

Cell type specific transcriptional reprogramming of maize leaves during *Ustilago maydis* induced tumor formation

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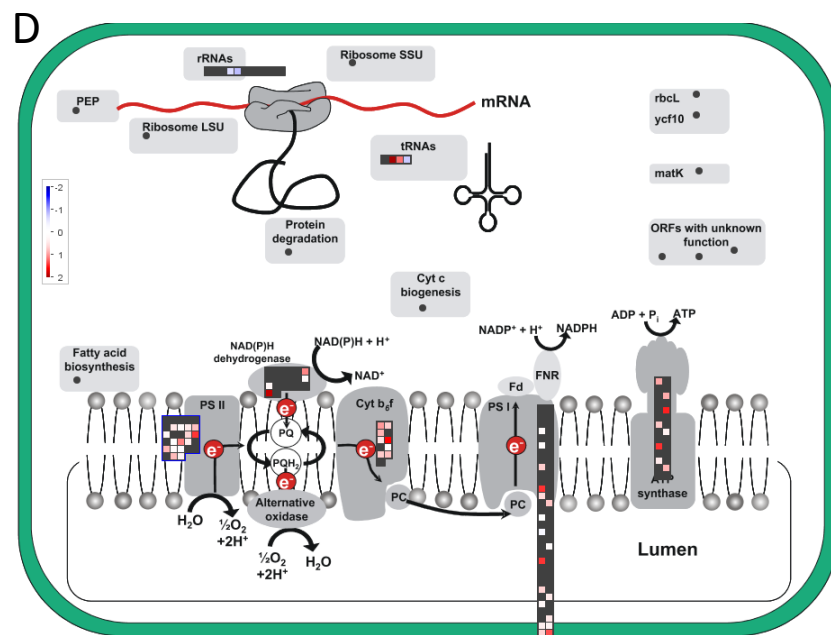
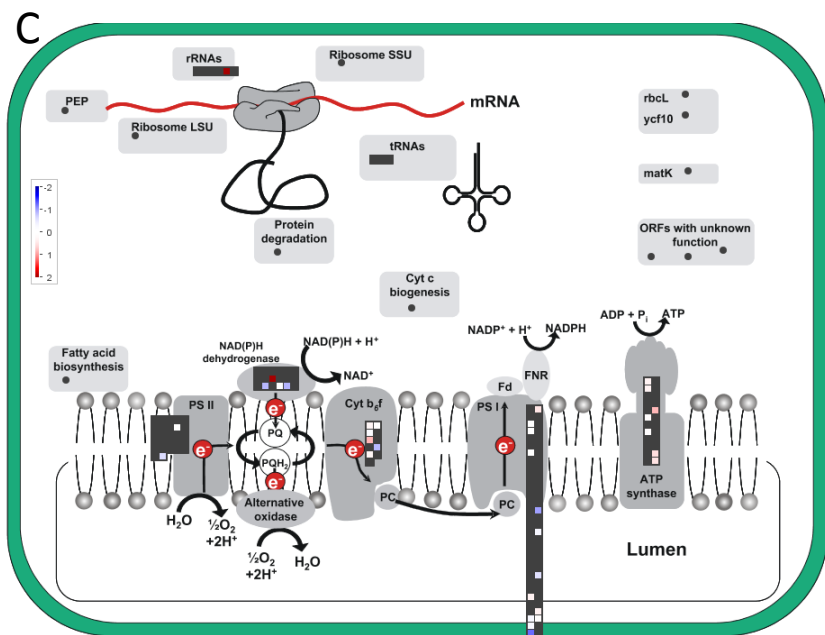
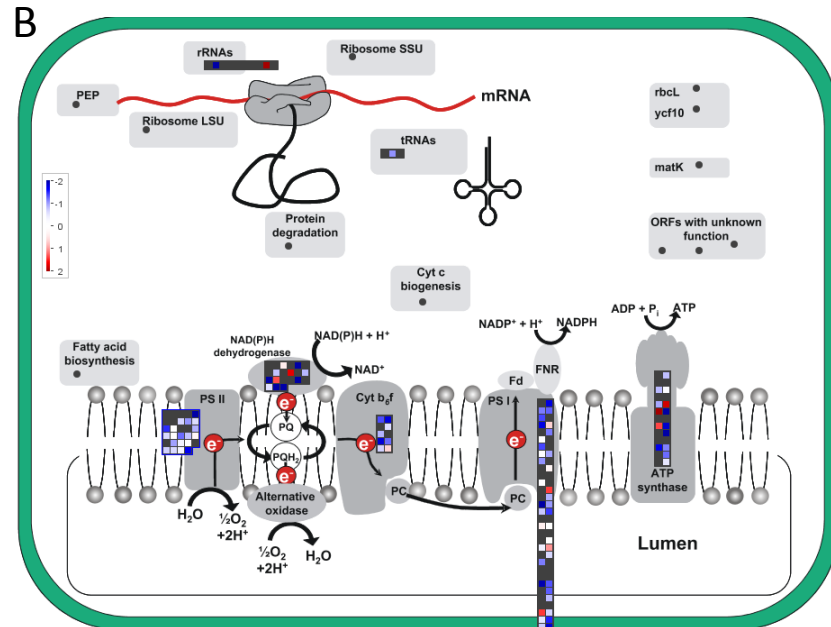
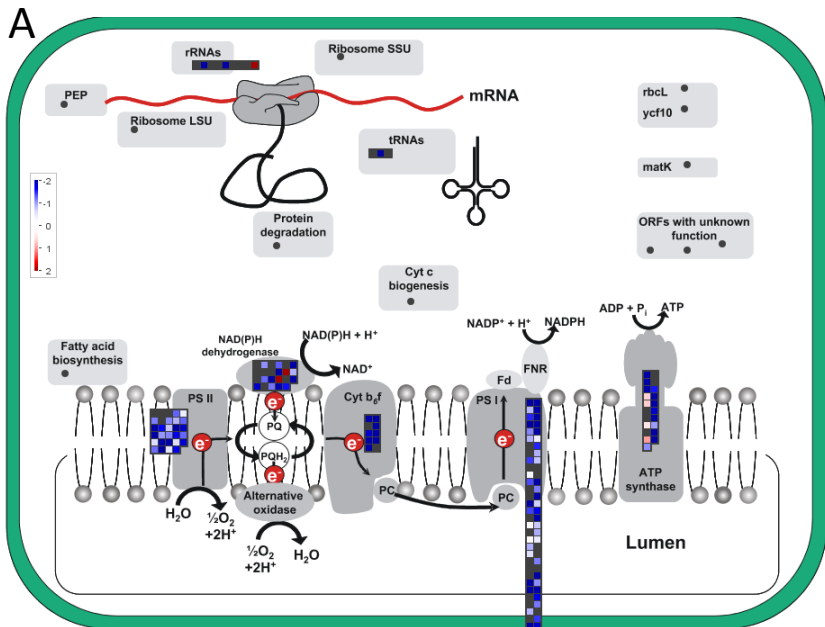
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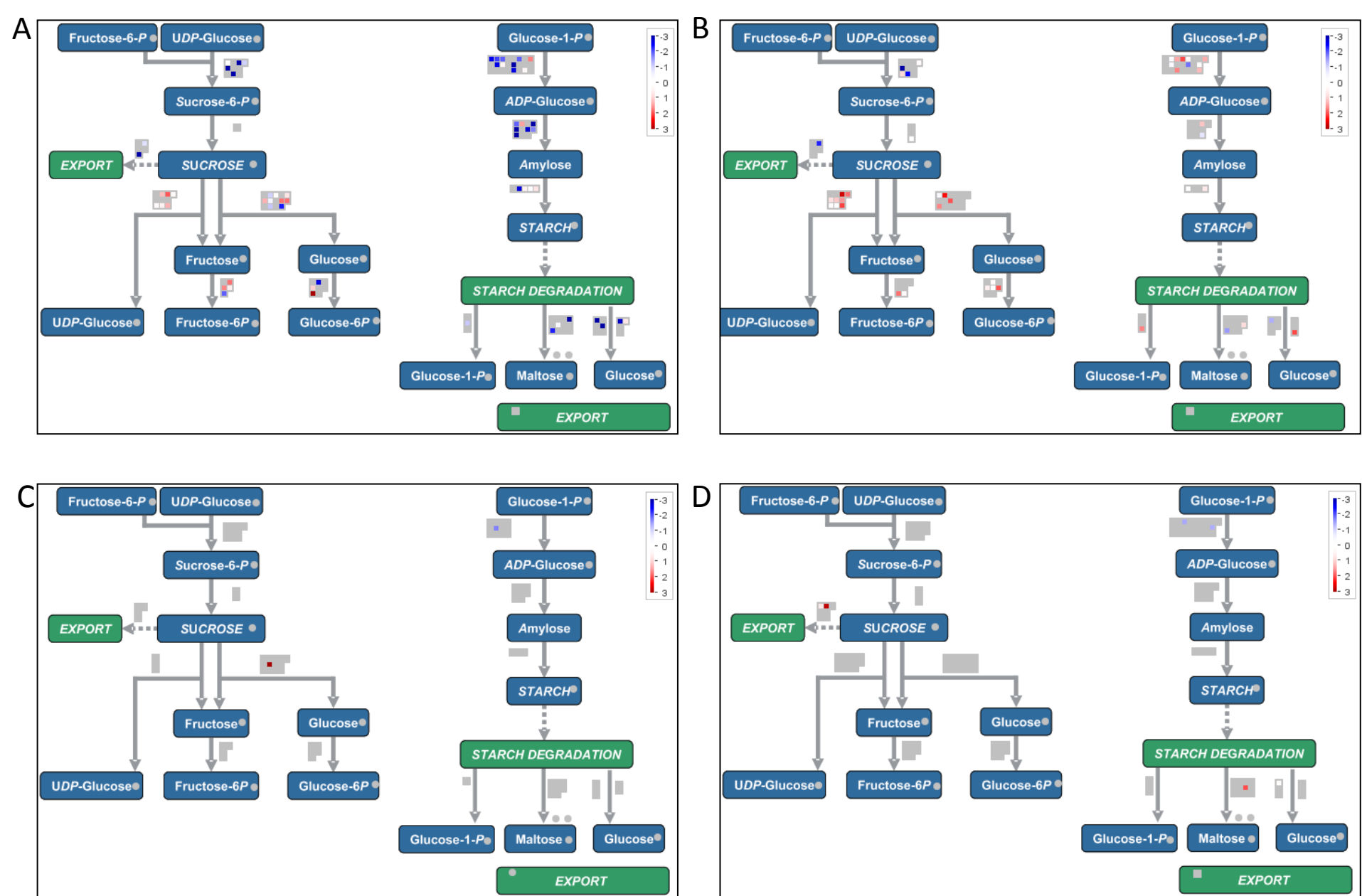
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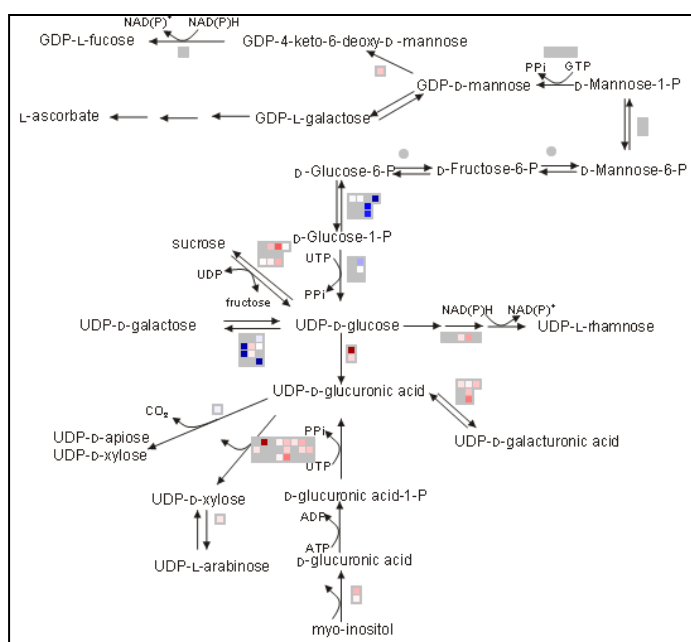


Supplementary Figure 1. Chloroplast responses to *Ustilago maydis* infection in specific cell-types. Genes differentially expressed (FDR $\leq 5\%$) are shown A, HPT. B HTT. C seeTC. D seeTC.vs.HTT: Upregulated transcripts are shown in red and downregulated transcripts are colored blue.

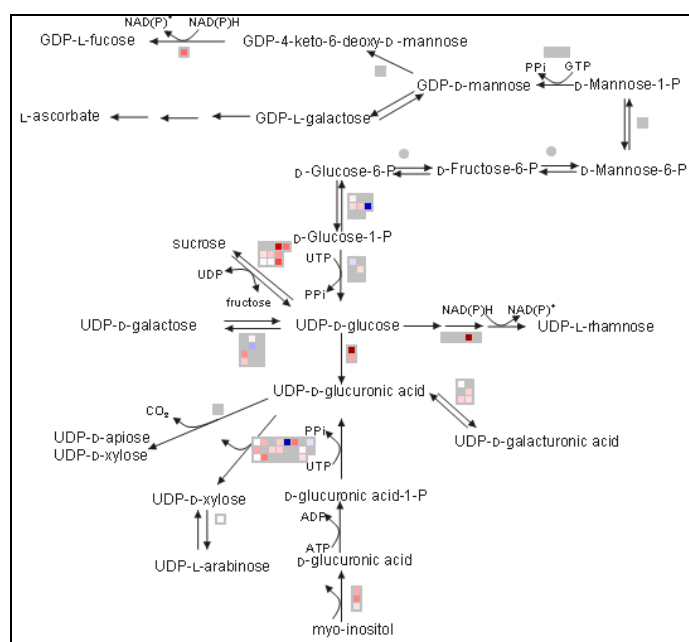


Supplementary Figure 2. Sucrose- and Starch- biosynthesis responses to *Ustilago maydis* infection in specific cell-types. Genes differentially expressed (FDR $\leq 5\%$) are shown A, HPT. B HTT. C seeTC. D seeTC.vs.HTT: Upregulated transcripts are shown in red and downregulated transcripts are colored blue.

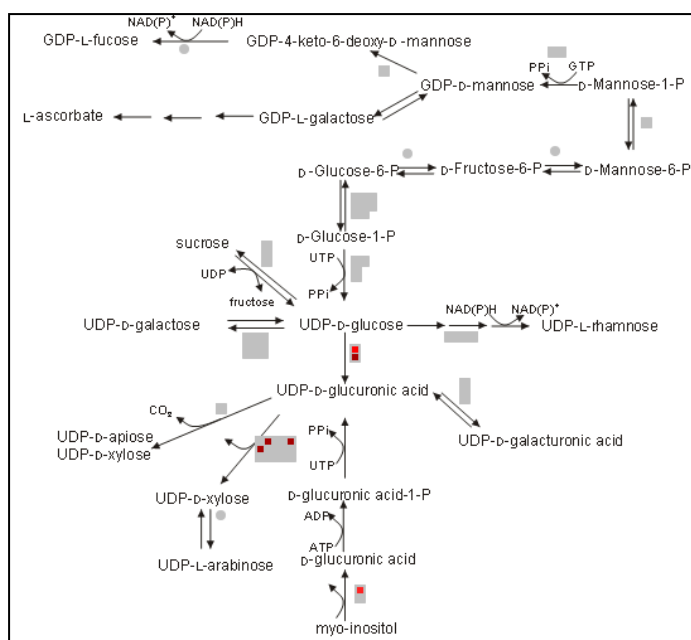
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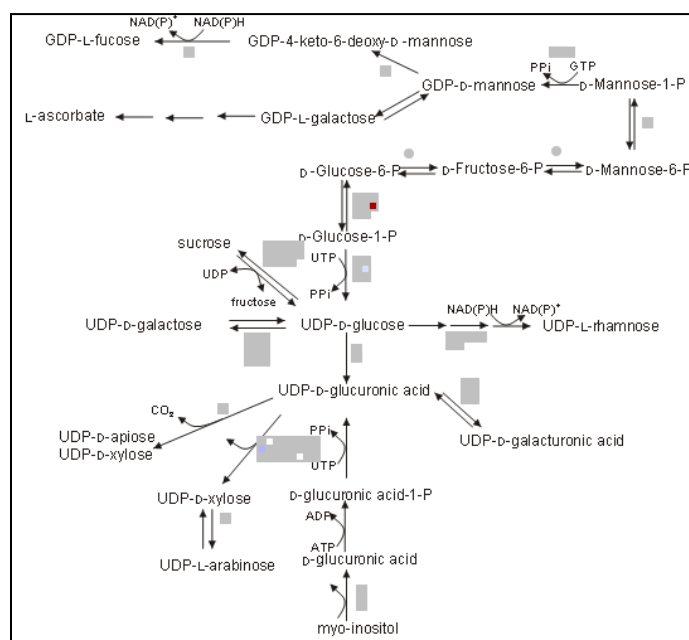
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C

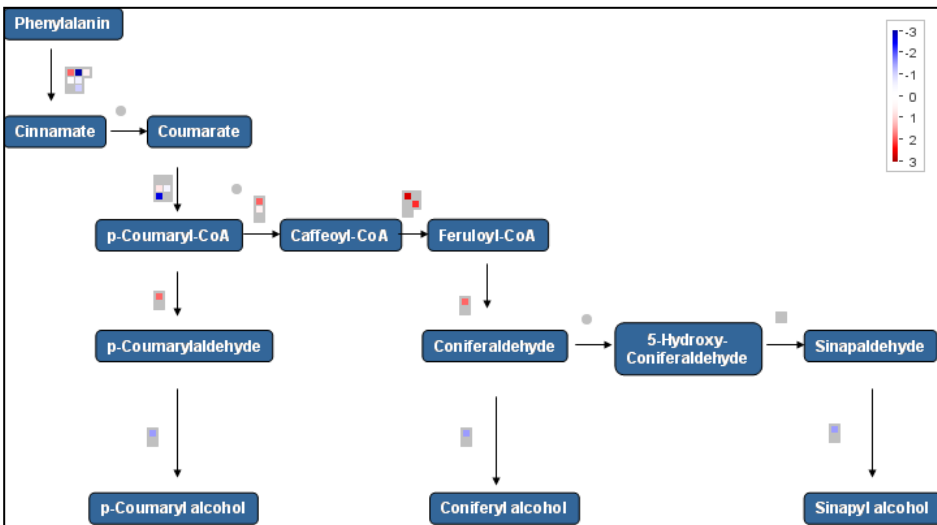


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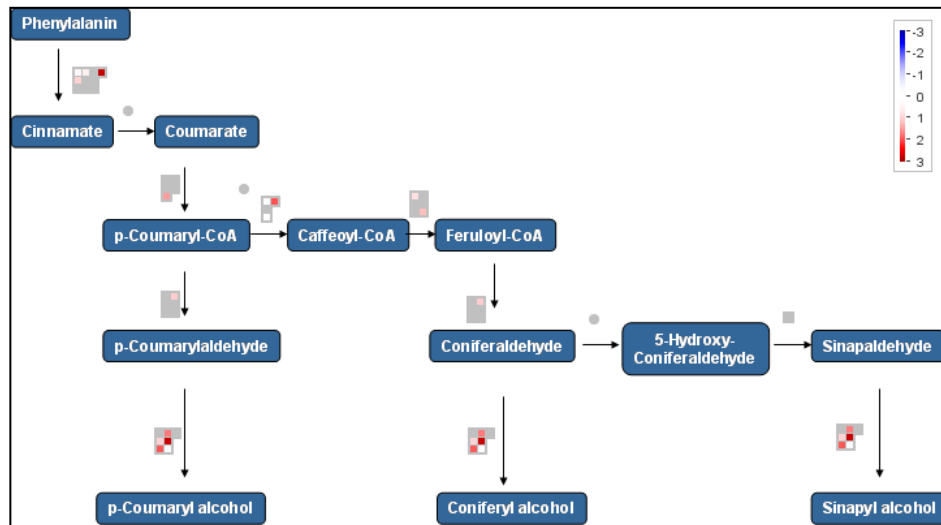


Supplementary Figure 3. Cell wall precursors biosynthesis responses to *Ustilago maydis* infection in specific cell-types. Genes differentially expressed (FDR $\leq 5\%$) are shown A, HPT. B HTT. C seeTC. D seeTC.vs.HTT: Upregulated transcripts are shown in red and downregulated transcripts are colored blue.

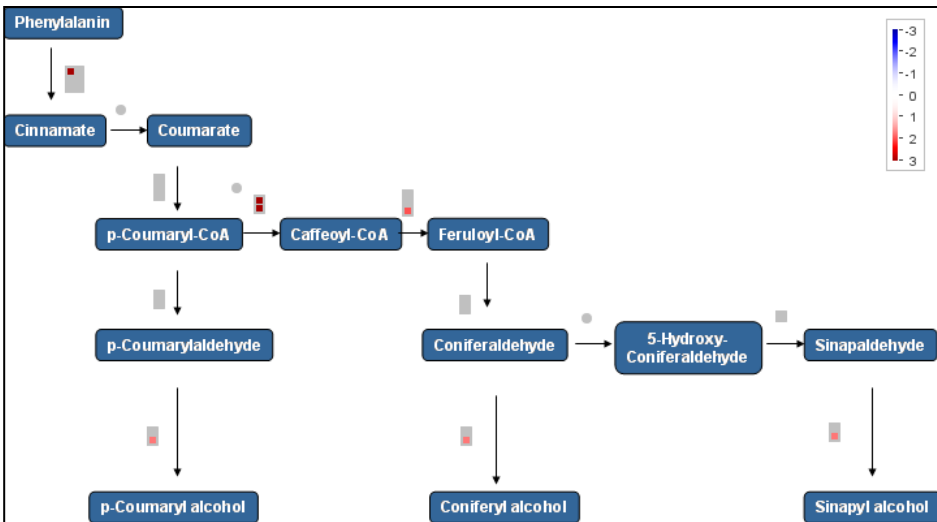
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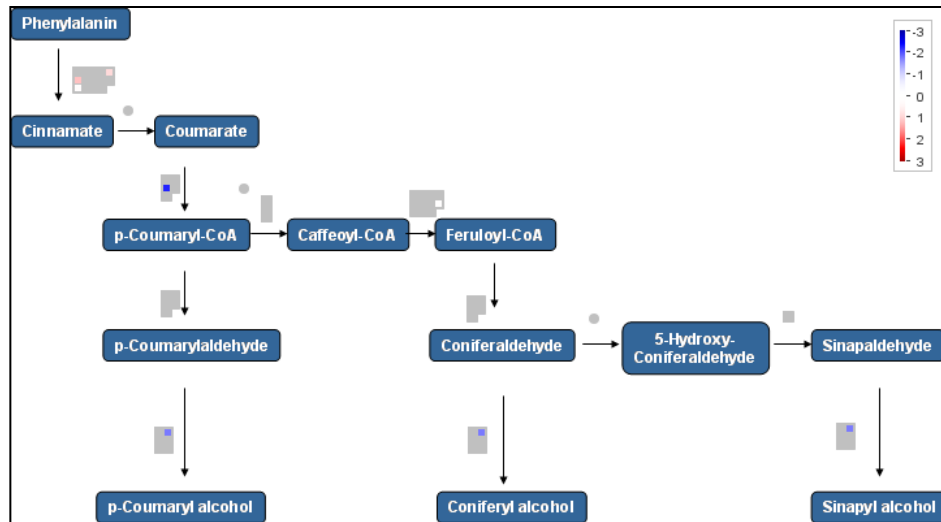
B



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D



Supplementary Figure 4. Lignin biosynthesis responses to *Ustilago maydis* infection in specific cell-types. Genes differentially expressed (FDR $\leq 5\%$) are shown A, HPT. B HTT. C seeTC. D seeTC.vs.HTT: Upregulated transcripts are shown in red and downregulated transcripts are colored blue.