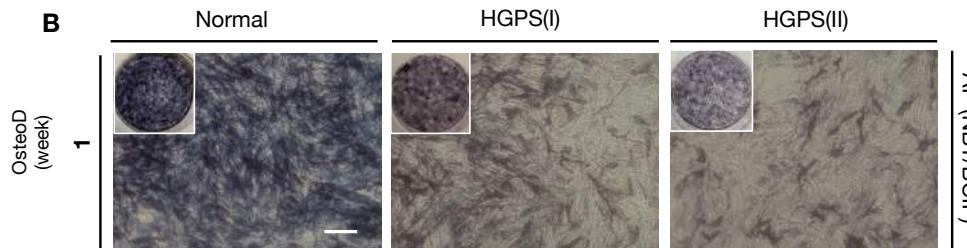
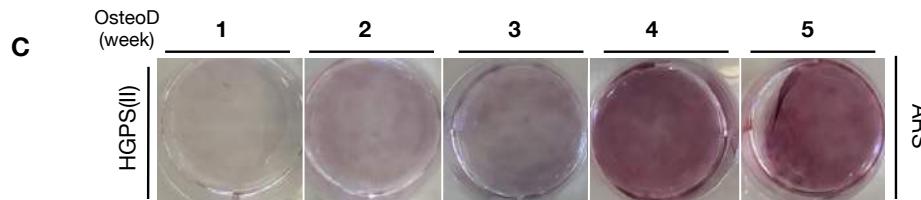
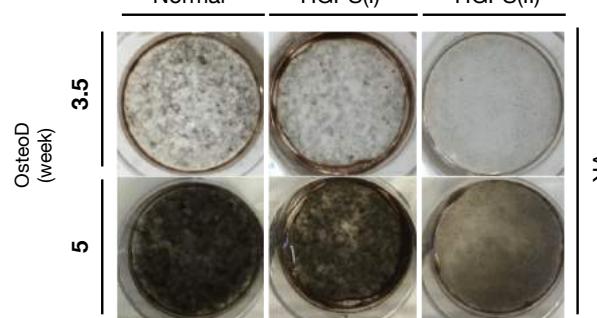
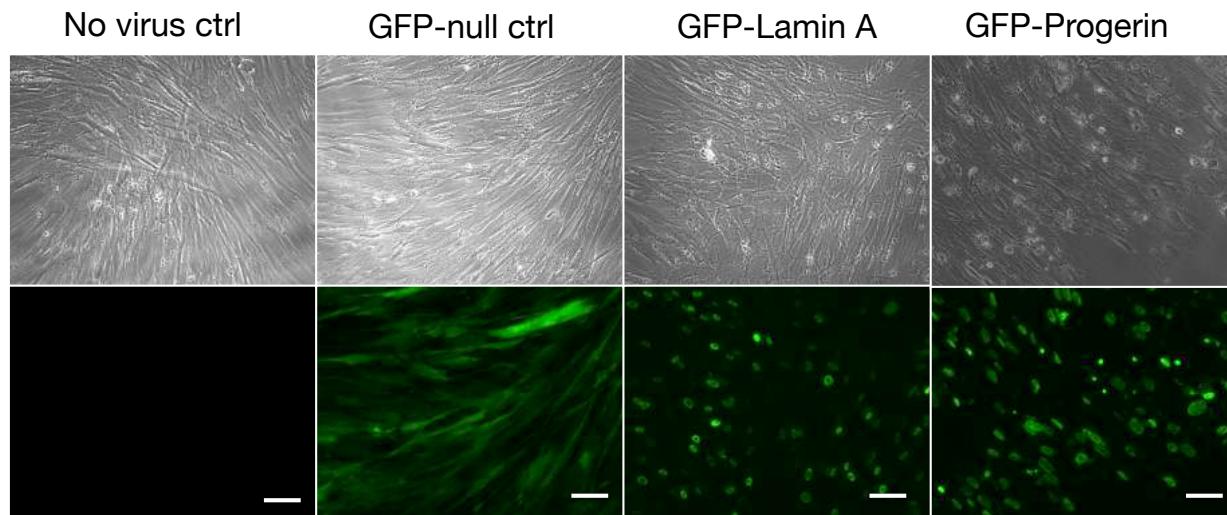


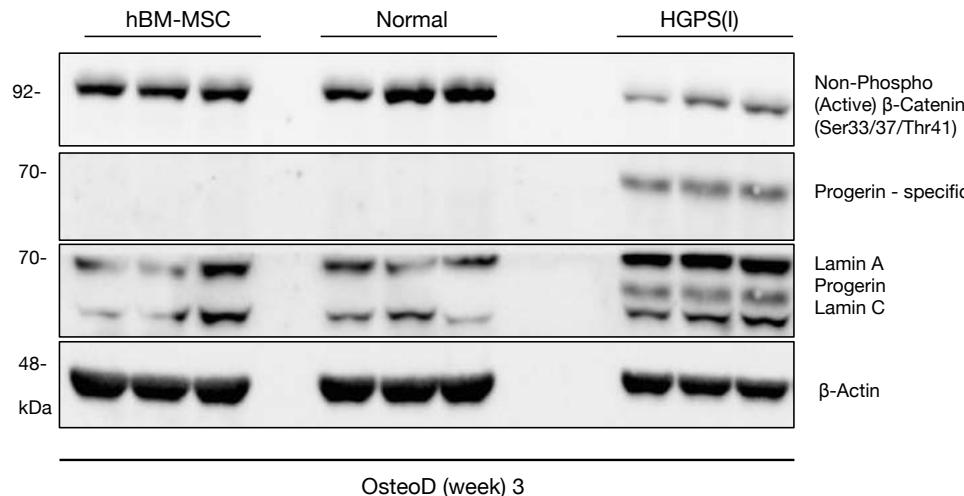
A

Stage	Periods (day)		Markers/ Characteristics
Early	I	1-4	Increased cell proliferations
	II	5-7	Transcription and protein expression of Alkaline Phosphatase (AP)
Mid	5-14		Expression of a collagen type I matrix
Final	14-28		Mineralization by calcium and phosphate

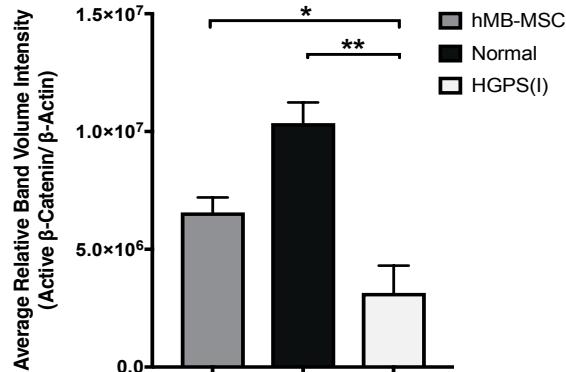
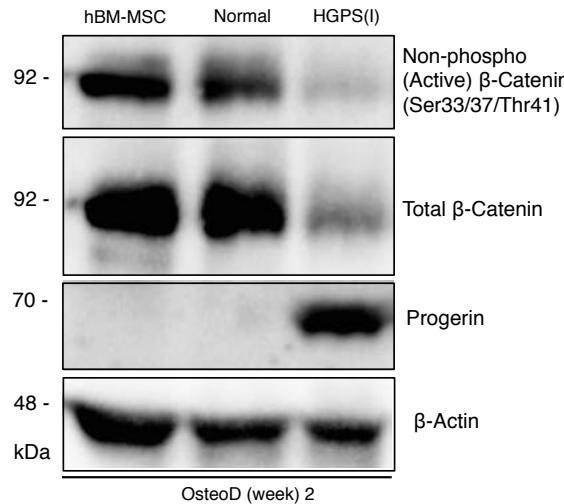
B**C****D****Supp. Figure 1**



Supp. Figure 2

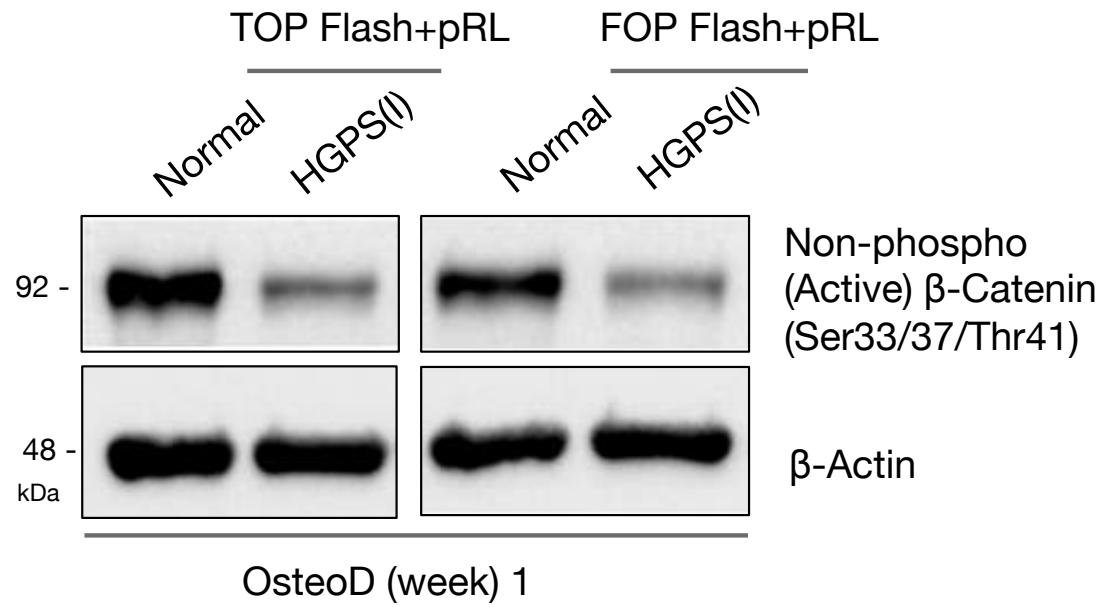
A

OsteoD (week) 3

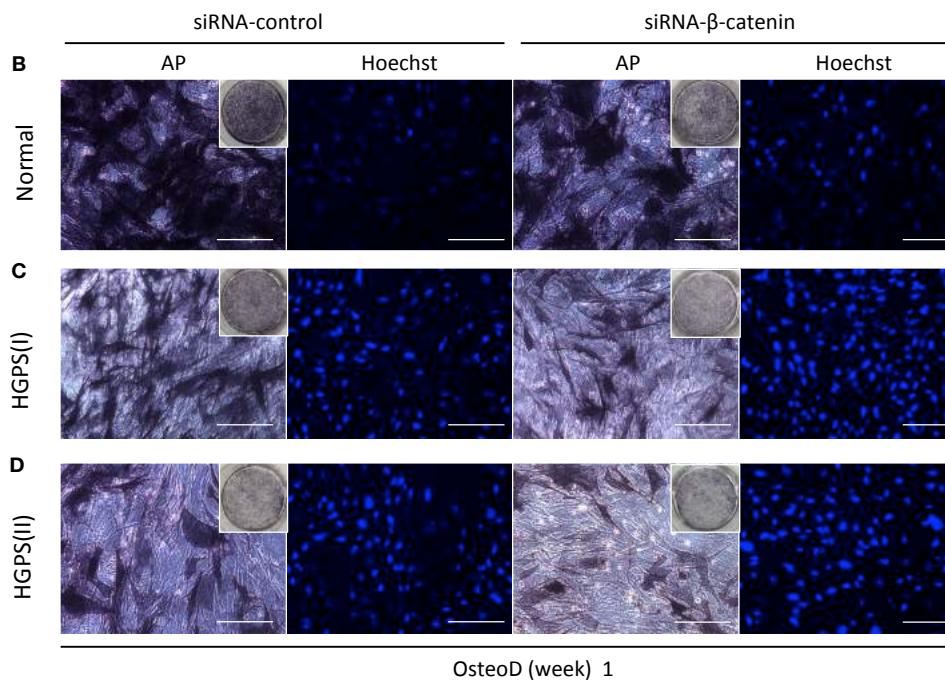
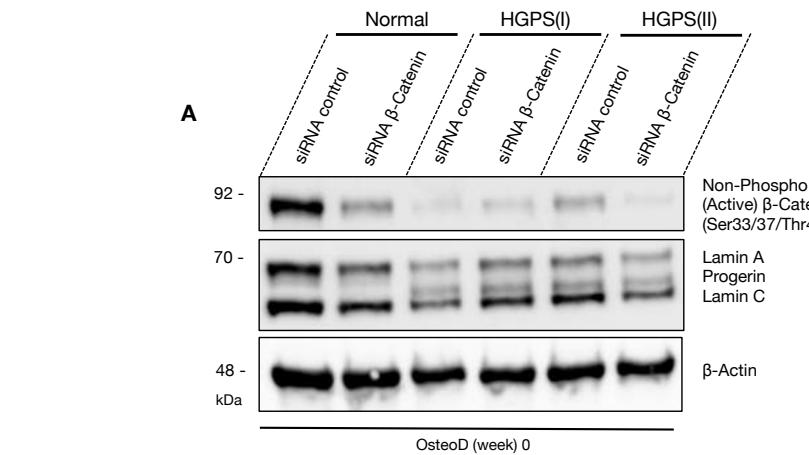
B**C**

OsteoD (week) 2

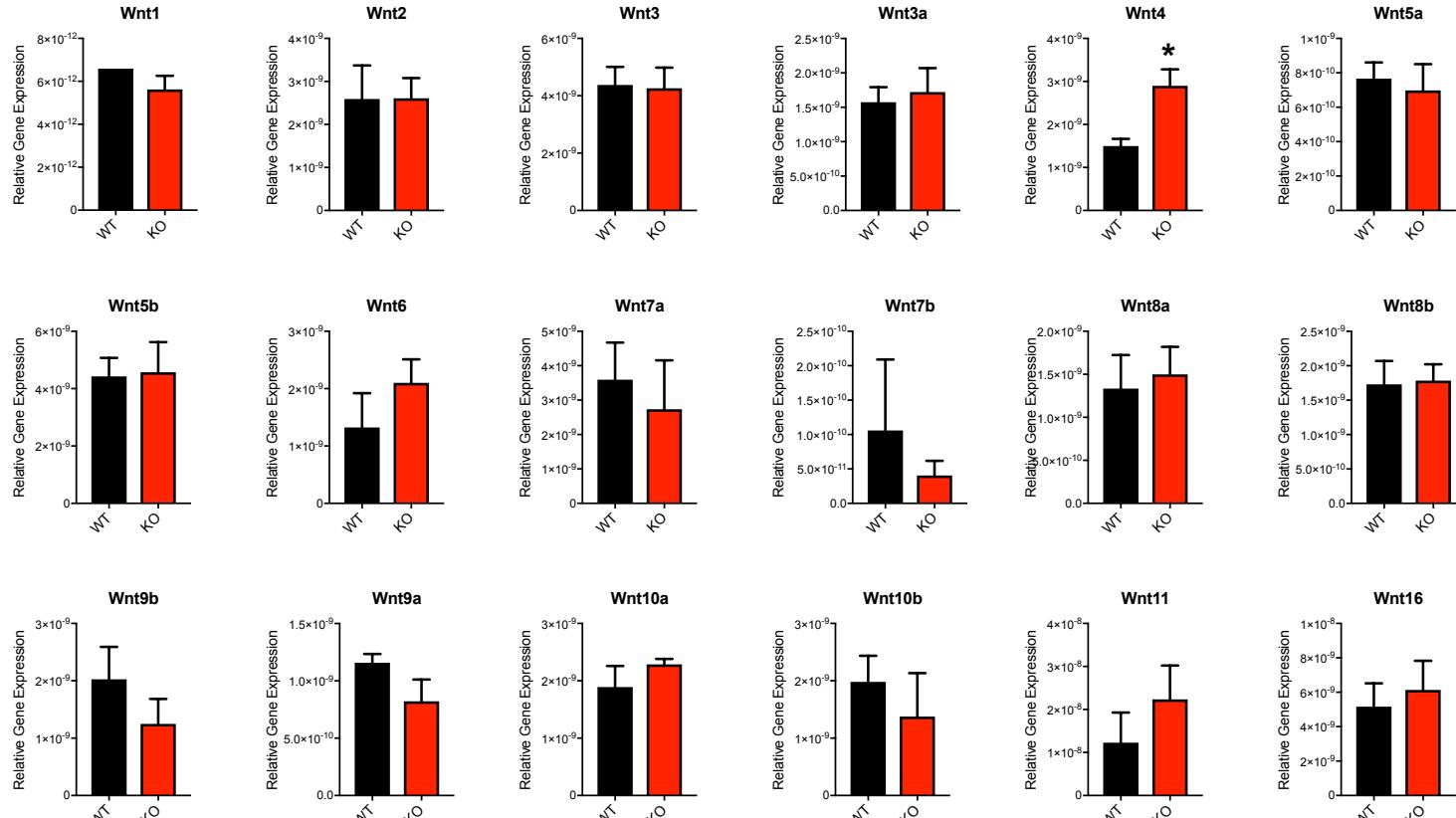
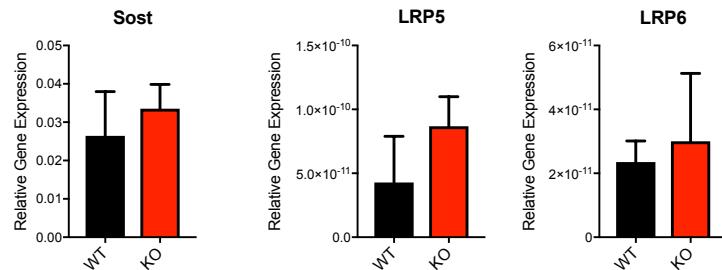
Supp. Figure 3

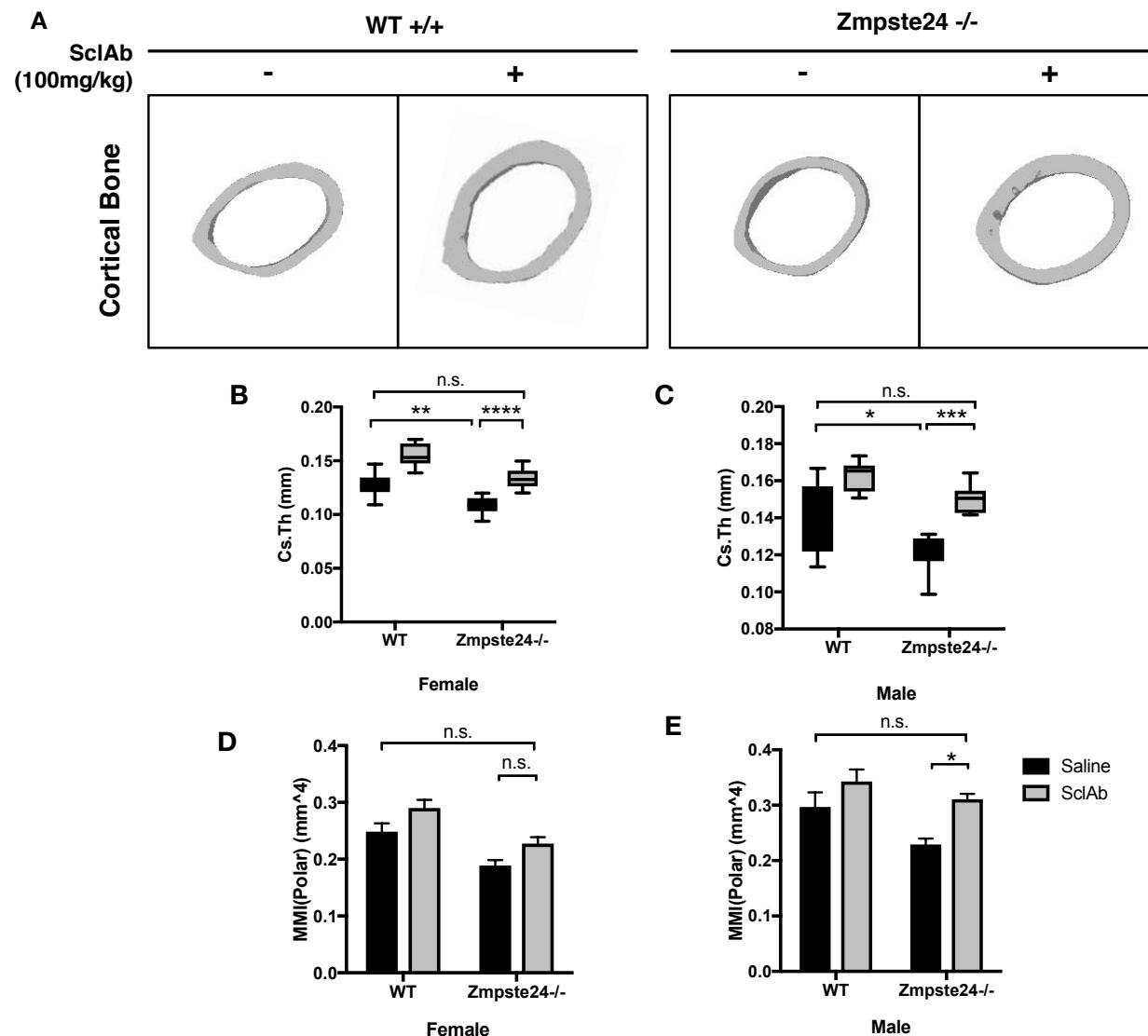


Supp. Figure 4



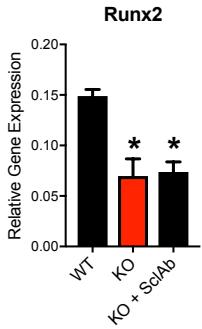
Supp. Figure 5

A**B****Supp. Figure 6**

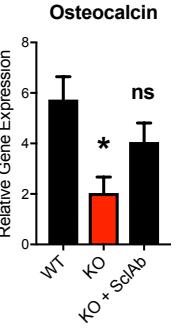
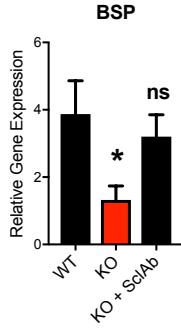
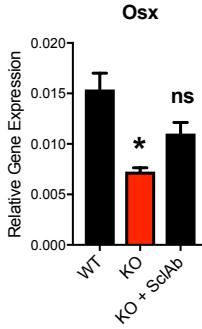
Supp. Figure 7

qPCR from Tibias

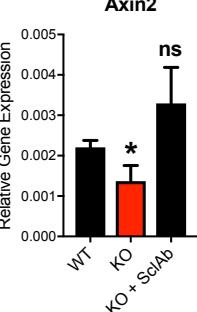
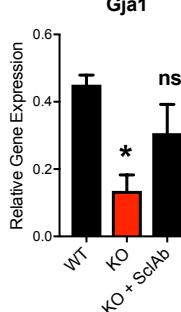
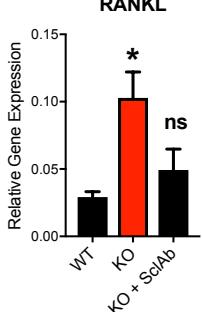
Early Osteoblast Markers



Late Osteoblast Markers



Wnt Responsive Genes



Supp. Figure 8