

Supplementary table 5. Comparison of the most differentially hypomethylated and hypermethylated genes in knee articular cartilage from normal and osteoarthritis patients with hip OA dataset (20).

Gene symbol	Methylation Status in OA knee cartilage	Differentially methylated in Rushton et al (20) in OA hip cartilage
BST2	Hypomethylated	Yes
CAMK1D		Yes
CCM2		No
CD82		Yes
CPNE2		Yes
DENND2D		Yes
ILDR1		Yes
JMJD7		Yes
LAMB3		Yes
LAPTM5		No
LOC148696		No
ODZ4		Yes
PAX8		Yes
RUNX1		Yes
SFTA1P		Yes
TRPV3		No
ULK4		No
ASPSCR1	Hypermethylated	Yes
C10orf11		Yes
DYSF		Yes
FGFRL1		Yes
KDM4B		Yes
LRP5		Yes
NFATC1		Yes
PRDM8		No
SPRY4		No
TBX4		No
TUBAL3		No
VASN		No
ZNF549		No