

Table SI. Potential transcription factor (TF) binding sites in the promoter region of IL36G_1427

Construct name	Potential TF binding site	Base pair (bp) numbers	DNA sequence
IL36G_1427	OCT1/3	-573 to -559	5'-CCAGTCTGCATAGTC-3' 5'-CCATGAGTCGGCGTC-3'
IL36G_DOCT1/3			
IL36G_1427	CEPB/b	-467 to -453	5'-GTAGTTGAGAAATGC-3' 5'-GTATGGTAACGCGGC-3'
IL36G_DCEBP/b			
IL36G_1427	NF-kB	-337 to -323	5'-CCTGGCATTCCAGT-3' 5'-CCGATAAGGGAAAGT-3'
IL36G_NF-kB/a			
IL36G_1427	NF-kB	-286 to -272	5'-CTGGGAAATCCCTT-3' 5'-CTATACAGGGAACGT-3'
IL36G_DNF-kB/b			
IL36G_1427	OCT1	-160 to -142	5'-CTTGTGCTAATTCTGTGAT-3' 5'-CTTAGAAGAAGGAGAGAT-3'
IL36G_DOCT1			

Each original sequence is shown below the mutated sequence (mutations are underlined).