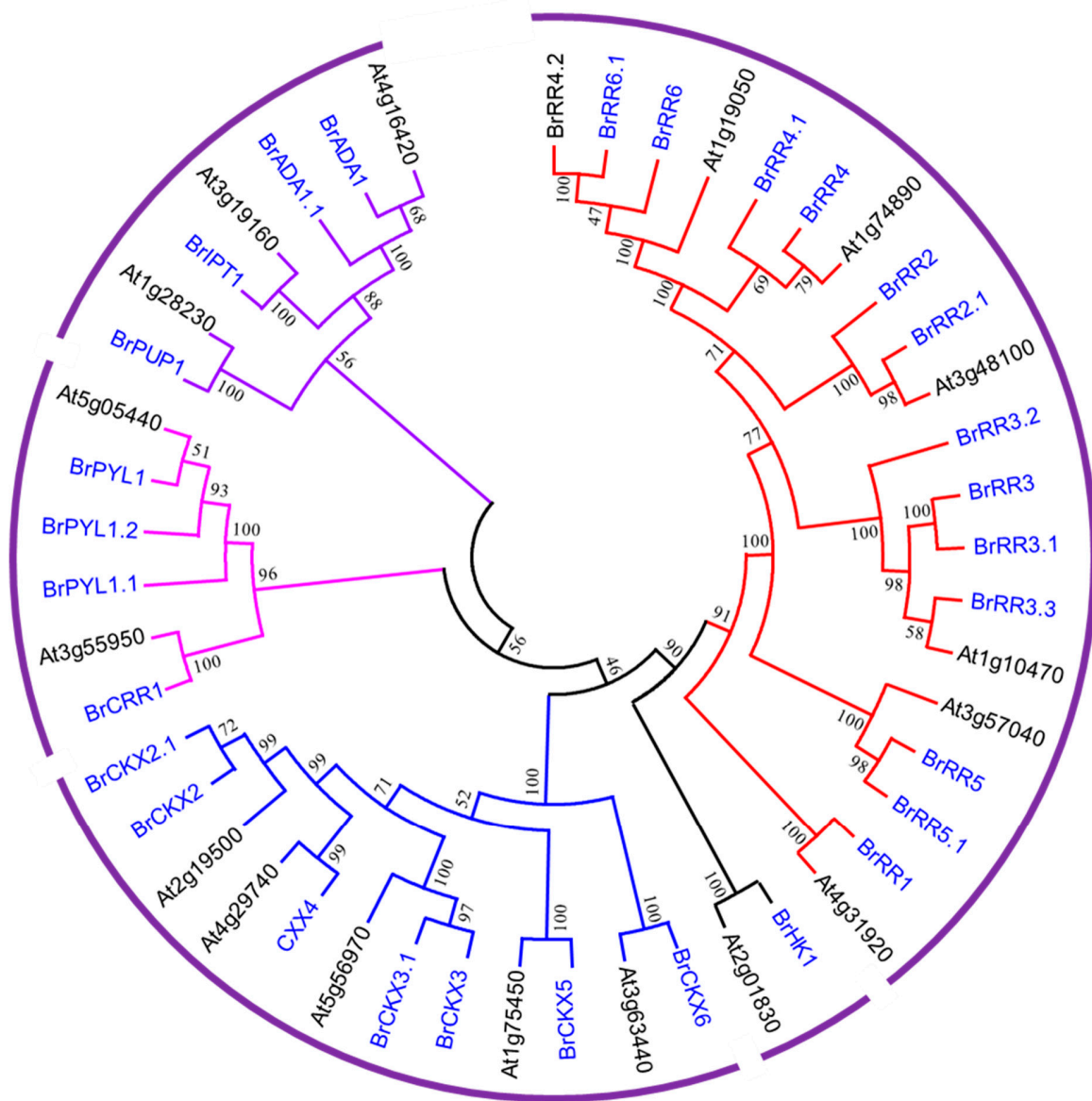


# Expression and Role of Response Regulating, Biosynthetic and Degrading Genes for Cytokinin Signaling during Clubroot Disease Development

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## Supplementary Data



**Figure S1** Phylogenetic tree showing association between cytokinin biosynthesis genes (black) in *Arabidopsis thaliana* and orthologues in *Brassica rapa*. *BrCRR1* is involved in protein phosphorylation and *BrPYL1* is a receptor of ABA.

**Table S1.** Variation in relative expression of cytokinin regulating, synthesizing and degrading genes in root and leaf samples showing non-significant variation between leaves and roots. Each data is the average ( $\pm$ sd) of both inoculated and non-inoculated samples at five different time points. *BrCRR1* is involved in protein phosphorylation and *BrPYL1* is a receptor of ABA.

Variable	<i>BrRR2</i>	<i>BrRR4</i>	<i>BrADA1</i>	<i>BrPYL1</i>	<i>BrCRR1</i>	<i>BrCKX2</i>	<i>BrCKX3</i>	<i>BrCKX5</i>
Leaf	1.02 $\pm$ 1.4	1.94 $\pm$ 1.5	0.86 $\pm$ 0.5	6.33 $\pm$ 3.4	0.61 $\pm$ 1.1	4.85 $\pm$ 5.6	7.65 $\pm$ 5.8	6.53 $\pm$ 5.9
Root	0.75 $\pm$ 0.68	1.21 $\pm$ 1.4	0.89 $\pm$ 0.43	11.7 $\pm$ 6.4	0.19 $\pm$ 0.2	3.14 $\pm$ 2.4	10.4 $\pm$ 6.9	4.35 $\pm$ 3.3
<i>P</i> value	0.36	0.06	0.76	0.07	0.08	0.14	0.10	0.09