Figure S1. The content of G-, S- and H-unit of lignin monomer detected by GC-MS.

a, WT; **b**, P3; **c**, P8; **d**, P12

Table S1. Information of primers applied in the present study.

Primer name	Primer sequences(5'-3')	Function
DiCCoAOMT1-F	'CGCGGATCCATGGCGACCACCG GAGAAGCACAGC	PCR amplification of full length fragment of *DiCCoAOMT1*.
DiCCoAOMT1-R	CCGCTCGAGTCAGCTGATGCGGC GGCACAGGGTA	
T-CCoAOMT1-F	GAAGCACAGCCAAATCAG	PCR amplification of part length fragment of *DiCCoAOMT1*.
T-CCoAOMT1-R	CGAGAACAGGCAAAGCAG	
Q-UBQ5-F	CCACAGGTTGCGTTAG	qPCR analysis of *AtUBQ-5* (reference gene for *Arabidopsis*).
Q-UBQ5-R	GACGCTTCATCTCGTCC	
Q-ACTIN-F	ACCCTCCAATCCAGACACTG	PCR analysis of *PtActin* (reference gene for *Poplar*).
Q-ACTIN-R	TTGCTGACCGTATGAGCAAG	
Q-CCoAOMT1-F	TGATGAAGGACAGTTCTTG	qPCR analysis of *DiCCoAOMT1*.
Q-CCoAOMT1-R	TAGCGAGGAGAGAGTAAC	