

Supplementary table 7 - Overlapping differentially expressed genes between the subchondral bone and the articular cartilage with opposite direction of effect

Ensembl ID	Gene name	Subchondral bone		Articular Cartilage	
		Fold change	FDR	Fold change	FDR
ENSG00000074181	NOTCH3	0,70	1,44E-03	2,03	1,13E-03
ENSG00000081277	PKP1	0,57	5,32E-03	1,62	4,84E-03
ENSG00000082175	PGR	0,73	2,79E-02	1,49	2,02E-02
ENSG00000088387	DOCK9	0,88	2,90E-02	1,32	2,17E-02
ENSG00000100234	TIMP3	0,70	4,39E-03	1,54	9,97E-06
ENSG00000103528	SYT17	0,80	4,66E-02	1,21	2,56E-02
ENSG00000109846	CRYAB	0,67	2,83E-02	1,32	6,16E-03
ENSG00000110092	CCND1	0,84	3,29E-02	1,63	1,14E-04
ENSG00000119185	ITGB1BP1	0,81	2,45E-02	1,22	5,71E-04
ENSG00000120278	PLEKHG1	0,85	4,29E-02	1,77	7,93E-04
ENSG00000120318	ARAP3	0,85	3,56E-03	1,34	4,38E-03
ENSG00000144476	ACKR3	0,76	3,99E-02	1,34	7,96E-03
ENSG00000145911	N4BP3	0,68	1,92E-03	2,18	3,27E-03
ENSG00000146674	IGFBP3	0,78	2,63E-02	2,65	1,12E-07
ENSG00000156453	PCDH1	0,82	2,19E-02	1,91	4,02E-05
ENSG00000157510	AFAP1L1	0,80	1,93E-02	2,08	9,44E-04
ENSG00000157617	C2CD2	0,74	2,45E-02	1,28	1,98E-03
ENSG00000158258	CLSTN2	0,66	6,38E-03	1,83	1,40E-02
ENSG00000173210	ABLIM3	0,76	3,70E-03	1,98	9,31E-06
ENSG00000173599	PC	0,83	3,60E-02	1,25	3,51E-03
ENSG00000197183	NOL4L	0,84	2,56E-02	1,25	1,02E-03
ENSG00000198517	MAFK	0,86	2,43E-02	1,35	4,36E-03
ENSG00000198742	SMURF1	0,90	4,93E-02	1,55	3,32E-07
ENSG00000205336	ADGRG1	0,78	3,59E-02	1,73	1,39E-03
ENSG00000052850	ALX4	2,08	2,30E-03	0,55	2,75E-02
ENSG00000099284	H2AFY2	1,23	2,32E-02	0,85	2,07E-02
ENSG00000106066	CPVL	1,26	8,94E-03	0,53	9,16E-03
ENSG00000144649	GASK1A	1,48	1,49E-02	0,54	1,86E-03
ENSG00000165973	NELL1	1,74	3,11E-02	0,47	2,05E-02
ENSG00000182326	C1S	1,29	1,37E-02	0,77	7,74E-03
ENSG00000182853	VMO1	1,58	4,38E-02	0,53	1,63E-03
ENSG00000264672	SEPT4-AS1	1,44	2,30E-02	0,60	1,94E-02