

**Table S2.** Primers and PCR conditions for sequencing of *EPASI*. Exons 2, 9 and 12 were sequenced in all samples. The remaining exons were sequenced in the six samples without mutations that showed a high *EPASI* RNA expression (cases 6, 17, 24, 32, 35 and 36).

<i>EPASI</i> exon	Forward primer (5' – 3')	Reverse primer (5' – 3')	Annealing temperature [°C]
1	CACCTCGGACCTTCACCAC	CCTCTCAGCACTCTTCTCCC	63 <sup>a</sup>
2	ACAAAGCAGGTTGTGTGTGG	TGGTGTTTCTGTGGGTGAAA	56
3	GGGTGTCCTCTGTGCAGT	TTTGCAGGGAGAGGTCAAGT	56
4	CTCCTCCCTGCCTCCAAATC	TTTTCTGCATCACAAGGGC	56
5+6	AAACAATAGGCTGCCAAGAAAA	CAGGTCCACGAACATGCAC	56
7	TGTTTCATCTGCATGTGTGTGT	GTGGCAGCCTTGGTTTTCTA	56
8	TGTTCCCCTGCAGATTAGACT	TTAGCCCTGCAAGACCTCC	56
9	GCCTGGAGTCCTACCCATTT	CCTGGCCTCTAACAGGTGAT	55
10	AAGACCCATGTGTTCCAGCT	GGGGCTCTGTGATAACCTGA	56
11	AGTTGTGTGGTGGAATGGAA	ACCCTGTACCCCTACCTCTT	56
12	AACAGTGCTTGAGATGAATGG	CAGATGGCTGGGGAGAGG	64
13+14	TCAGCATTGGGACTGGAAGG	CTCAGAGAGGCAGGTACGG	56
15	GTTCTGGTGACTCTGAGCAC	TCAAGTCAAGCACCTCCCTG	65
16	AGACACCACTGAAGGAGCA	AGTGTGCTGGCGTTAGAAAT	56

<sup>a</sup>5% DMSO was used in the PCR reaction.