

Additional File 2 Primer sequences used for RT-qPCR

Gene	Primer	Sequence (5'-3')	Tm (°C)	Product size (bp)
<i>IL23R</i>	For	GGTGTACGTGAAGAGTTTAGAGACAG	62	131
	Rev	CAGTACATTTGAAGCTTGGACCC		
<i>IL23R TV1</i>	For	ACAGGTCGTAAGAGAGCGACAAAG	58	120
	Rev	AATCCCTCCATGACACCAACTGAA		
<i>IL23R TV2</i>	For	CATAGACACAAATTTAGAGACAGAA	60	129
	Rev	CAGTACATTTGAAGCTTGGACCC		
<i>IL23R TV3</i>	For	ACTTGGAACGTAAGCTAAATTCCT	58	85
	Rev	AATTCTGACTGTTGCTCATATGTAA		
<i>IL23R TV4</i>	For	TCCTGAAATAGACAACGGGAAAC	58	79
	Rev	AGAAGTACAGCATAACAGCAA		
<i>IL23R TV5</i>	For	ACACCTTACTTCTGAATTTAAAAGAAG	58	195
	Rev	CTGGGAGAATGATTTCTATCTCTG		
<i>IL12RB1</i>	For	AGGATTCGGTGTCTGTGGACTGGA	61	110
	Rev	CAGACGCTTGGTTGCTGTCCTCCT		
<i>IL12RB1 TV1</i>	For	TATCCGTGCTCCACAATGTCCTCT	60	150
	Rev	GCAAAGCTGCTCTTGGACATCTTGA		
<i>IL12RB1 TV2</i>	For	CTGCTCTTCTCAAGGACCGGATGGG	60	82
	Rev	TTCAGGGGGGATGCACAAGAGGAGAA		
<i>IL12RB1 TV3</i>	For	CTGAGCTGGAGCAGCCCTGTGTGCAT	62	120
	Rev	GCTGCTCATGTAAGGCCACCTGCC		
<i>IL12RB1 TV4</i>	For	CACCATACCCAGATGCAGACTCA	61	187
	Rev	CGCAGAGCCTGTGGCAAAGA		
<i>IL17RB</i>	For	CGGGCAGATGTGGACGTTTTTC	60	130
	Rev	TGAAGTTCACAGCCATGGAGGG		
<i>IL17RB TV1</i>	For	GATCATGAGAGAAGTGTGCTGGG	58	118
	Rev	GAAGTAACAAACGTGCCTCCAGA		
<i>IL17RB TV2</i>	For	CGGGCAGATGTGGACGTTTTTC	56	129
	Rev	TGAAGTTCACAGCCATGGAGGG		
<i>IL17RB TV3</i>	For	TAACTCGAACTTCTGTGGTGGTCC	58	122
	Rev	GGTGCAGTGGGTCTTCAGTGAG		
<i>IL17RA</i>	For	CACACTGAGGCATCATCACAAGC	60	144
	Rev	GAAGTTTCTGGATTGGTGGTTTGG		
<i>SDHA</i>	For	ACCTGATGCTTTGTGCTCTGC	62	126
	Rev	CCTGGATGGGCTTGGAGTAA		
<i>YWHAZ</i>	For	TGTAGGAGCCCGTAGGTCATC	60	101
	Rev	TCTCTCTGTATTCTCGAGCCATC		