

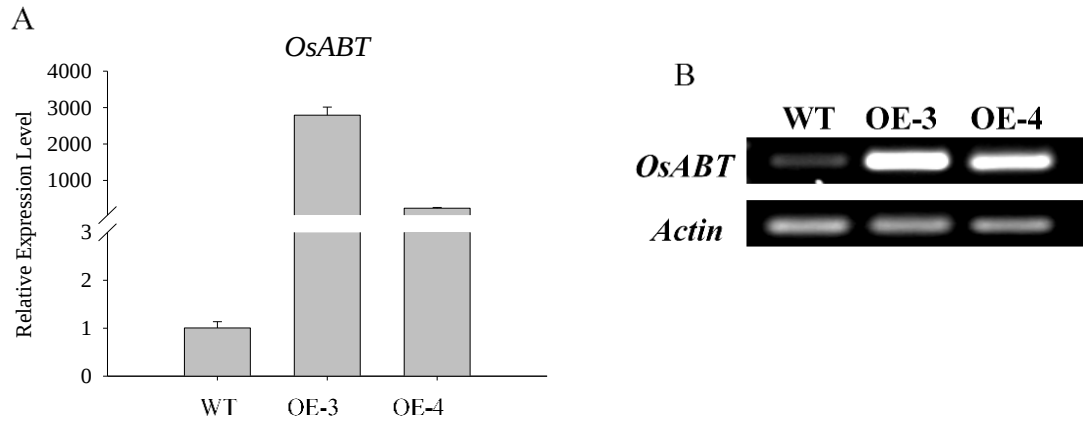


Figure S1. RT-PCR and qRT-PCR detection of *OsABT* overexpression lines. WT, wild type Nipponbare; OE-3 and OE-4, *OsABT* overexpression lines; Data are means $\pm$ SD of three independent experiments.

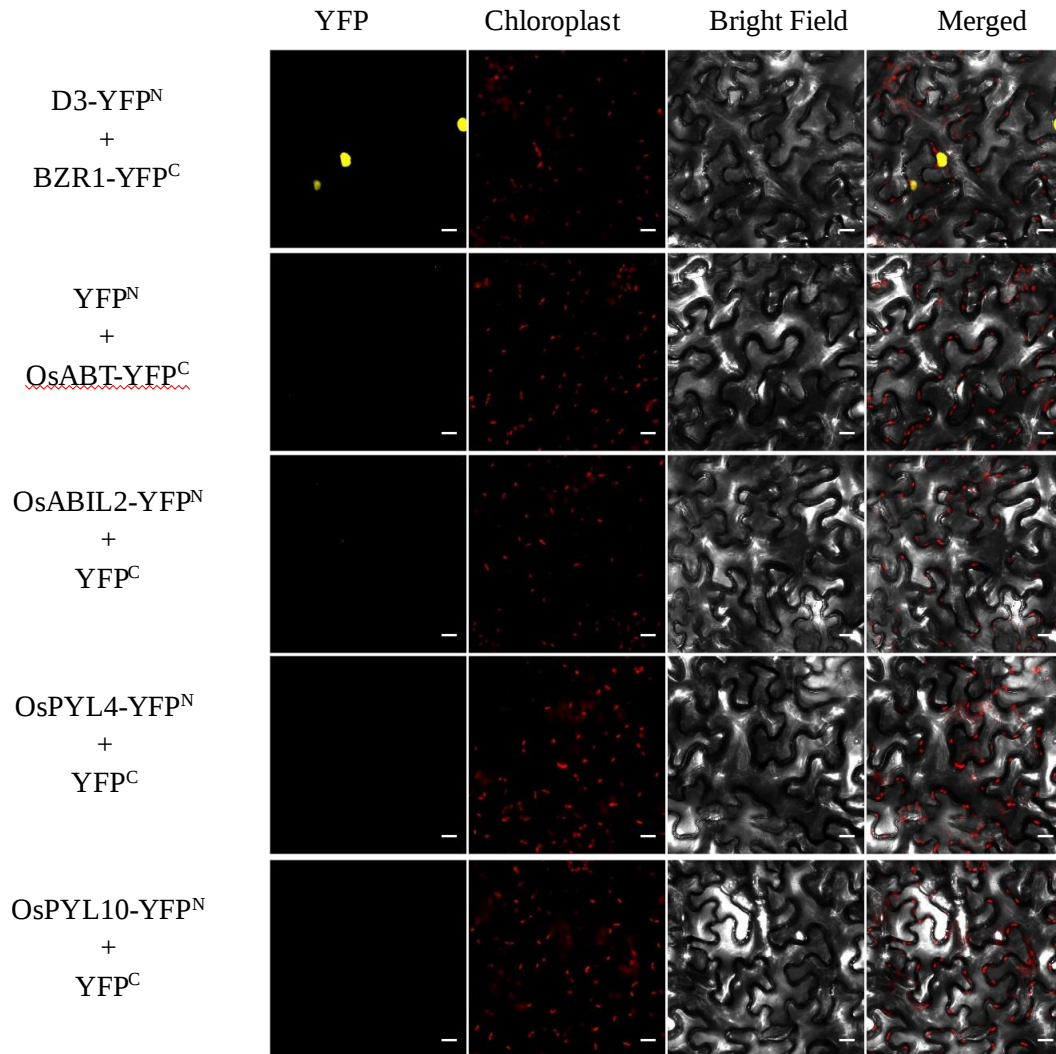


Figure S2. Bimolecular fluorescence complementation assay of the interactions between *OsABT* and *OsABIL2*, *OsPYL4*, *OsPYL10* in *Nicotiana benthamiana* leaves. Scale bars: 50 μ m.

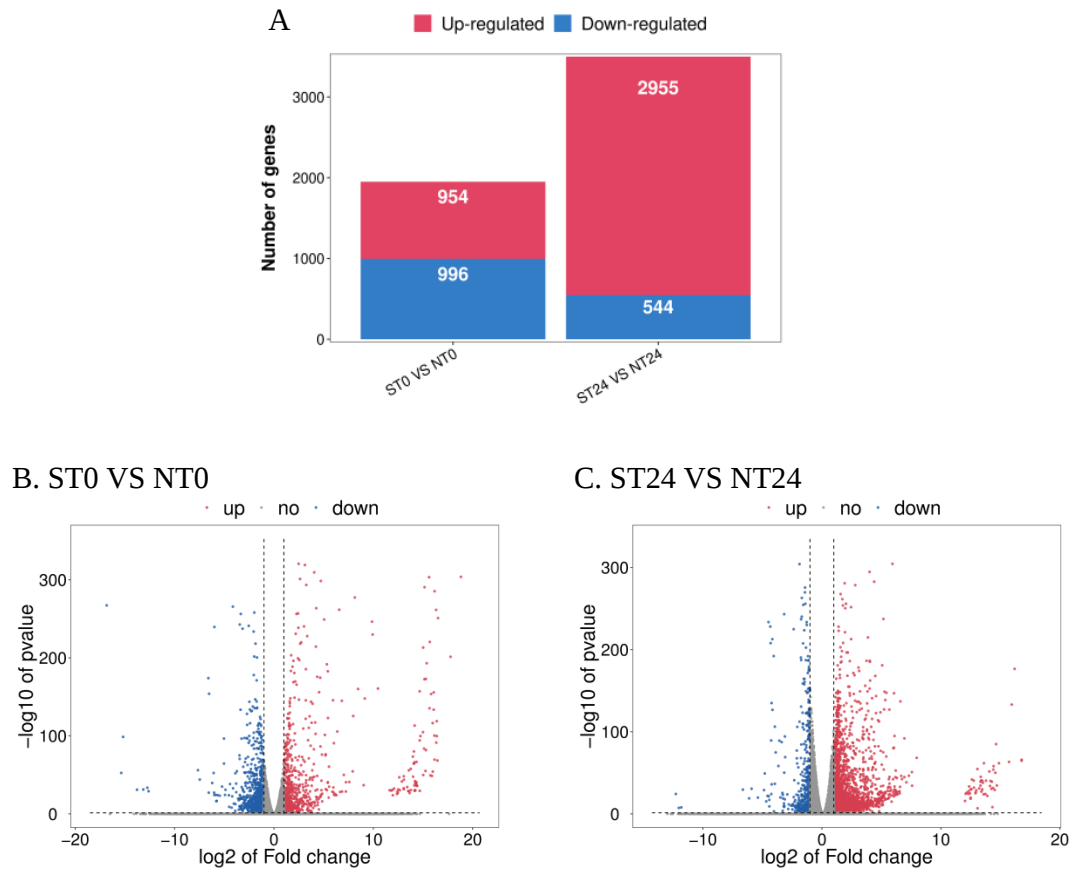


Figure S3. (A) Statistics of differentially expressed genes (DEGs). (B,C) The volcano map of DEGs in each comparison groups. The samples were named N representing Nipponbare, S representing *OsABT* overexpression line, T0 and T24 representing 200 mmol/L NaCl treatment for 0 h and 24 h.

PLANT HORMONE SIGNAL TRANSDUCTION

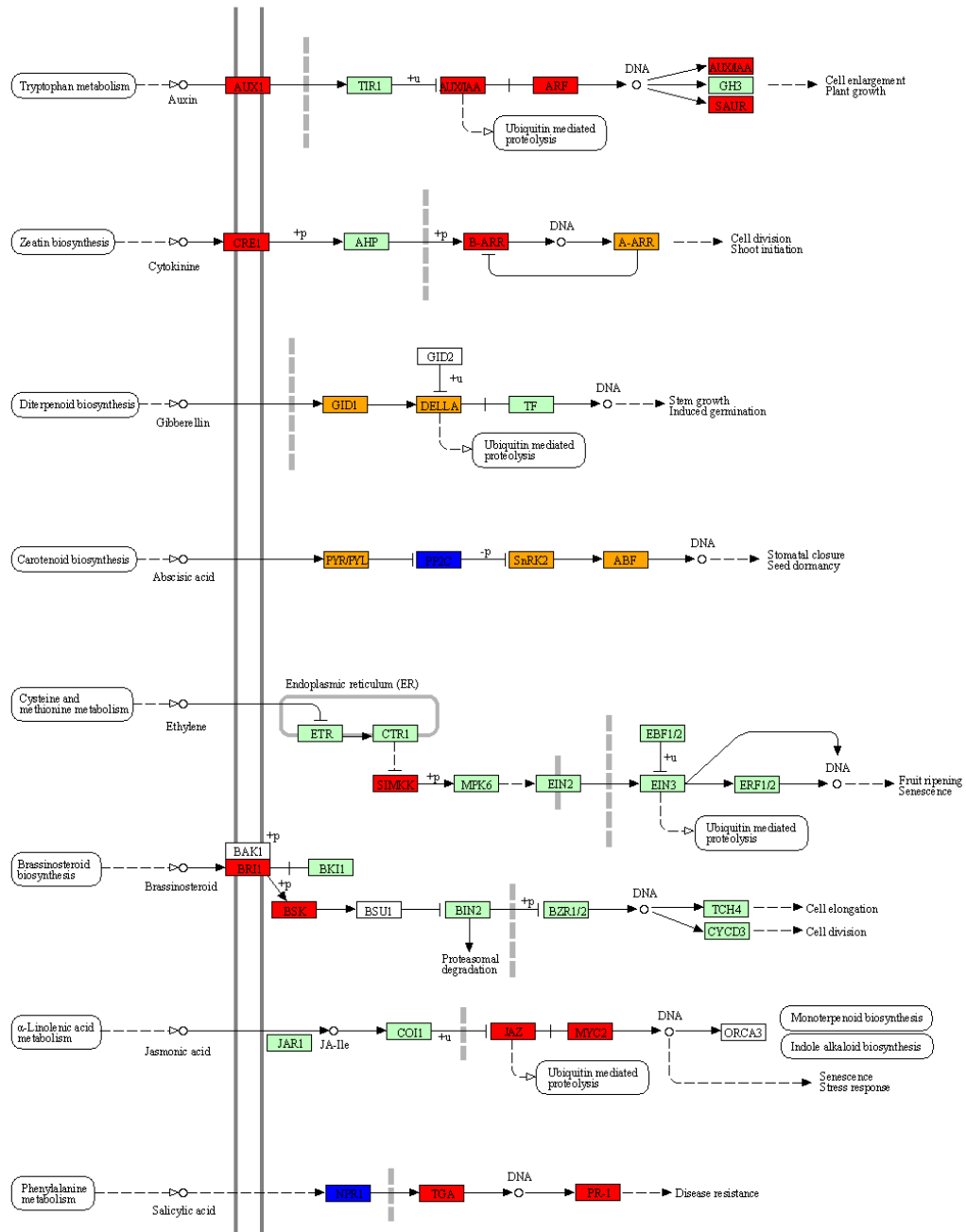


Figure S4. Plant hormone signal transduction between OE-3 and WT at 24 h of salt treatment. Red represents upregulated DEGs annotated to a ko node. Blue represents downregulated DEGs annotated to a ko node. Orange represents DEGs annotated to a ko node that are both upregulated and downregulated. Green indicates species-specific genes. Open circles indicate small molecule compounds. Solid arrows indicate the direction of biochemical reactions. Dashed arrows connect other related metabolic pathways.

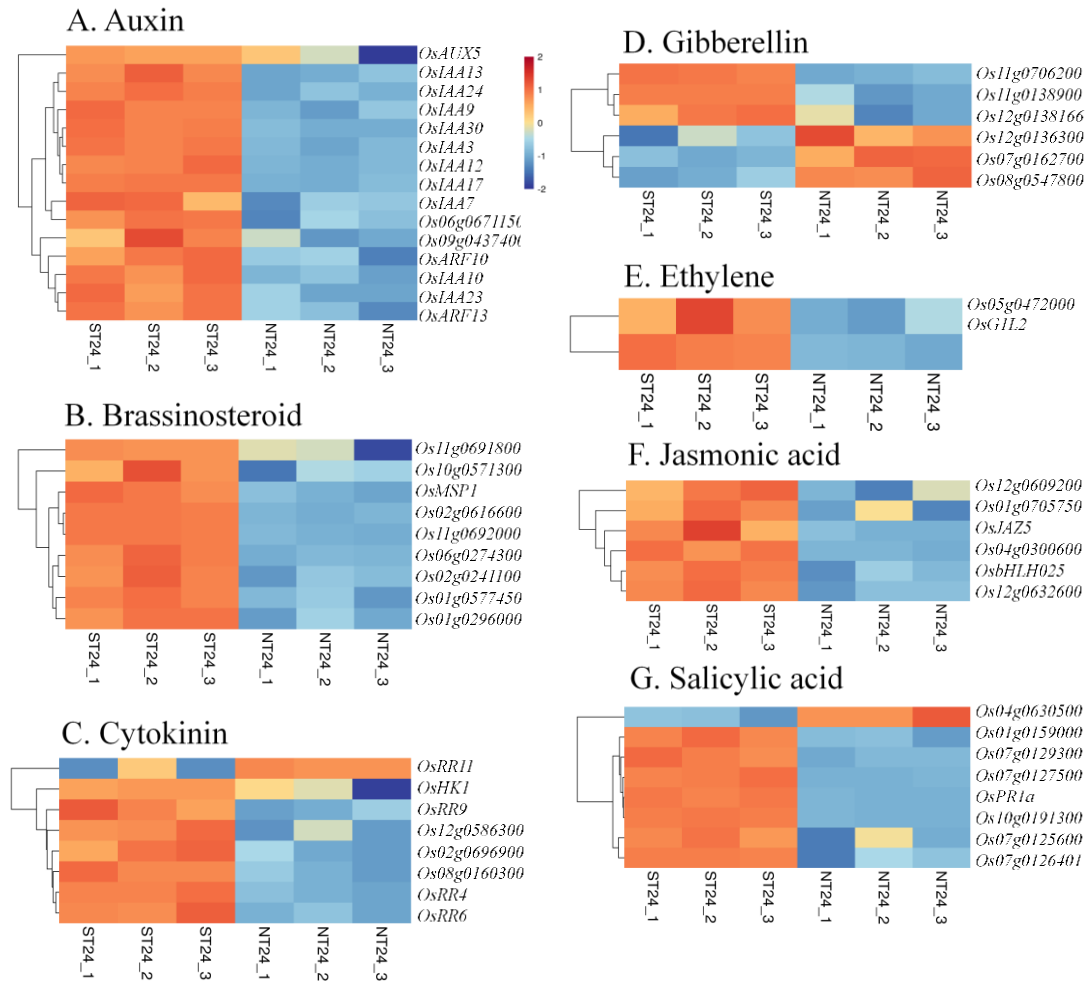


Figure S5 Cluster analysis of DEGs in other plant hormone signal transduction between OE-3 and WT at 24 h of salt treatment.

Table S1 Primers used for the qRT-PCR analysis and Y2H assay.

Primer name	Primer sequences (5'-3')
OsABT-OE-F	GACTAGTTGATGAGAGATAGCGACGGCGA
OsABT-OE-R	CGAGCTCCTAGCGGAACGACGAGCTG
Actin-F	TGGCATCTCTCAGCACATTCC
Actin-R	TGCACAATGGATGGGTCAGA
OsABT-F	CCAAGACCGACACCCTGTAC
OsABT-R	TTCCACACCCTGATCTTGCC
OsSOS1-F	ACTTGGACGATGAGCCTGTG
OsSOS1-R	ATTTAGAAGCCGCACACGGA
OsHAK5-F	GATGTTGTTCTCAGTGCTGAGTG
OsHAK5-R	GTTCTGTGGTATGGTCAGGATTAGT
OsNCED3-F	CCCCTCCCAAACCATCCAAACCGA
OsNCED3-R	TGTGAGCATATCCTGGCGTCGTGA
OsNCED4-F	ACGGCGGAGAAGTTCATC
OsNCED4-R	TGGACGAAGCACAGCAC
OsABA8ox2-F	GGCGAGCATAATCTCCTTCA
OsABA8ox2-R	CCCTTTGGAATCAGGAAACC
OsPYL5-F	CATCCTCAGCGTCAAGTTCG
OsPYL5-R	TCACAAGCGTCCCTGGTCT
OsPYL9-F	GGCGGAGGACACCAGGAT
OsPYL9-R	CGACGATTTATTGACGAGG
OsABIL2-F	CCTCCTTCCGCCTTCCAG
OsABIL2-R	CGTCGTCCTCCGCTCTAC
OsLEA3-F	CAACAGGCGAGTGAGCAGGT
OsLEA3-R	GGCAGAGGTGTCCTTGTTGG
Rab16A-F	GCACACCACAGCAAGAG
Rab16A-R	GGTGCTCCATCCTGCTTA
pBD-OsABT-F	ttgactgtatgccggaattcATGAGAGATAGCGACGGCGA
pBD-OsABT-R	gctcgaggccggggaattcCTAGCGGAACGACGAGCTGC
pAD-OsABIL2-F	tcctctgctagcagagaattcATGGAGGACCTCGCCCTG
pAD-OsABIL2-R	aagcattagagaattgaattcTCATGCTTTGCTCTTGAAGTTCC
pAD-OsPYL4-F	tcctctgctagcagagaattcATGCCGTGCATCCCGGCG
pAD-OsPYL4-R	aagcattagagaattgaattcTCACGAGCCGGCGGCCCT
pAD-OsPYL10-F	tcctctgctagcagagaattcATGGAGCAGCAGGAGGAAGTG
pAD-OsPYL10-R	aagcattagagaattgaattcCTATTCCGCCGCCGCCGG