生长素诱导调节 *PagHAM4a* 和 *PagHAM4b* 的表达及对杨树次生木质部发育的影响

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Auxin Induces and Regulates the Expressions of *PagHAM4a*/*PagHAM4b* and Affects the Secondary Xylem Development in Poplar

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表 1 本研究所用引物

Table 1 The primers used in this study

名称 Name	序列 Sequence (5'–3')	目的 Purpose
*pBI*121-*DR5pro*-*PagHAM4a*-F	AAGCAGAAGAACGGCATCAA	转基因植物鉴定 Identification of transgenic plant
*pBI*121-*PagHAM4apro*-R	AGCCCAACACACATAATCCA	
*pBI*121-*DR5pro*-*PagHAM4b*-F	GCAAAGACCCCAACGAGAAG	
*pBI*121-*PagHAM4bpro*-R	TAAAGATGCGGGGCTGGAA	
q*PagHAM4a*-F	CCGTGATTACAGCCGGTGAC	RT-qPCR
q*PagHAM4a*-R	CCTTTCTCAGCAAACAACCAGC	
q*PagHAM4b*-F	GAGTAGCGTTGCGATGGAGG	
q*PagHAM4b*-R	GCTGATGTAGCAGTAAGGGGC	
UBQ-F	AGACCTACACCAAGCCCAAGAAGAT	
UBQ-R	CCAGCACCGCACTCAGCATTAG	