Supplementary Table 1. Primer-probe sequences for quantitative real-time polymerase chain reaction

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| Sample source | Gene name | 5’- Forward -3’ | 5’- Reverse -3’ |
| Skin | Actb | GAGGTATCCTGACCCTGAAGTA | CACACGCAGCTCATTGTAGA |
| IL-13 | GCTGAGCAACATCACACAAG | AATCCAGGGCTACACAGAAC |
| IL-4 | GACGGCACAGAGCTATTGAT | GGATATGGCTCCTGGTACATTC |
| IL-4R | CCTACACTACAGGCTGATGTTC | TGGACCGGCCTATTCATTTC |
| IL-17A | CAAACATGAGTCCAGGGAGAG | GCTGAGCTTTGAGGGATGAT |
| IFN-γ | ATCGGCTGACCTAGAGAAGA | AGCCAAGATGCAGTGTGTAG |
| TNF-α | CTACCTTGTTGCCTCCTCTTT | GAGCAGAGGTTCAGTGATGTAG |
| Th17 cells | IL-17A | CAAACATGAGTCCAGGGAGAG | GCTGAGCTTTGAGGGATGAT |
| IL-17F | GTCGCCATTCAGCAAGAAATC | GAGCATCTTCTCCAACCTGAA |
| RORγt | CCTTCCCTCCACTCTATAAGGA | GTCAGAGGGCTGAAGGAAATAG |
| ADSCs | PD-L1 | GAGTGCAGATTCCCTGTAGAAC | CTCTCCTGCCACAAACTGAA |
| TGF-β | GGTGGTATACTGAGACACCTTG | CCCAAGGAAAGGTAGGTGATAG |
| PGE2 | CAGTCCAGTGCCAGTAAACA | CCCTTACACTTCTCCAATGAGG |