

A

Aged (24 Mo) vs Young (2 Mo)			
Gene ID	Log (fold change)	P value	Adjusted
<i>Bmp2</i>	-3.76260	0.16975	0.47670
<i>Smad1</i>	-3.49604	0.23452	0.47670
<i>Ppif</i>	27.70213	0.01365	0.24294

(5) Ambrosi et al; Nature, 2021

Osteoarthritis vs Normal			
Gene ID	Fold change	P value	Adjusted
<i>BMP2K</i>	1.62836	5.82E-07	0.00002
<i>PPIF</i>	-1.57291	0.01161	0.06728

(23) Dunn et al; OA and Cartilage, 2016

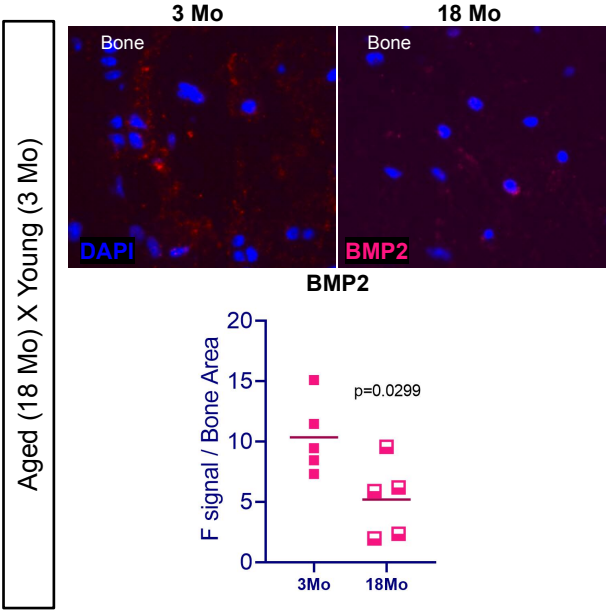
Frx (day 14) vs UnFrx			
Gene ID	Log ₂ (fold change)	Fold Change	Adjusted
<i>Bmp2 (d1)</i>	2.00399	4.01108	8.40E-59
<i>Smad1</i>	1.01311	2.01826	6.85E-36
<i>Ppif</i>	-1.17983	0.44140	1.74E-36

(19) Coates et al; Bone, 2019

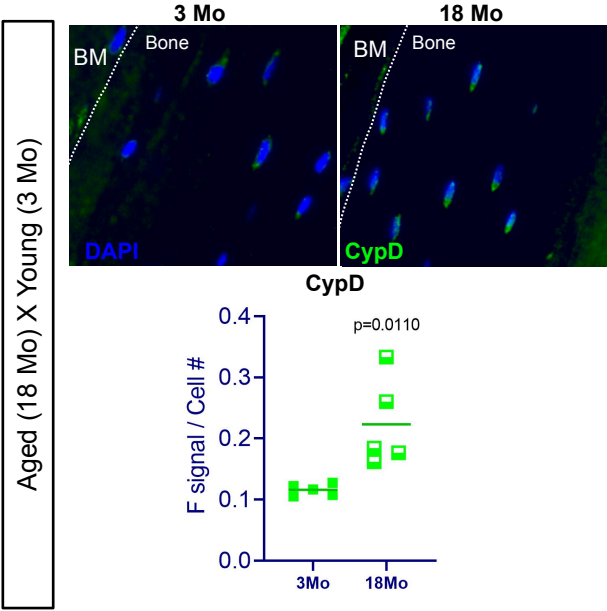
Valve Calcification		
Gene ID	Mean fpkm	
	Valve calcificant cells	Non-calcificant cells
<i>BMP2</i>	3.44	2.02
<i>PPIF</i>	8.55	12.51

(36) Huang et al; Stem Cells Int, 2019

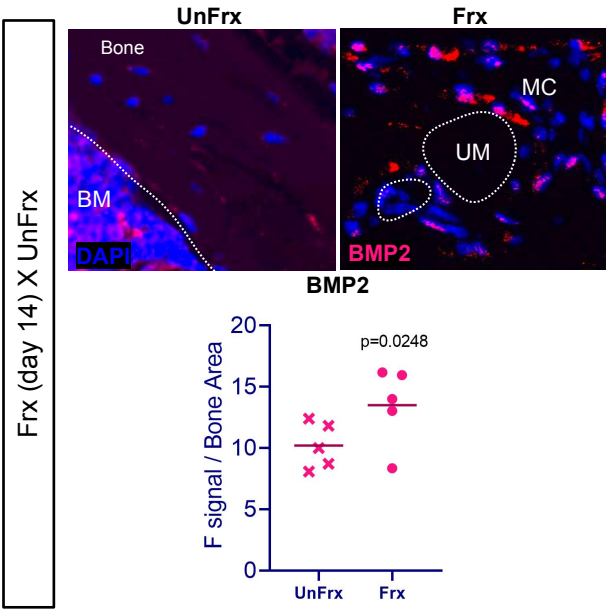
B



C



D



E

