

Supplementary materials 2:**Table S2: List of abbreviations**

abbreviations	Full name
IRAK4	Interleukin-1 receptor-activated kinase 4
FBGC	Foreign body giant cell
BMSC	Bone marrow stromal stem cell
BMM	Bone-marrow-derived macrophages
TLRs	Toll-like receptors
MIP-1 α	Macrophage inflammatory protein-1 α
IFN- γ	Interferon- γ
NF- κ B	Nuclear factor kappa B
MAPK	Mitogen-activated protein kinase
IRF5	Interferon regulatory factor 5
SLA	Sand-blasted and acid-etched
M1	Classically activated macrophages
M2	Alternatively activated macrophages
iNOS	Inducible nitric oxide synthase
CCR7	C-C motif chemokine receptor 7
M-CSF	Macrophage colony stimulating factor 1
RANKL	Receptor ligand for NF- κ B
GM-CSF	Granulocyte-macrophage colony-stimulating factor
IL-4	Interleukin-4
TRAP	Tartrate resistant acid phosphatase
CTSK	Cathepsin K
CM	Conditioned medium
OM	Osteogenic medium
ALP	Alkaline phosphatase
TNF- α	Tumor Necrosis Factor- α
TGF- β	Transforming Growth Factor β
BMP	Bone morphogenetic proteins
VEGF	Vascular endothelial growth factor

TRAF6

TNF receptor-associated factor 6

TRIF

TIR domain-containing adaptor protein

CTHRC1

Collagen triple helix repeat containing 1

DC-STAMP

Dendrocyte expressed seven transmembrane protein
