Additional File 5. MapMan BINs enriched in the genes differentially expressed in the roots in response to low phosphate between two homo-grafts of grapevine: *Vitis vinifera* cv. Pinot noir and *V. rupestris x V. berlandieri* cv. 1103 Paulsen.

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| --- | --- | --- | --- |
| **BIN** | **Name** | **Enrichment** | **Adjusted p value** |
| 15.7.17 | RNA biosynthesis.transcriptional activation.NAC transcription factor | 10.6 | 0.00 |
| 15.7.22 | RNA biosynthesis.transcriptional activation.WRKY transcription factor | 11.1 | 0.01 |
| 24.2.12.3 | Solute transport.carrier-mediated transport.VIT family.iron cation transporter (VTL-type) | 53.7 | 0.04 |
| 24.3.11 | Solute transport.channels.QUAC/ALMT anion channel | 28.9 | 0.01 |
| 26.6.2.1 | External stimuli response.biotic stress.pathogen effector.NLR effector receptor | 8.9 | 0.00 |
| 26.6.2.2.3 | External stimuli response.biotic stress.pathogen effector.ETI (effector-triggered immunity) network.EDS1 regulator | 53.7 | 0.04 |
| 50.1.10 | Enzyme classification.EC\_1 oxidoreductases.EC\_1.10 oxidoreductase acting on diphenol or related substance as donor | 8.7 | 0.00 |
| 50.2.7 | Enzyme classification.EC\_2 transferases.EC\_2.7 transferase transferring phosphorus-containing group | 2.9 | 0.00 |