

**Additional File 1      Primer sequences used for amplifying full length genes**

Gene	Primer	Sequence (5'-3')	Tm (°C)	Product size (bp)
<i>IL23R</i>	For	AAATTGACAGGCAGCAGTGAGG	55	2030
	Rev	TCTTCAGATTTCAAGGCAGGTTCT		
	For*	AAGGAAGACGTGAGGCCGATAC	62	2000
	Rev*	TTTCAAGGCAGGTTCTGACTACAC		
<i>IL12RB1</i>	For	ACCGGCAGCACAGAAGTTCA	55	2382
	Rev	GCCCTCTCTGAACCTCACTG		
<i>IL17RB</i>	For	AATAAGAGCGCGCGGCCGAAG	55	1630
	Rev	ACTTCAGATTCTCACAGACACTT		
	For*	CGGCCCGAAGCCGATCCGGA	60	1575
	Rev*	GGGTCAGAAGGCTTTAGGG		
<i>IL17RA</i>	For	TTCCCGTGGTTCACATCGAG	52	539
	Rev	CAGGGTGACCGTGATGTGG		
	3' RACE	ACCGTCCACCACCTGCCTAAGCCCA	60	
	3' RACE*	ACATCACCGTGGAGACCCTTGAGG	68	
	5' RACE	TCCATGGGGTGAAGCTCAGCCGCAG	60	
	5' RACE*	CGTCAGGGATGGGCTTAGGCAGGT	68	
	5' UTR For	CTGTCTGCAAATACAAGGTCTTG	52	399
	5' UTR Rev	TCCACTCGATGTGAACCACG		