

Detection and evolutionary dynamics of somatic FAS variants in autoimmune lymphoproliferative syndrome: diagnostic implications

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Supplementary Table 1. Primers and PCR conditions for *FAS*, *CASP8*, and *CASP10* amplification and subsequent sequencing by Sanger method. PCR conditions (35 cycles) were as follows: 95°C for 30 s, annealing for 30 s (see specific temperatures in the table) and 72°C for 45 s.

Exon ^a	Primer forward (5'-3')	Primer reverse (5'-3')	Amplimer	T ^a annealing
<i>FAS</i>				
1	AAGCCTTTAGAAAGGGCAGGAGG	GGCCTGAGGGAAGGTCCTAACAG	707 bp	65°C
2	CAGTGGAGCCCTCACATTGTC	TGGAGCCAAATAGACCAGTCTTCTC	553 bp	66°C
3	ATCTCAGTGGCCAGTAACA	TATCTGGAAGAATTGCCTAGAC	735 bp	66°C
4	CTGGTGTGCTGCTGTGACTGTTG	TAGTTGCTTGGAGGCAAAGCAGG	364 bp	66°C
5-6	ATACGTTTGCCAGAGATGCAAAG	AAGAATGAGGCAAATCTTTGTGAAC	471 bp	64°C
7	GGCCAGCCTGTGGTAATTAGATG	CACTTGAGCCCAGGACTTTGAG	515 bp	66°C

8	GCTTAGTTTCTGGCAAGGCCG	GAAAAGTTTCTTAAGCCTCAGACTATTG	481 bp	64°C
9	TCTTGTTTCTGTATTCCCCTAGTCAGC	AAACCAAGCAGTATTTACAGCCAGC	570 bp	62°C
<i>CASP8</i>				
1	CATTGGCTTGTTTGTATGTCTA	CCACCCAAGGCACTACTG	673 bp	64°C
2	TCATAAACCATGCCATTAAGTGG	GAGCAGCACTTCGGTCTAAA	417 bp	64°C
3-4	ACATGGCTTCTCCTTTATCCTC	GTAGAGCAGGCACGTTAAGATG	640 bp	66°C
5	CCCCTGTTCCCAGCTTGAAT	GCTGGCACGGCTGCTAGA	497 bp	66°C
6	GAAACGACCCCGAGTTGG	CATGGCCCTTTTGGTATAGCTT	362 bp	66°C
7	GAGAGGGAGAGGGGTCAAATTC	GGGGGAAGGTAGTGTAACAGTG	662 bp	66°C
8	GTCTTGTTTTCGCACCTTATTG	GGCGACAGAGCGAGATT	342 bp	64°C
<i>CASP10</i>				
1	AATGCCCGAAGCGGAGAA	GAGGTGGGCTTCACTGCTAGT	721 bp	66°C
2	GGCCTGCTTCTACCACTTACTG	TGGCCTCATGCTAATGCTT	630 bp	66°C
3	TGTGACCTTCGGCAAGTTAC	AACATAGTGAAACCCTGTCGCT	778 bp	66°C

4	ACTGGCTTTATTTAAGGACCAC	GCCCTGTGCTCCATAGATTAT	701 bp	64°C
5	CTTTTCTGTGGCTGTGGATTAG	GCCTGCAGTCCCTAGAATCT	404 bp	66°C
6	GGCCTTGAGAGAAGCATAATTC	CGTGGTACATCTTTATCCAAGC	542 bp	64°C
7	ATCACAAGGTCAAGAGATCAAG	AAGAGGCTCAGAAACATGATA	780 bp	60°C
8	AGTTCTTCATTTTGTTTTGCAT	AACGTAGAACTCTCACCCCTTAC	679 bp	60°C
9	GGCCTCTCCACTTGAGTTATCA	TGTCAATCTCAGGCGATGT	487 bp	66°C

^aOnly coding exons have been sequenced.