

S1 Table. ACE1 cluster expression in $\Delta bip1$ during barley infection 24 hai.

Gene ID	Gene name in ACE1 cluster	Expression in wild type P1-2 *	Expression in $\Delta BIP1:hph$ *	Fold change **
MGG_12447	ACE1	$6.3 \times 10^{-4} \pm 3.7 \times 10^{-4}$	$8.8 \times 10^{-6} \pm 4.4 \times 10^{-6}$	0.01
MGG_08386	BC2	$1.3 \times 10^{-5} \pm 5.2 \times 10^{-6}$	$2.4 \times 10^{-4} \pm 1.0 \times 10^{-4}$	19
MGG_08387	CYP1	$1.2 \times 10^{-3} \pm 3.7 \times 10^{-4}$	$1.1 \times 10^{-4} \pm 5.6 \times 10^{-5}$	0.09
MGG_15928	CYP2	$1.3 \times 10^{-4} \pm 1.8 \times 10^{-5}$	$1.4 \times 10^{-3} \pm 5.0 \times 10^{-4}$	11
MGG_08379	CYP3	$1.8 \times 10^{-4} \pm 5.3 \times 10^{-4}$	$3.1 \times 10^{-6} \pm 3.4 \times 10^{-6}$	0.02
MGG_08378	CYP4	$1.4 \times 10^{-3} \pm 2.1 \times 10^{-4}$	$2.4 \times 10^{-5} \pm 2.7 \times 10^{-5}$	0.02
MGG_08377	OME1	$1.7 \times 10^{-4} \pm 1.1 \times 10^{-4}$	$6.7 \times 10^{-5} \pm 4.1 \times 10^{-5}$	0.40
MGG_08381	ORF3	$3.5 \times 10^{-3} \pm 1.1 \times 10^{-3}$	$1.6 \times 10^{-4} \pm 1.6 \times 10^{-4}$	0.05
MGG_08391	RAP1	$4.5 \times 10^{-4} \pm 1.9 \times 10^{-4}$	$1.4 \times 10^{-4} \pm 1.6 \times 10^{-4}$	0.30
MGG_08380	RAP2	$1.2 \times 10^{-3} \pm 3.7 \times 10^{-4}$	$6.7 \times 10^{-5} \pm 4.1 \times 10^{-5}$	0.05

* Expression was determined by qRT-PCR. ** The ratio of expression between the $\Delta bip1$ mutant and the wild-type control was calculated using the formula $2^{-\Delta\Delta Ct \Delta bip1} / 2^{-\Delta\Delta Ct \text{ wild type}}$.