**Additional file 1: Table S1.** Plasmid constructs used in over-expression of an Arabidopsis *F5H1* gene and RNAi-knockdowns of poplar (*Populus trichocarpa*) *F5H* and *COMTa* transcripts driven by a vascular-specific (*AtC4H*) or constitutive (CAMV*35-S*) promoters.

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**Name Promoter Gene or Target Gene (line#) Type**

pCC1063 AtC4H *AtF5H1-37* (2)Over-expression

pCC1063 AtC4H *AtF5H1-64* (3)Over-expression

pCC1035 AtC4H *PtF5H2* (4)RNAi-knockdown

pCC1020 CaMV-35S *PtF5H2* (5)RNAi-knockdown

pCC1036 AtC4H *PtCOMT1* (6)RNAi-knockdown

pCC0998 CaMV-35S *PtCOMT1* (7)RNAi-knockdown

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