGCCAAACGGGCATATACTTC
<i>YUC4</i> At5G11320	AATGTACCCGATTGGCTTAAGGAG	ACCCACCGTGTATAGTCCCTTC
<i>YUC5</i> At5G43890	AACGCGTGGAAAGGGAAATCGG	TCTGCTGATGCTCCAGCCAATC
<i>YUC7</i> At2G33230	ACTCAGGCATGGAAGTCTCTCTTG	AACGGAGCTTCGAACGACCATTG
<i>YUC8</i> At4G28720	GCGGTTGGGTTTACGAGGAAAG	TGCGATCTTAACCGCGTCCATTG
<i>YUC9</i> At1G04180	AGTCCGGCGAGAAATTCAGAGG	AACATGAACCGAGCTTCTAACGAC
<i>YUC10</i> At1G48910	TCCGTTTGCAATTGGTTAGAGGAC	TTTGGCATCGGTGCTTTGGG
<i>TAA1</i> At1G70560	TTCGTGGTCAATCTGGATCATGG	ACACCTGTCACCCATCTTCCTC
<i>TAR2</i> At4G24670	GCTCTTCACTGCTTCAAAGAGCAC	TCTGTCTTTCACCAAAGCCCATCC
<i>NIT1</i> At3G44310	GCATTGTACGCCAAAGGCATTGAG	GAATTGGCAAGCCGACAAGACG

<i>NIT2</i>	GCTTTGTACGCCAAAGGCATTGAG	AGAACTGGCAAGCCGACAATACG
At3G44300		
<i>MES17</i>	ACCACTCATCGACTTCCTCTCCTC	GTGACCCACAAGTATCACCTGTTC
<i>IAA18</i>	AGACAAGGAGGCATGTTTGTGAAG	TTTGAGCTGCAAGAAGACCTCTG
At1G51950		
<i>AUX1</i>	CAGCTGCGCATCTAACCAAGTG	GATGAGATAAGCAGTCCAGCTTCC
At2G38120		
<i>STY1</i>	ACCGGCAACTTCATCGTCTCTTG	TGCCAACTTCTAGCCCTGAATGAG
At3G51060		
<i>PLT3</i>	GCTGTTGTGGCTGTGGAAACATC	TCTTCCCGTCCATCTATGTCCGAG
At5G10510		
<i>PLT5</i>	AGCTTTCTCCACTTCTCCAGTCG	TGGTCTTGTTGTCGTCGTTGAGG
At5G57390		
<i>PLT7</i>	AGATCTTTACCTCGGAACCTTTCG	TGCAATGTCATAAGCCTCTGCTG
At5G65510		
<i>IBR3</i>	TTCTCGCAATGGCCAAGGTTGC	GCTGCTCCATGAACTTGTATTGCC
<i>IBR1</i>	ATCACCGGTAGCTCTGAAGTGAGG	ATGTCTCCCGTTGTTCCCAACC
<i>ECH2</i>	ATGGGCAGGATTTGATCCAGGTC	ACTGCTGCCCATGCAACAAGAG
At1G76150		
<i>IAR3</i>	AGGCGGTGGTGCTTTCAATGTG	CGCTTGCCTTGTGATAACCTGCTC
<i>TFL2</i>	GACAATGTCCAGGAAGTGTTGGTG	TGCTTCCTTCCCATCAGACCTC
At5G17690		
<i>UBQ10</i>	TTGGAGGATGGCAGAACTCTTGCT	AGTTTTCCCAGTCAACGTCTTAACGA
At4G05320		