

Table S5 Detection of the insertion sites of the *FfNoxA* OE and RNAi transformants

Transformants	The reads at the joint regions of Genome and Vector sequence	The position of plasmid	The position of genome
<i>FfNoxA</i> ^{OE#1}	>ST-E00600:234:H7T7CALXX:2:1170:11984:36276 1:N:0:CCTCCTGA CTTCTATCAATAAAAATTTCTAATTCCTAAAACCAA AATCCAGTACTAAAATCCAGATCCCCGAATTAAT TCGtcgcgatcttggccaggtgttcgtctctatgttacgcgagagtttgcgg ctctcacaactgtttagtagatcgtag	LB	Fv01-10 scaffold16: 285010- 285086 bp
	>ST-E00600:234:H7T7CALXX:2:2350:19949:16407 1:N:0:CCTCCTGA CGCAGCCTGAATGGCGAATGCTAGAGCAGCTTGA GCTTGGATCAGATTGTCGTTTCCCGCCTTCAGTTTA AACTATCAGTGaggatcgggccgaataactaataacatgggcattcct cgtaataattttaaatacagggcatcacccacg	RB	Fv01-10 scaffold16: 284960- 284892 bp
	>ST-E00600:234:H7T7CALXX:2:1326:24433:25019 2:N:0:CCGTGAGA GCAGGGTCGATGCGACGCAATCGTCCGATCCGGA GCCGGGACTGTCGGGCGTACACAAATCGCCCGCA GAAGCGCGGccgccccgccaccgcccaagtccgcacggcagtcgc gtctctctcgacagctccatctcgaggaggagacg	LB	Fv01-N scaffold111: 1079604-1079676 bp
<i>FfNoxA</i> ^{OE#1}	>ST-E00600:234:H7T7CALXX:2:2356:16351:14591 2:N:0:CCGTGAGA CTGAATGGCGAATGCTAGAGCAGCTTGAGCTTGG ATCAGATTGTCGTTTCCCGCCTTCAGTTTAAACTAT CAGTGTTTGACTGGGCTGGTCTCAAAAACAACTT TTGGAActcctgttgaaacctccgcttaacacaatatcctccagc	RB	Fv01-N scaffold111: 1078401-1078441 bp
	>ST-E00600:302:H7W5HALXX:1:2562:8196:34006 1:N:0:CCTAATCC ATCAGAGCTTGGTTGACGGCAATTTTCGATGATGCA GCTTGGGCGCAGGGTCGATGCGACGCAATCGTCC GATCCGGAGgccaccgccgcgaccacactcatgactgaggaggagaca ttgggtgccgcccctcaacagccgtatgggatg	LB	Fv01-10 scaffold5: 348281- 348209 bp
	>ST-E00600:302:H7W5HALXX:1:2216:27534:2644 1:N:0:CCTAATCC AACAGTTGCGCAGCCTGAATGGCGAATGCTAGAG CAGCTTGAGCTTGGATCAGATTGTCGTTTCCCGGC TTCAGTTTAAACTAgctgaggcagcatgtcgggcgccattccagg aggaatcggcagcgaccctcgaggcgctcgtcgt	RB	Fv01-10 scaffold5: 348346- 348412 bp
<i>FfNoxA</i> ^{RNAi#1}	>ST-E00600:234:H7T7CALXX:2:2301:10800:32503 1:N:0:CGACTGGA GGCTGTGTAGAACTACTCGCCGATAGTGGAACC GACGCCCCAGCACTCGTCCGAGGGCAAAGGAAT Agaatggcggaagcctaccaggataatatacatcactatggtgagaaatag aagcgctgatctcctggcacagttgggggaaa	LB	Fv01-10 scaffold7: 899522-899441 bp
	>ST-E00600:234:H7T7CALXX:2:1610:27263:4304 1:N:0:CGACTGGA AATGGCGAATGCTAGAGCAGCTTGAGCTTGGATC AGATTGTCGTTTCCCGCCTTCAGTTTAAACTATCA GTGTTTgacaataaccactgggcttctctagttcgagtcgtctttgtgca gtgttgagcctggaacatccgaggatgta	RB	Fv01-10 scaffold7: 899573- 899647 bp

Note. Capital letters indicate sequences that match the genome, lowercase letters represent sequences that match the plasmid. LB means the LB T-DNA repeat region of plasmid, RB means the RB T-DNA repeat region of plasmid.