

Figure S1. Insertion of the SVA element in intron 7 of *SERPING1*.

The full sequence of *SERPING1* intron 7 is shown in black. Canonical donor and acceptor splice sites are highlighted in bold. The inserted SVA element sequence is displayed in blue at the precise integration site.

GTGAGCTCTGGCAGCTTAGGGTTACTCCCAGGCCATCAGAGGAGAAAGGGGGGATCCCTAAGAT
GTAGTTAGCATTTCTCTAGAGTATTTTTTACATCCATAATCTCAGTTTGTCTGCAACCCTGCAA
GTTAGAGGGGTAGGTGCTATTATCCCATTTGGATCATTGTGGAATGGAGGCTCAGAAGCTTTAT
GTGACTTACCCAGAGATTCCATGATTTACCTTGAGCTAGTCAGAGGCAAACCAGAACACCGAC
CCAGGTCTCCAGCTCTCTGAGTTTTTTCTATGGTTCTTGTGACATAGGCAGTGGAACAGTGG
GACAGGTAACCGAGGTGAATTATGGATGCTCCTTCCCCAGACACATTTCAAACAGTCAGCCAC
CCCGTGGAATATGCAAGAAGCTATCTGGAAGTGCAGATCTGGAGGCTTCTGAGTTTACGAGAGG
CAACAGAGACTCCATTTTCTTTTTTTTTTTTTTTTTTTTGGAGACGGAGTCTTGCTCTGTCACCCAG
GACAGGCTGGAGTGCAGTGGTGCATCTCTGCTCACTGCAAGATCCGCCCTCCAGATTCACGCC
ATGCCATTCTCTCGCCTCAGCCTCCCGAGTAGCTGGGACTACAGGTGCCCGCCACCACGCCTGG
CTAATTTTGTTTTTGTATTTTGTAGTAGAGACGGGGTTTCACTGTGTTAACCAGGATGGTCACAA
TCTCCGGACCTTGTGATCCACCTGCCTCGGCCTCCCAAAGTGCTGGGATTACAGGCATGAGTCA
CCGCGCCCAGCCCAGAGACTCCATTTTCTAACCTTTGTTTTTTTTGTTTGTGTTTTGTTTTGAGACG
GAGCCTCACTCTGTGTCACCCAGGCTGGAGCGCAGTGGCATGATCTTGGGTCACTGCAACCTCCGC
CTCCTGGGTTCAAGTGATTCTCCTACCTCAGCCTCCCAAGTAGCTGGGATTACAGGCACCTACC
ACCACGCCAGCTAATTTTTTGTATTTTGTAGTAGAGATGGGGTTTACCATGTTGGTGAAGCT
GGTCTTGAACCTCTGGGCTCAAGTGATCCACCCACCTCGGCTTCCCAAAGTGCTGGGATTACAG
GTGTGAGCCACTGTGCCAGCCTCATTTTCTAACCTTTGATCTCATGTCCAGCCCTGTCACTTC
ATTTCTTGTTAGAGAATTTGACCGCCTAACACATGATTCCATTTCTTGTATATGTCATCTGTA
TAGAAGAAAACCTCGCGGGAGGCAGCGGCTGGAGGAGCGGACGGGGCCCCGCGGGGCCCGAGGGC
AAGGAGCAGCCGCTGCCTTGGCCTCCCAAAGTGCCGAGATTGCAGCCTCTGCCCGGCCGCCAC
CCCGTCTGGGAAGTGAGGAGTGTCTCTGCCTGGCCGTCCATCGTCTGGGATGTGAGGAGCCCT
CTGCCTGGCTGCCAGTCTGGAAAGTGAGGAGCGTCTCCGCCCCGGCCGCCATCCCATCTAGGAA
GTGAGGAGCGCCTCTTCCAGCCGCCATCACATCTAGGAAGTGAGGAGCGTCTCTGCCCGGCCG
CCCATCGTCTGAGATGTGGGGAGCGGCCTCTGCCCGCCGCCGCCATCTGGGATGTGAGGAGCGC
CTCTGCCCGGCCGAGACCCCGTCTGGGAGGTGAGGAGCGTCTCTGCCCGGCCGCCCGGTCTGAG
AAGTGAGGAGACCCTCTGCCTAGCAACCACCCCGTCTGAGAAGTGAGGAGTCCCTCCGCCCCGC
AGCCGCCCCGTCTGAGAAGTGAGGAGCCTCTCCACCCGGCAGCCACCCCATCTGGGAAGTGAGG
AGCGTCTCCGCCCCGCGAGCCACCCCGTCCGGGAGGGAGGTGGGGGGGGGTGAGCCCTCCCGCC
CGGCCAGCCGCCCCGTCCGGGAGGGAGGTGGGGGGGTGAGTCCCCCGCTGGCCAGCGTGCCGT
CCAGGAGGGAGGTGGGGGGGTGAGCCCCCGCCCGGCCAGCCGCCCCGTCCGGGAGGTGAGGGG
CGCCTCTGCCCGGCCGCCCTACTGGGAAGTGAGGAGCCCTCAGCCCGGCCAGCCACCCCGTC
CGGGAGGGAGATGGGGGGGTGAGCCCCCACCAGGCCAGCCACCCGTCCGGGAGGGAGGTGG
GGGGTCAAGCCCCCGCCTGGCCAGCCGCCCGTCCGGGAGGGAGGTGGGGGGGTGAGCCCTCC
GCCCGGCCAGCCGCCCGTCTGGGAGGTGAGGGGCGCCTCTGCCCGGCCGCCCTACTGGGAAG
TGAGGAGCCCTCTGCCCGGCCAGCCGCCCGTCCGGGAGGGAGGTGGGGGGGTGAGCCCCCG
CCCGGCCAGCCGCCCTGTCCGGGAGGGAGGTGGGGGGGTGAGCCCTCCGCTGGGCCAGCCGCC
CGTCTGGGAGGTGAGGGGCGCCTCTGCCCGGCCGCCCTACTGGGAAGTGAGGAGCCCTCTGC
CCGGCCAGCCGCCCGTCCGGGAGGGAGGTGGGGGGGTGAGCCCCCGCCCGGCCAGCCGCCCT
GTCCGGGAGGGAGGTGGGGGGGTGAGCCCTCCGCCGGGCCAGCCGCCCGTCTGGGAGGTGAG
GGGCGCCTCTGCCCGGCCGCCCTACTGGGAAGTGAGGAGCCCTCTGCCCGGCCAGCCGCCCG
GTCCGGGAGGGAGGTGGGGGGGTGAGCCCCCGCCCGGCCAGCCGCCCGTCCGGGAGGGAGGT
GGGGGGGTGAGCCCCCGCCCGGCCAGCCGCCCGTCCGGGAGGGAGGTGGGGGGGTGAGCCCC
CCGCCCGGCCAGCCGCCCGTCCGGGAGGGAGGTGTGGGGGGGTGAGCCCCCTGCCCGGCCAG
CCGCCCGGTCCGGGAGGTGAGGGGCGCCTCTGCCCGGCCGCCCTACTGGGAAGTGAGGAGCCC
CTCTGCCCGGCCAGCCGCCCGTCCGGGAGGGAGGTGGGGGCGTCAAGCCCCCGCCCGGCCAGC

[illegible]