

## Supplementary Figures

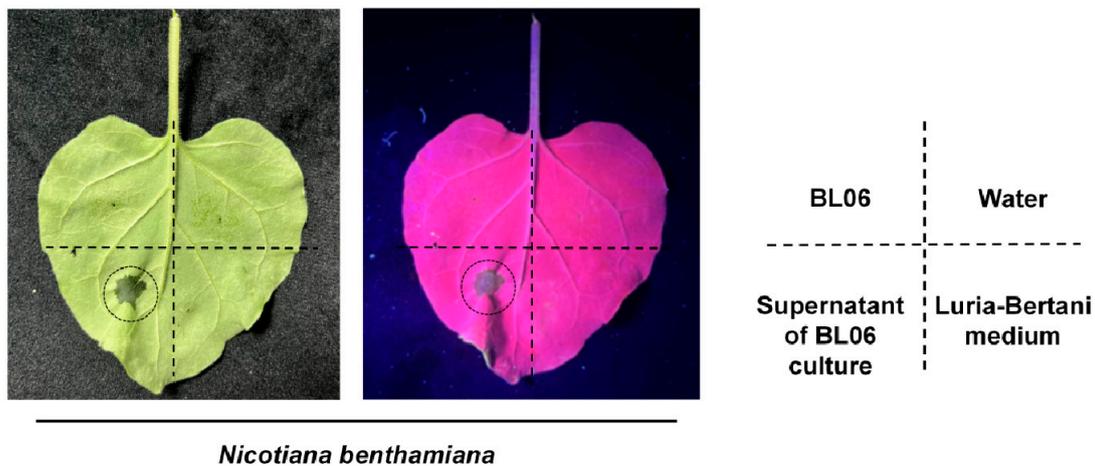


Figure S1. Supernatant of *Bacillus licheniformis* (BL06) fermentation broth can induce HR response in *Nicotiana benthamiana* leaves.

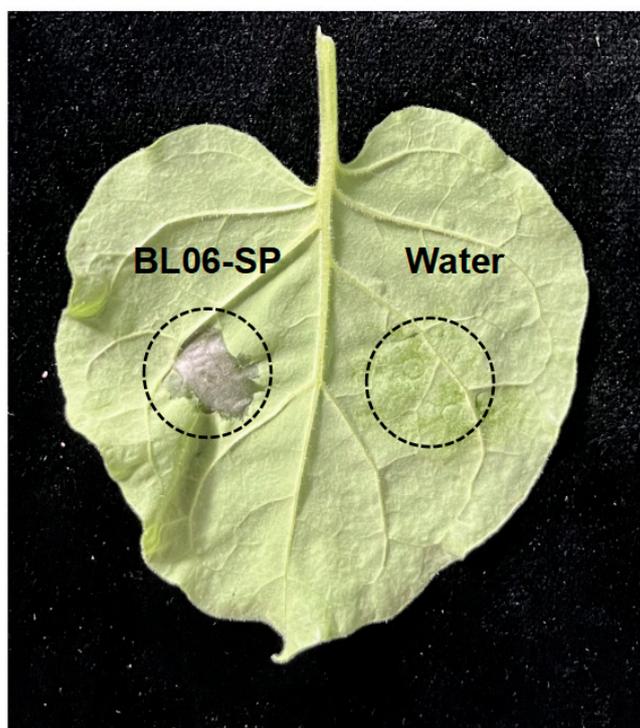


Figure S2. Crude protein of *B. licheniformis* (BL06) can induce HR response in *N. benthamiana* leaves.

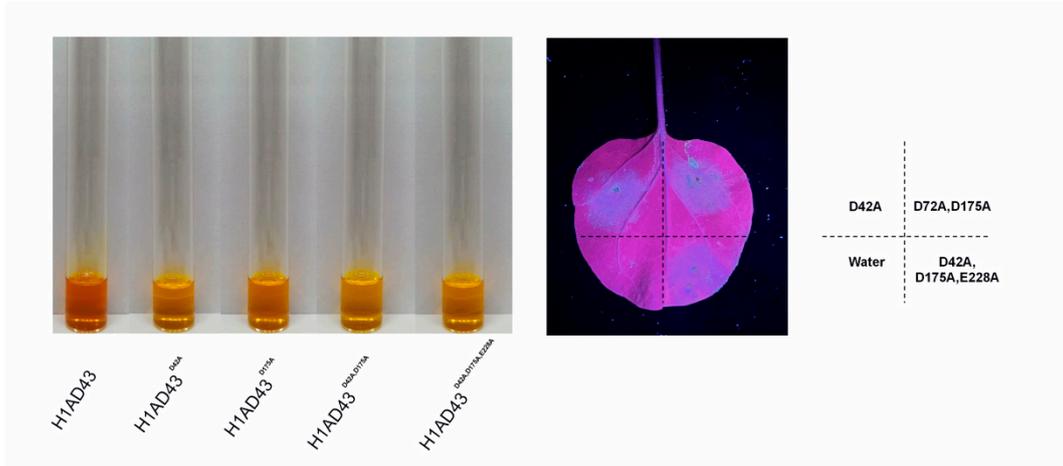


Figure S3. Determination of recombinant H1AD43 enzyme activity and its active site mutation.

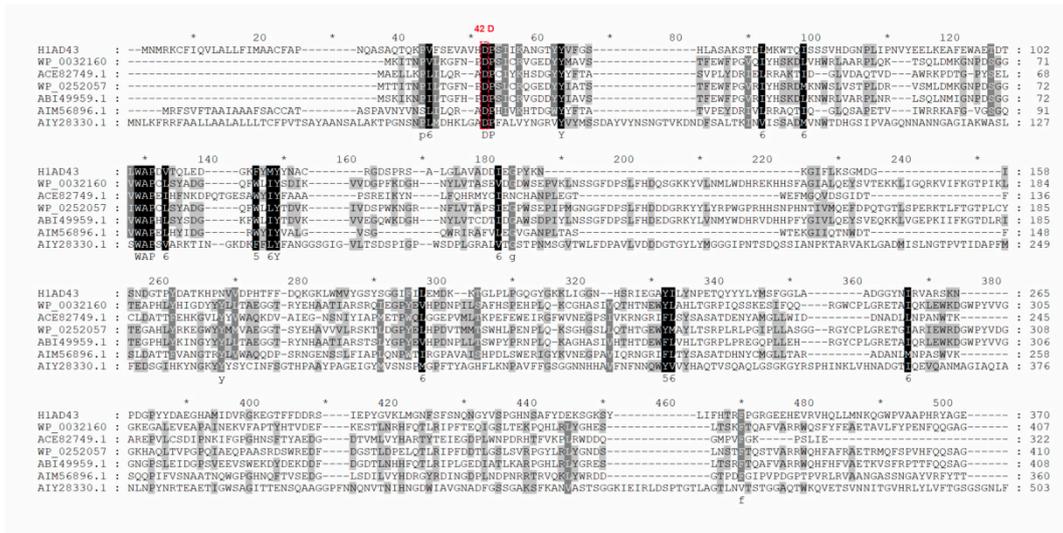


Figure S4. Amino acid sequence alignment of H1AD43 with members of the glycoside hydrolyase 43 family.