

**Supplementary table 2** - Differences in gene expression levels of cartilage and bone markers measured in preserved and lesioned bone and cartilage tissue.

Marker	Genes	Preserved cartilage vs. bone		Lesioned cartilage vs. bone	
		Fold difference <sup>a</sup>	P-value	Fold difference <sup>a</sup>	P-value
Cartilage	COL2A1	0,02	7,46E-48	0,01	7,93E-24
Cartilage	COMP	0,01	1,03E-60	0,01	2,76E-47
Cartilage	CRTAC1	0,01	1,64E-112	0,01	1,88E-75
Bone	COL1A1	1,85	1,78E-01	4,31	2,25E-03
Bone	SPP1	8,85	3,54E-19	2,56	3,56E-04
Bone	BGLAP	9,17	5,92E-08	11,19	1,59E-11

<sup>a</sup> Fold difference between cartilage and bone with cartilage expression levels as reference