STAT1

STAT1				
1 and 2	cttttctcctgccgggtagt	tattttggggtgggggt	54°C	2.5
3	tcgtggaggagaaaaaaagt	ggtgtaaacttcttcttctg	54°C	3
4	gttttacatagacatttagttc	gctgaatgaagaaaactgcc	54°C	3
5	aatagatgagagatgaggttt	tctgattctcccacttcttg	54°C	3
6	gtggggacttgactttgg	aacctttttcccctacaga	54°C	3
7	ttgttttcgtgtttctctgg	cggcaaatagaaaggagtaa	54°C	3
8 and 9	cttggcttttgttggttttg	atttatgtgtttatgtggttag	54°C	3
10	ggctgcttctggactgtt	acggtaaaatgttcctctgt	54°C	3
11	ggttttgggatttctttact	ttcctcaaaagcacccta	54°C	3
12	ctggaggggagtagttt	ggaatctgtgcttgagtaac	54°C	3
13 and 14	cacttacactcttatgctct	ctaagaaaccagagacaaca	54°C	3
15	agcaactttgaccattacc	aactgacctgtccttgcta	54°C	3
16	gcacactgagatactaagaa	aacactgagaaataaaaatacat	54°C	3
17	agttatctgaaggtgacattt	cagtgagagcgtggggt	54°C	3
18	gtgtctctgtagtaaccct	gcagaggggaaaagagca	54°C	3
19 and 20	agccatccgtccaaccaa	caaccaagagcaaaaagga	54°C	3
21	tctcacattccagccatttt	atggaatggtggaactatg	54°C	3
22	attttgggatgttctatggg	agactgtgccacgctgtt	54°C	2.5
23	ttgatgttgtattctgatgga	ggctggcttgaggtttgt	54°C	3.5
24	caaaagataaagtgtgtaagta	agcacacacacttattgaga	54°C	3.5
25 part1	tcttcctactacttcattct	ttccctaaataaccactgat	54°C	3.75
25 part 2	cataaagtcagtgcccaac	aataacaaaaaggacaaagtag	54°C	3.75
25 part 3	atagatgtagataaactcaga	aagggcaaaaagaactgac	54°C	3.75
STAT1				
alpha	tcgacagtcttggcacctaacgtg	tggaaaagtaaaatacaagcatct	54°C	2.5
beta	tcgacagtcttggcacctaacgtg	tgctatcaacaggttgcagcg	54°C	3

* the primers to amplify genomic *STAT1* exons and full-length *STAT1* isofoms are indicated with their respective conditions of amplification

P

			P
			0.0063
			0.0128
			0.0037
			0.0037
			0.0068
			0.0014
			0.0084
			0.0012
			0.0006
			0.0185
			0.0071
			0.0748
			0.0083
			0.0153
			0.0034
			0.0044
			0.001
			0.0011

The two-tailed values of the differences between the patient's and control's responses, calculated using the unpaired student t test are indicated for each experiment.