

MYB genes names	Forward primer sequences	Tm Salt Adjusted (°C)	Reverse primer sequences	Tm Salt Adjusted (°C)	Amplified gDNA length (pb)
<i>PgMYB1</i>	TTTAGAACGATCCCCGAATG	56	ATCTCATCCTCCTCCTCCAT	58	1336
<i>PgMYB2</i>	CAATGGGACGCCACTTATG	57	CTACCCTGTGAAAGACGAAGG	61	1898
<i>PgMYB3</i>	TTTTGAAATTGCGAACAGAATG	55	TATTTTTAGGCACCCGTTGATT	56	2430
<i>PgMYB4</i>	GCACGGCCATTCTATTCATT	56	CACCTGATCAAGGATCGACA	58	1503
<i>PgMYB5</i>	CCCTTGCAGCTAAGTTGCTT	58	TATGAATGCTTCGTGGTGGA	56	1243
<i>PgMYB6</i>	CTAATGGCGTCGATGAAAGG	58	GCAACCCCTGAACTCTGTGT	60	1007
<i>PgMYB7</i>	TGCAGAGGCTTGTTCAGAAATA	58	TTTTATTGGAAGGGCTGAGTGT	58	1220
<i>PgMYB8</i>	TCGATCAGAGTACGGGGATT	58	GGCTGCGAGTTTGTGTGAAT	58	1963
<i>PgMYB9</i>	TTCGATCCTGTTGTGAGCTG	58	CCAAGTGCCCCTTTATTTCA	56	1370
<i>PgMYB10</i>	CTTGGTCACGGTTTCCAATC	58	CCCATGGGATAACACACTCC	60	1022
<i>PgMYB11</i>	TTGCATTGTAGAGGGCCAAT	56	TCCATTCCATTTCGATCTGTTC	57	2356
<i>PgMYB12</i>	TCAGAAGAACAGGGCACCA	57	ATAAGGGCAATGGCTGGACT	58	1507
<i>PgMYB13</i>	ACCTTGCACGGTCATTCTTC	58	ACACGACTTCGGGCAATTTA	56	938

Additional file 1 – Primers sequences of spruce *MYBs* used for genomic amplification and sequencing.