



**S.1** Morphological observation of ADSCs and characterization of flow cytometry (positive expression of CD90 and CD29; negative expression of CD31 and CD45).

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DAPDH(F)	Order NO. B662204,Sangon Biotech,Rat GAPDH Endogenous
GAPDH(R)	Reference Genes Primers
RUNX2(F)	CCTGAACTCAGCACCAAGTCCT
RUNX2(R)	TCAGAGGTGGCAGTGTCA
COL1(F)	AGAGGCATAAAGGGCATCGTG
COL1(R)	AGACCGTTGAGTCCATCTTG
OPN(F)	CCAGCCAAGGACCAACTACA
OPN(R)	AGTGTGCTGTAATGCGCC

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**T.1** Primer information