**Table S1.** Putative effector genes in *Rhizoctonia solani* AG1 IA used for testing cell death-inducing ability

|  |  |  |
| --- | --- | --- |
| Genes ID | Predicted function (s) | Predicted signal peptide sequence |
| AG1IA\_05142 (AGLIP1) | Lipase | MLASFAAAFLLGVASTLA |
| AG1IA\_08777 | Plastocyanin-like domain-containing protein | MFFNFASIASAAILALPLVGVAA |
| AG1IA\_08487 | Ribonuclease domain-containing protein | MYTLLQTVVVVALSGLALA |
| AG1IA\_00157 | Polysaccharide deacetylase domain-containing protein | MHFAVITATLFGVVGVSA |
| AG1IA\_09049 | Endoplasmic reticulum metallopeptidase | MTKSTSVWHTFASLLPLLVITPWITS |
| AG1IA\_07285 | Peptidase inhibitor i9 domain-containing protein | MRSTFILACLASSVCAVFA |
| AG1IA\_09356 | Polysaccharide lyase family 1 protein | MKFTASALALITGLGVVSANPLL |
| AG1IA\_00669 | Glycosyl hydrolase family 61 domain-containing protein | MLFSSLVSFVALAAAGVNA |
| AG1IA\_09650 | Multicopper oxidase domain-containing protein | MRISTLFPTVALLWVALVDA |
| AG1IA\_09940 | 1,4-beta-D-glucan cellobiohydrolase B | MYFLALIPLYLAAANA |
| AG1IA\_03106 | Glycoside hydrolase family protein | MNIICRSAIVLFLSSTAIA |
| AG1IA\_03129 | GDP-mannose 4,6-dehydratase | MAAPIAPAAFALSRHG |
| AG1IA\_03694 | Aspartic protease | MLPFIAVSALVATQSALA |