

Supplementary Table S1. qPCR primers for genes in *Picea glauca*.

Gene	Reference genome No.	Forward primer (5'-3')	Reverse primer(5'-3')
<i>MSH7</i>	MA_40647g0020	TTTTCTGCCGCCCCGAGTTAT	TGTGAGCCTGTTTTGTCAGC
<i>JMJ14</i>	MA_97089g0010	GGCCTGAATGACCAAAGGTG	AGCGTAGTCTCGGCAACAG
<i>CalS10</i>	MA_12849g0010	GGGCATGGGTATTCTCCTGTT	GGCTTGTTTCCCGCAAGAAT

The reference genome is Pabies-1.0 of *Picea abies*.