

**Supplementary Table 1.** Gene list.

<b>Gene</b>	<b>Abbreviation</b>	<b>Reference</b>	<b>RefSeq.</b>
C-C motif chemokine ligand 2	<i>CCL2</i>	Hs.PT.58.45467977	NM_002982
Interleukin 1 beta	<i>IL1<math>\beta</math></i>	Hs.PT.58.1518186	NM_000576
Interleukin 6	<i>IL6</i>	Hs.PT.58.40226675	NM_000600
Interleukin 10	<i>IL10</i>	Hs.PT.58.2807216	NM_000572
Interferon gamma	<i>IFN<math>\gamma</math></i>	Hs.PT.58.3781960	NM_000619
Tumor necrosis factor alpha	<i>TNF<math>\alpha</math></i>	Hs.PT.58.45380900	NM_000594
Nuclear factor kappa B subunit 1	<i>NF<math>\kappa</math>B1</i>	Hs.PT.58.20344216	NM_001165412
Cytochrome P450 family 24 subfamily A member 1	<i>CYP24A1</i>	Hs.PT.58.3820691	NM_000782
Cytochrome P450 family 27 subfamily B member 1	<i>CYP27B1</i>	Hs.PT.58.38667884	NM_000785
Retinoid X receptor alpha	<i>RXR<math>\alpha</math></i>	Hs.PT.58.3784663	NM_002957
Vitamin D receptor	<i>VDR</i>	Hs.PT.58.20635582	NM_000376
DNA methyltransferase type 3A	<i>DNMT3A</i>	Hs00602456_m1	NM_001320892.1
Peptidylprolyl isomerase A	<i>PPIA</i>	4326316E	NM_021130.3