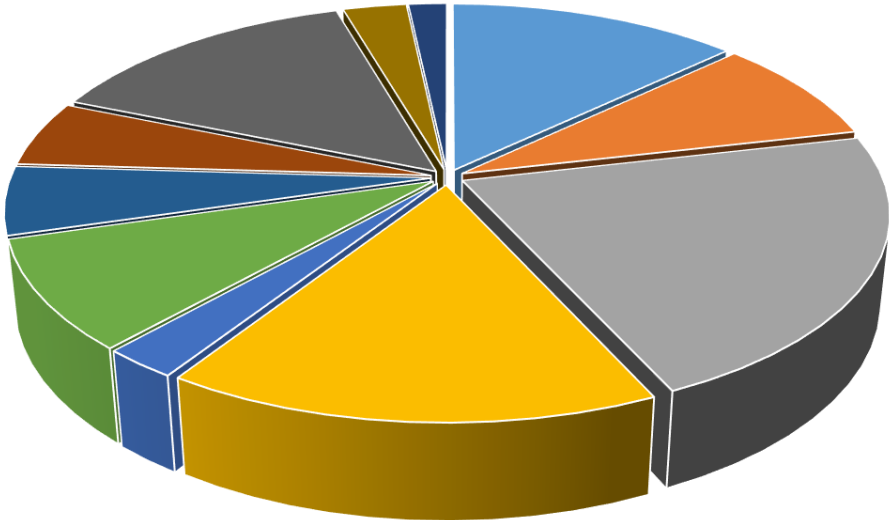


Supplementary Fig.1

1900 genes were uploaded to DAVID online software. KEGG pathway analysis showed many interested pathways which are upregulated after TGFb-1 treatment of hBMCs. Here we show the top most upregulated pathways which include key osteogenic pathways.

KEGG-PATHWAYS FROM DAVID TGFb UP GENES



- Focal adhesion
- FoxO signaling pathway
- PI3K-Akt signaling pathway
- MAPK signaling pathway
- Glycine, serine and threonine metabolism
- Signaling pathways regulating pluripotency of stem cells
- ECM-receptor interaction
- TGF-beta signaling pathway
- Ras signaling pathway
- Endocrine and other factor-regulated calcium reabsorption
- Hedgehog signaling pathway