

Supplementary Table 7 – Primers sequences of 50 selected INDELs and SNPs experimentally validated, discovered in the comparison of ‘Sultanina’ genes against the PN40024 reference genome. TSSNP refers to SNPs detected in ‘Sultanina’ genome, while SV_SHORT or SV_LONG refer respectively to short and long INDELs identified in the ‘Sultanina’ genome.

SNP or SV ID	Sequence forward 5'→3'	Tm (°C)	Sequence reverse 5'→3'	Tm (°C)
TSSNP336777	ACAGGAGCTAATGGAACTGAG	57	CCCCCTCTCATCTTACGCTT	59
TSSNP425959	ATGATGGAGAGAGAGAGAGAGA	57	TAACAGCATTGTCCTCCCA	59
TSSNP337800	GCAGTAAGTTATGAGGCACC	56	GGGTTTCCACGTTGAGAAGA	58
TSSNP338223	GGGCTTTTGTGTACCCTCA	58	CCTGTA CTCTCTTTTCCAC	56
TSSNP337760	GCTCAATCTGGGATTCAGGA	60	TGGA AACTGGAGCAAACACA	60
TSSNP296817	TAGAACGGAATCCGCAAATC	60	GGGAAATCCACCGTTATGA	60
TSSNP338124	CCTGGCTAAAGAAACAACCA	58	TGCCACGTAATAAACGCAGA	60
TSSNP429192	GCAAGAAAAGCATGAGACCA	59	TCAAACATCCAACAGCAAGC	60
TSSNP429891	ACCTGCTTACTCTCTCCACT	58	GGAAGAAAACATCATCAAGGGT	57
TSSNP435167	TGGGGGCAAACTAAGAAAA	60	TAGGCAAGGCAAGAAATGGT	60
TSSNP445004	CCTCTGATAAAGGCAAAACCA	56	TAGACAGTTGTATGCTCTGC	57
TSSNP721904	TTCATACCCACCAAATTCAGG	60	AAAAGGAAATCACCTGGAGGA	60
TSSNP1114022	CTCTGGTCAGGCTTCTCAG	60	CCTGAATTTGAGGAGCAGGT	59
TSSNP435359	GGTCCTTACAAGCCCACTCA	60	TGCCAAAATCCGTCCTAAA	59
TSSNP1027638	CAGCGAAAGTGTGACGAAAC	59	TTGAAAATGCGTTGAGGACT	58
TSSNP1101736	GTA AACGGATGCCCTTCAA	60	CCGGTTGGGTTTCGATTAT	61
TSSNP1103264	TTCTCGGACTTCTCTTCCA	60	GCTGGATGCAGAGCCACTAT	60
TSSNP1037434	TGAACAAGGGATAGGAATGAGA	59	CAGAAGTTGGTTACGCTGGC	59
TSSNP820904	AAACGCAGATGACGACAACC	59	CTGGATGCTGGAGGACCTTG	60
TSSNP820907	CTTTGGCTTTGAGCAACCC	60	TCAAGATGTGTGGAGGTGCAA	60
TSSNP11061	GCCCCACAACACGGACCATCG	60	GCAGCAATAGGACGGAGCACA	57
TSSNP11062	GGAAGGCAAGGAAGCTGCCCC	60	CACGGATGCGCACTTTGCGT	59
TSSNP57956	CACGGGTGCAAGTCCATGCT	58	ACCCAGCTGCAGTGCTTTATCC	59
SV_LONG_23043	TGCCGAGAGACTTGAAAGGT	60	GGTGTGCTTTTGCTTCTGTG	60

continued in next page

SNP or SV ID	Sequence forward 5'→3'	Tm (°C)	Sequence reverse 5'→3'	Tm (°C)
SV_SHORT_101491	GAGATTGGTAGGGTGGCAAA	60	AGCTGGCTGCTTTTCCTTCT	60
SV_SHORT_119678	TTTTTGCGCTTCATCATCAG	60	TTGAAGGACAGCACTCATGC	60
SV_SHORT_120106	TGCTGTCAGAGATGGATTGC	60	AAAAATGGGTATCCCCAAA	60
SV_SHORT_120449	TGGAATGGAAGTGAATCCAA	59	TGCCTCAGCTCTGTCTCAA	60
SV_SHORT_184121	GTGGCCTCCACAGCTACTTC	60	TCAGCAGTTGAGGTGCATTC	60
SV_SHORT_196760	TAAAGCCTTGGCTCATCAGG	60	ACGCTAGGCTATTGGCTGAA	60
SV_SHORT_230262	AAAAGGATCAGGGCACTCCT	60	AACCCCTTCTCATCCACTT	60
SV_SHORT_348842	AGTGGGAGGTGTTGGTGAAG	60	CCACTACCACTCCCTCCAA	60
SV_SHORT_362261	AAACCAGGTGGTCCAGGAG	60	TTGCGTTAATTTGTGCGAAG	60
SV_SHORT_367940	CACCCCATTTCTGTCTGATT	60	GAGGGTGGCACTTTATGGAA	60
SV_SHORT_370762	TATGCAGGTGAGGAGCAACA	60	CACCTGAGAGTTCACCACGA	60
SV_SHORT_373848	CCACTTCAACTTCCCTGTGG	61	CAAGGTCTCAACCGAGTGGT	60
SV_SHORT_392069	TTCCAGTTTACGTCACCAA	60	GTCTCCACCTGAACCTTGA	60
SV_SHORT_392074	TCAAGGTTCAAGTGGAGGAC	60	AAACCCAAACAAAGCCTCCT	60
SV_SHORT_450720	GAGCGAGAGAGACCTCCAGA	60	TTCAAGAGGGAGGGTCAATG	60
SV_SHORT_453089	GGCGACCTAGTGAGAATGGA	60	GCTCTCTCCCATGCTTTCAC	60
SV_SHORT_517122	CACGCATTCATCATGGTCTC	60	GTTGCTTACGTACGGCCATT	60
SV_SHORT_538572	CCAAAGCCAATGGACAAGAT	60	AAATGCAGGATTTGGGTGTC	60
SV_SHORT_541418	CTTCATCCCATGAAACAGC	60	ATCCATGCCTTGTGAGGTTC	60
SV_SHORT_562799	GCCTAACGGCAGATCAAGTC	60	CCTCAAGCAAAAACCCAAAA	61
SV_SHORT_5663	TTGACGCAATTACCCTCCTC	60	TTCCAATCAATGCGTGTGTT	60
SV_SHORT_5760	ATGTGAAGGTGGAGGAGGTG	60	ACATAGCCGAAATCCAAACG	60
SV_SHORT_81780	TAAACTCCTACCCCGATCC	60	TGATTCCCACCAGCTTGTCT	59
SV_SHORT_89482	TGCATCCACAAGAGTTCCAG	60	AGCTTGCCCCTAATGGAGTT	60
SV_SHORT_89496	ATGCAGGCTCTTCGGATAACA	61	ATGAAAATGGAGAGGCATGG	60
SV_SHORT_89956	GATGGACTTTGTTGGGCTTG	60	AGTGGAAGTTCACCGACACC	60