

**Supplementary table 6.** Comparison of transcription factors harboring differentially methylated CpG sites in knee articular cartilage from normal and osteoarthritis patients with hip OA dataset (20).

<b>Gene symbol</b>	<b>Methylation Status in OA knee cartilage</b>	<b>Differentially methylated in Rushton et al (20) in OA hip cartilage</b>
AGAP1	Hypomethylated	Yes
ATOH8		Yes
BACH2		Yes
BARX1		Yes
CREB5		Yes
CREM		No
ERG		Yes
FLI1		No
GLIS1		Yes
HOXC4		Yes
HSF4		No
MAFF		No
NCOR2		Yes
NFATC1		Yes
NHLH2		No
OSR1		No
PITX1		Yes
PRDM11		Yes
PRDM8		Yes
RAI1		Yes
RERE		Yes
RXRA		Yes
TBX4		No
UCKL1		No
ZBTB16		Yes
ZHX2		No
ZMIZ1		Yes
ZNF549		No
ZNF551		No
ZNF697		Yes
ZNF827		Yes
AFF3		Hypermethylated
ARNT2	Yes	
BCL6	No	
CREB3L1	Yes	

EHF	No
FOXP1	Yes
HIVEP2	Yes
PAX8	No
RORA	Yes
RUNX1	Yes
SP1	Yes
ZNF238	Yes
ZNF395	No
ZNF592	Yes

---