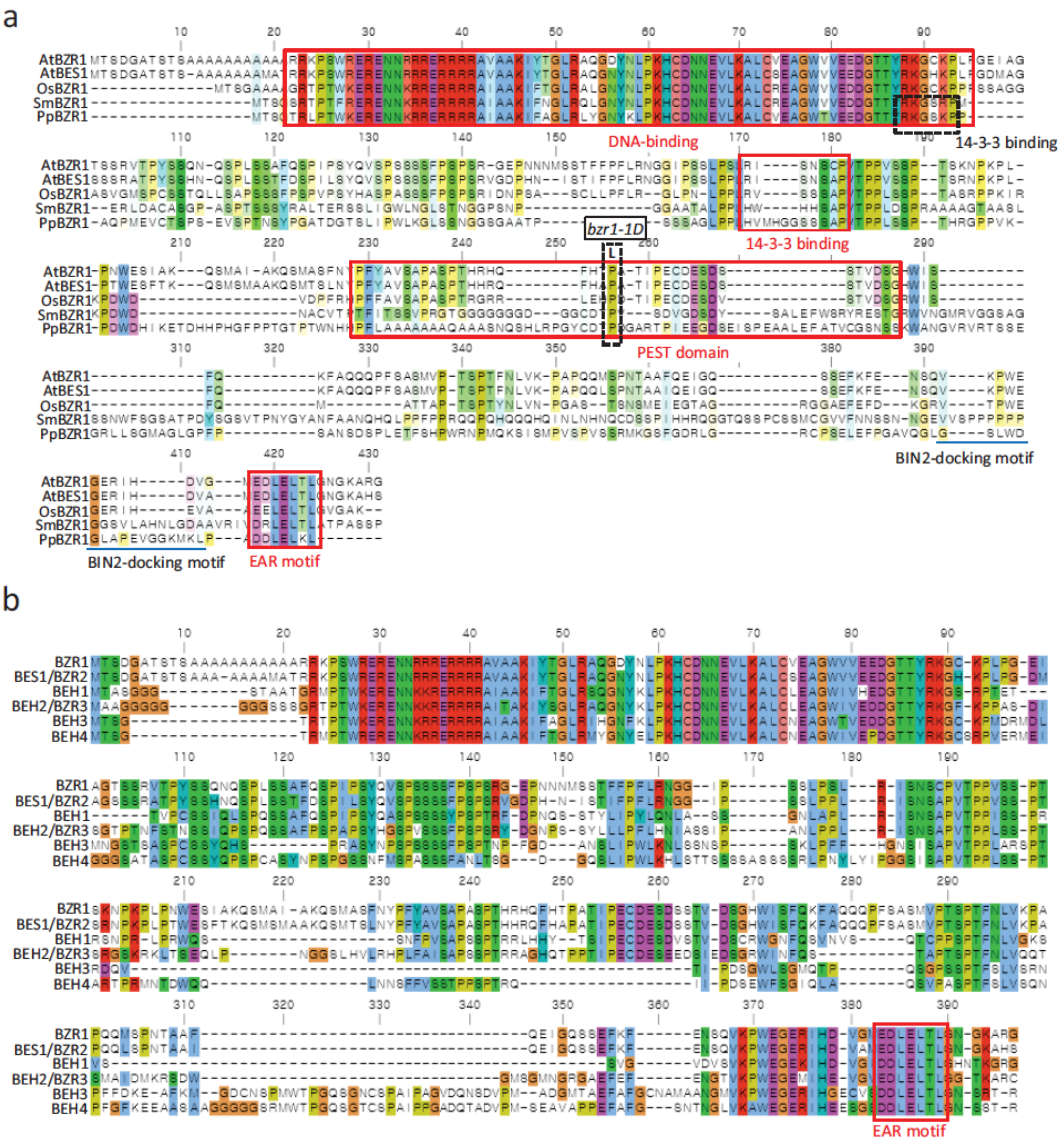
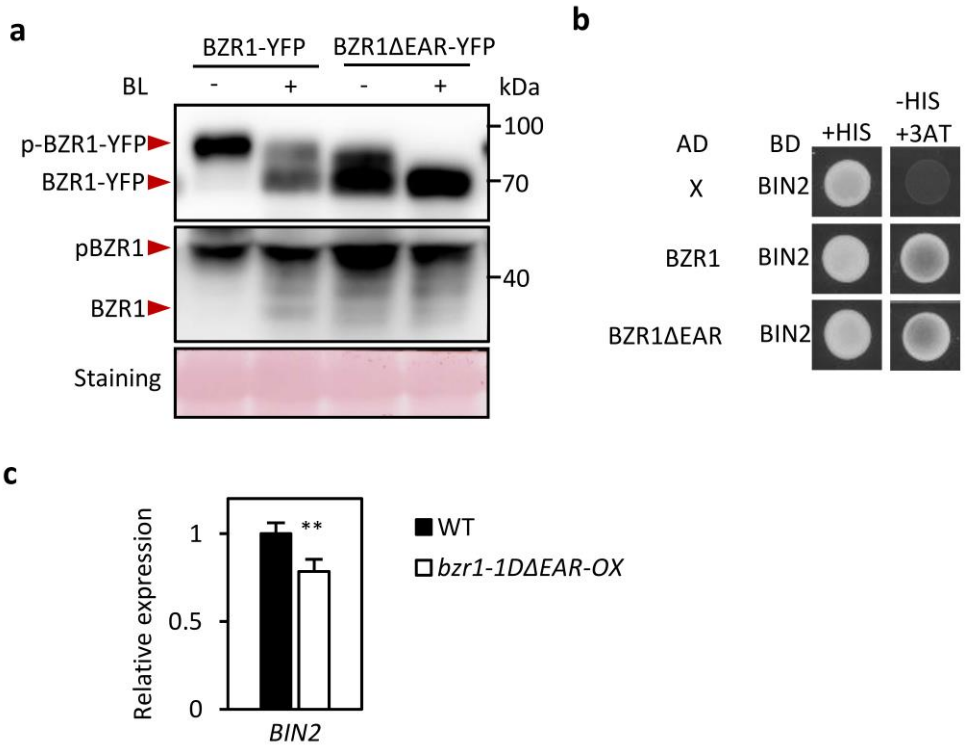
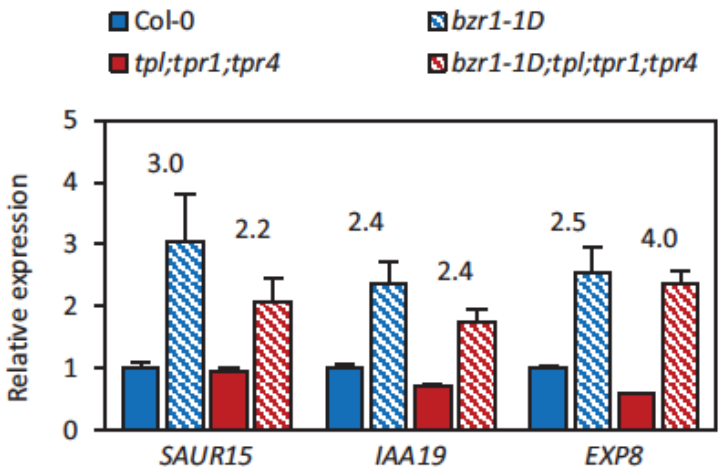


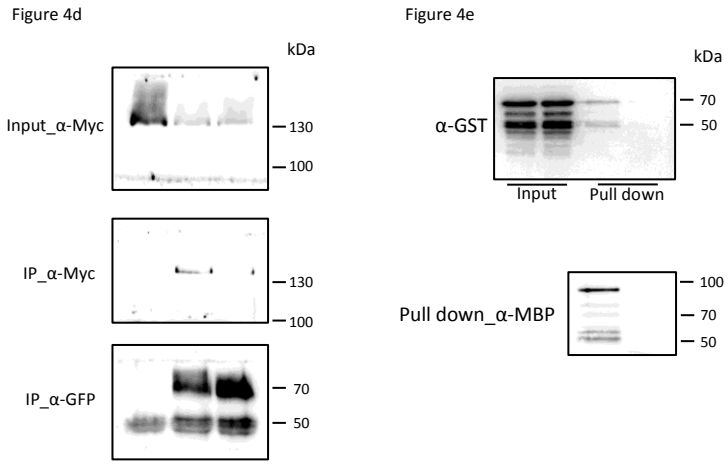
Supplementary Figure 1.
(a) Sequence alignment of BZR1 family of transcription factors in *Arabidopsis* (AtBZR1 and AtBES1), rice (OsBZR1), *Selaginella* (SmBZR1), and *Physcomitrella* (PpBZR1).
(b) Sequence alignment of BZR1 and its homologous proteins in *Arabidopsis*.



Supplementary Figure 2.
(a) BZR1ΔEAR is partially dephosphorylated in the absence of BR signal. Seedlings were grown on the 2 μM PPZ medium for 5 days and then treated with mock or 100 nM BL for 1 hour. BZR1-YFP was detected by immunoblot using anti-GFP antibody and endogenous BZR1 was detected by immunoblot using anti-BZR1 antibody. Ponceau S staining is shown for loading control.
(b) Both BZR1 and BZR1ΔEAR interact with BIN2. Yeast clones were grown on the synthetic dropout (+HIS) or synthetic dropout without histidine (-HIS) plus 1mM 3AT medium. AD : activation domain fusion vector, BD : DNA binding domain fusion vector, x : empty vector.
(c) Expression levels of *BIN2* in the wild type and *bzr1-1DΔEAR-OX*. Seedlings were grown on the 2 μM PPZ medium for 5 days before harvesting for RNA extraction. Gene expression levels were normalized to that of *PP2A* and are shown relative to the expression levels in wild type. Error bars indicate the s.d. (n=3). ** : P<0.01 by Student's t-test.



Supplementary Figure 3.
qRT-PCR analyses of BR-activated genes in the *tpl;tpr1;tpr4* triple mutant. Total RNA were extracted from etiolated seedlings grown on the medium containing 2 μM PPZ. The relative gene expression levels were determined by qRT-PCR. Numbers indicate the ratios of expression levels (*bzr1-1D* / Col-0 or *bzr1-1D;tpl;tpr1;tpr4* / *tpl;tpr1;tpr4*). The error bars indicate the s.d. (*n*=3).



Supplementary Figure 4.
Full scan of western blot images in Figures.

Supplementary Table 1. Primer list

qRT-PCR		
Gene	**Forward**	**Reverse**
PP2A	TATCGGATGACGATTCTTCGTGCAG	GCTTGGTCGACTATCGGAATGAGAG
SAUR15	AAGAGGATTCATGGCGGTCTATG	GTATTGTTAAGCCGCCCATTGG
IAA19	GGTGACAACTGCGAATACGTTACCA	CCCGGTAGCATCCGATCTTTTCA
PRE1	GTTCTGATAAGGCATCAGCCTCG	CATGAGTAGGCTTCTAATAACGG
PRE5	AACGGCGTCGTTCTGATAAG	CATGAGTAAGCTTCTAATCACGG
PRE6	TCCAACACCTCATCCCTGAACTTCG	CGGTCACTGAGGTCATCAACCTCTC
CPD	TTGCTCAACTCAAGGAAGAG	TGATGTTAGCCACTCGTAGC
DWF4	GGTGATCTCAGCCGTACATTTGGA	CCCCACGTCGAAAAACTACCACTTC
TPL	CCATCTCCTGTGAACAATCCACTGC	CAAGAGGTGTTGGAACAGGTGACG
TPR1	GGACGGTTCCCTATTCGGAGTTG	:TTGCTTGTTCGGAGTGGAAAATGC
TPR2	GGCACGAGGCACCAGTTTATTCC	GTCCCGGTGCGTCATAATCAACC
TPR3	TGCTGGAGGAAAAGTCTCGTTGTTC	AATGGCGATGACGTTATTGTCCTGA

ChIP-PCR		
Gene	**Forward**	**Reverse**
PP2A	CGGCTTTCATGATTCCCTCT	GCCTTAAGCTCCGTTTCCTACTT
UBC30	CAAATCCAAAACCCTAGAAACCGAA	AACGACGAAGATCAAGAACTGGGAA
TPL	AGTCATTGCCCTCAAGTTTGAC	CGAGTTGAACATTTCTCCATCAC
TPR1	CCAAGTAGACATGATCCTCTGTGT	TGTCGTGTTATGAGGGAAATGTG
TPR2	AAGTATCTCGTATTTCTCACGCTCTG	GATTCGAAAAATGGAATTGAAGTG
TPR3	AAGTTGATTTGGAGATAGAGTGGC	AAACGAAGAGTGCATCGAAAGC

DNA pull-down		
Gene	**Forward**	**Reverse**
DWF4	TCTTTGACCGCACGCTCGTGTAGGGGTCCT	biotin- TAAACCTAACCAATGAGCTTCATG