

Additional file 12

File format: PDF

Title: Supplementary Table S7

Description:

Table S7. List of poplar apoplast proteins and corresponding transcripts and their expression levels in publicly available poplar (*Populus* spp.) microarray data obtained from stressed poplar tissues [59-60, 141-142]. Dpi, Days Post Infection; Mlp, *Melampsora larici-populina*; Mmd, *Melampsora medusae* f. sp. *deltoidae*.

Table S7. continued

| Cell wall metabolism | | | | | | | |
|-------------------------------------|----------------------------------|--|------|-------|------|------|-----------------|
| 255102 | gw1.XVI.1041.1 | Alpha-L-arabinofuranosidase (POPTR_0016s02620.2) | | | 3.04 | 1.71 | 3.07 3.94 |
| 648596 | grail3.0045003902 | Glucan endo-1,3-beta-glucosidase 7 (POPTR_0004s16120.2) | | | | | 5.84 9.19 13.74 |
| 816882 | estExt_fgenesh4_pg.C_LG_IL2363 | Alpha-mannosidase (POPTR_0002s23920.1) | 3.7 | | | | |
| Carbohydrate metabolism | | | | | | | |
| 564942 | eugene3.00081537 | Malate dehydrogenase (POPTR_0008s16670.1) | 2.69 | | | | |
| 575307 | eugene3.00150702 | Glyceraldehyde-3-phosphate dehydrogenase (POPTR_0015s10330.2) | 2.19 | -2.83 | | | |
| 575698 | eugene3.00151093 | Enolase (POPTR_0015s14380.1) | 2.6 | | | | 3.5 |
| 593790 | eugene3.00570034 | Aconitate hydratase 1 (POPTR_0005s10990.1) | | 2.13 | | | |
| 659332 | grail3.0154005402 | Phosphoglycerate kinase (POPTR_0010s17870.1) | 2.07 | | | | |
| 728998 | estExt_Genewise1_v1.C_LG_XII1463 | Glyceraldehyde-3-phosphate dehydrogenase (POPTR_0012s09570.1) | 2.66 | | | | 2.08 |
| 739764 | estExt_Genewise1_v1.C_281127 | 2,3-bisphosphoglycerate-independent phosphoglycerate mutase (POPTR_0006s11400.1) | 2.41 | | | | |
| 747123 | estExt_Genewise1_v1.C_2730019 | Malate dehydrogenase (POPTR_0010s08180.1) | 2.48 | | | | 2.74 |
| 821843 | estExt_fgenesh4_pg.C_LG_X0484 | Glyceraldehyde-3-phosphate dehydrogenase (POPTR_0010s06560.1) | 2.54 | | | | |
| Cell wall and stress related | | | | | | | |
| 829298 | estExt_fgenesh4_pm.C_LG_I0036 | Peroxidase (POPTR_0001s04850.1) | 2.7 | 5.1 | | | |
| Unclassified | | | | | | | |
| 549865 | eugene3.00012306 | Tumor-related protein (POPTR_0001s31740.1) | | | | | 2.7 2.23 4.41 |

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