

S2 Table. Top 20 overexpressed genes in ‘Dusa’-b, ‘Dusa’-a and BG83 after infection with *Rosellinia necatrix*.

‘Dusa’-b			‘Dusa’-a			BG83		
Name	Description	Feature	Name	Description	Feature	Name	Description	Feature
Pa_Contig 07140	Pathogenesis-related protein pr-4-like	Defense response	Pa_Contig 04808	Protein hothead-like	Oxidoreductasa activity	Pa_Contig 06358	---NA---	
Pa_Contig 03461	Glucan endo- -beta-glucosidase-like	Hydrolase. Fungus cell wall degradation	Pa_Contig 07184	Protein hothead-like	Oxidoreductasa activity	Pa_Contig 05213	Glu protease inhibitor-like	Protease inhibitor
Pa_Contig 00542	Beta- -glucanase	Hydrolase. Fungus cell wall degradation	Pa_Contig 01014	Basic endochitinase-like partial	Fungus cell wall degradation	Pa_Contig 04808	Protein hothead-like	Oxidoreductasa activity
Pa_Contig 07403	Pathogenesis-related protein	Defense response	Pa_Contig 00535	Chitinase 1-like	Fungus cell wall degradation	Pa_Contig 06808	Basic 7s globulin-like (aspartic peptidase domain containing protein)	Response to salt stress
Pa_Contig 01014	Basic endochitinase-like partial	Fungus cell wall degradation	Pa_Contig 00542	Beta-glucanase	Fungus cell wall degradation	Pa_Contig 04097	Trypsin inhibitor	Protease inhibitor
Pa_Contig 00535	Chitinase 1-like	Fungus cell wall degradation	Pa_Contig 00205	Protein hothead-like	Oxidoreductasa activity	Pa_Contig 06176	Protein hothead-like	Oxidoreductasa activity
Pa_Contig 01450	Thaumatin-like protein	Defense response	Pa_Contig 01450	Thaumatin-like protein	Defense response	Pa_Contig 02817	Basic 7s globulin-like (aspartic peptidase domain containing protein)	Response to salt stress
Pa_Contig 07184	Protein hothead-like	Oxidoreductase activity	Pa_Contig 03461	Glucan endo- -beta-glucosidase-like	Hydrolase. Fungus cell wall degradation	Pa_Contig 00559	---NA---	
Pa_Contig 01608	Cytochrome p450 89a2-like	Oxidoreductase activity	Pa_Contig 06015	Beta-D-galactosidase	Hydrolase. Fungus cell wall degradation	Pa_Contig 07184	Protein hothead-like	Oxidoreductasa activity
Pa_Contig 01569	Peroxidase n1-like	Oxidation/reduction process	Pa_Contig 06358	---NA---		Pa_Sin_H A66E9C0 1BVIYG	---NA---	
Pa_Sin_H A66E9C0 1BFEF6	Glutathione s-transferase	Detoxication and toxification mechanisms	Pa_Contig 00559	---NA---		Pa_Contig 00520	Gdsl esterase lipase at3g26430-like	Hydrolase activity, hyperosmotic salinity response.
Pa_Contig 05982	Pathogenesis-related protein pr-4-like	Defense response	Pa_Contig 05561	Protein hothead-like	Oxidoreductasa activity	Pa_Contig 00205	Protein hothead-like	Oxidoreductasa activity
Pa_Contig 03623	Cytochrome p450 93a3-like	Oxidoreductase activity	Pa_Contig 00472	Glycosyl hydrolase family protein with chitinase insertion domain	Fungus cell wall degradation	Pa_Contig 01569	Peroxidase n1-like	Oxidation/reduction process
Pa_Contig 02847	Cytochrome p450 89a2-like	Oxidoreductase activity	Pa_Contig 05393	Basic 7s globulin-like (aspartic peptidase domain containing protein)	Response to salt stress	Pa_Contig 04419	Basic 7s globulin-like (aspartic peptidase domain containing protein)	Response to salt stress
Pa_Contig 01462	Thaumatin-like protein 1	Defense response	Pa_Contig 06808	Basic 7s globulin-like (aspartic peptidase domain containing	Response to salt stress	Pa_Contig 00554	Cinnamoyl- reductase 1-like	Oxidoreductasa activity, lignin biosynthetic process.

Pa_Contig 06176	Protein hothead-like	Oxidoreductase activity	Pa_Contig 07140	protein) Pathogenesis-related protein pr-4-like	Defense response	Pa_Contig 02492	Glutamate dehydrogenase 2	Oxidation/reduction process
Pa_Contig 06808	Basic 7s globulin-like (aspartic peptidase domain containing protein)	Response to salt stress	Pa_Contig 01063	Pathogen-related	Defense response	Pa_Contig 01652	Cytochrome p450 71a1- like	Oxidoreductasa activity
Pa_Contig 01093	Chitinase 1-like	Fungus cell wall degradation	Pa_Contig 02817	Basic 7s globulin-like (aspartic peptidase domain containing protein)	Response to salt stress	Pa_Contig 02540	Tumor-related protein	Endopeptidase inhibitor
Pa_Contig 05393	Basic 7s globulin-like (aspartic peptidase domain containing protein)	Response to salt stress	Pa_Contig 02874	Germin-like protein subfamily 1 member 20- like	Response to salt stress, cell wall deposition	Pa_Contig 02863	Basic 7s globulin-like (aspartic peptidase domain containing protein)	Response to salt stress
Pa_Contig 02861	Aldo-keto reductase family 4 member c9-like	Oxidoreductase activity	Pa_Contig 01462	Thaumatococcus-like protein 1	Defense response	Pa_Contig 00582	btb poz and taz domain- containing protein 1-like	Response to salt stress, response to wounding

NA: Non Annotated