**Primers’ List**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Gene | Forward Primer(5’->3’) | Reverse Primer(5’->3’) | Product length | Forward Primer Tm | Reverse Primer Tm | Exon Junction Span? |
| IL-19 | **CTCTGCGGCAATGTCAGGA** | **TCGAGCTCTCCCAGGGATTT** | **133** | **60.08** | **60.33** | **y** |
| IL-20 | TTGCAAGACACAAAGCCTGC | TGGTCAGGGGTCTGGTAGTT | **98** | **59.90** | **59.81** | **y** |
| IL-24 | ACAGGACCAGAGGGACAAG | TCCCAAGCAGCCTCAATTCT | **84** | **59.81** | **59.30** | **y** |
| IL-20RA | AACAGAACGTGGTCCCAGTG | CGCAGTAAAGAGTGTTCGGC | **76** | **60.18** | **59.56** | **y** |
| IL-20RB | TACAACCTTCGTGTCAGGGC | GTCGGGTAAGGATGGTTGAGT | **97** | **59.97** | **59.45** | **y** |
| IL-32 | AGATGGATTACGGTGCCGAG | TGTCACAAAAGCTCTCCCCA | **89** | **59.61** | **59.16** | **n** |
| TLR4 | GGTGCCTCCATTTCAGCTCT | GATGAAGTGCTGGGACACCA | **130** | **60.03** | **59.96** | **n** |
| TNF-α | GCCCATGTTGTAGCAAACCC | TGAGGTACAGGCCCTCTGAT | **133** | **59.75** | **59.66** | **y** |
| CXCL2 | CTCCTTGCCAGCTCTCCTCC | GCAGGAGCCGGGGATTG | **102** | **61.97** | **60.18** | **n** |
| CXCL8 | CCAGGAAGAAACCACCGGAA | TGGCAAAACTGCACCTTCAC | **122** | **59.89** | **59.54** | **n** |
| GAPDH | CATCACTGCCACCCAGAAGA | CCAGTGAGCTTCCCGTTCAG | **150** | **59.67** | **60.67** | **n** |