

Supplemental Table 1: Taqman assays used to interrogate gene expression in aged and young human BM-MSCs.

Gene ID	Assay ID	Gene ID	Assay ID
Hs00174179_m1	ACE	Hs01085825_m1	KCND1
Hs99999903_m1	ACTB	Hs00174029_m1	KIT
Hs00153853_m1	ADAM10	Hs00757864_m1	LIMS1
Hs01379255_g1	ADM5	Hs01554597_m1	MEF2C
Hs00287594_m1	AFAP1L2	Hs00236988_g1	MIF
Hs00411286_m1	AGR3	Hs00153510_m1	MME
Hs00375822_m1	ANGPT1	Hs00968305_m1	MMP3
Hs01048042_m1	ANGPT2	Hs00234579_m1	MMP9
Hs00984230_m1	B2M	Hs00899726_m1	MORC3
Hs99999018_m1	BCL2	Hs04225119_g1	NANOGNB
Hs00236329_m1	BCL2L1	Hs00609976_m1	NGFR
Hs01055564_m1	BMP2	Hs01075529_m1	NOS2
Hs00171632_m1	BST2	Hs00276431_m1	NOX4
Hs00234140_m1	CCL2	Hs02339479_g1	NPM1
Hs00234142_m1	CCL3	Hs01573922_m1	NT5E
Hs00765553_m1	CCND1	Hs00696862_m1	PCNA
Hs01033303_m1	CD200	Hs00377253_m1	PDCD4
Hs00213164_m1	CD320	Hs00964426_m1	PDGFa
Hs00156390_m1	CD63	Hs01019589_s1	PDGFRb
Hs00154355_m1	CD68	Hs01065282_m1	PECAM1
Hs00269961_m1	CD74	Hs00182176_m1	PGF
Hs00174717_m1	CD81	Hs00182181_m1	PLAUR
Hs00362607_m1	CD93	Hs00383235_m1	PTN
Hs00365982_m1	CD99	Hs00898488_m1	PTPRC
Hs00901463_m1	CDH5	Hs00161050_m1	PVRL1
Hs00153439_m1	CFLAR	Hs01071562_m1	PVRL2
Hs00355049_m1	CTNNB1	Hs99999901_s1	R18s
Hs00200713_m1	CTRC	Hs01092205_g1	Rap1A
Hs00930455_m1	CXCL12	Hs00991065_m1	S100Z
Hs00222859_m1	CXCL16	Hs01009005_m1	SIRT1
Hs01001580_m1	ERBB2	Hs00195591_m1	SNAI1
Hs01076029_m1	F3	Hs00533490_m1	SOD1
Hs00531110_m1	FAS	Hs01553554_m1	SOD2
Hs00999691_m1	FGF4	Hs00162090_m1	SOD3
Hs00181829_m1	FGF9	Hs00911929_m1	TBX2
Hs01552926_m1	FGFR2	Hs00195612_m1	TBX3
Hs01052936_m1	FLT1	Hs00608187_m1	TGFa
Hs01073586_m1	FOXO1	Hs00998133_m1	TGFb1
Hs00201853_m1	FZD4	Hs00178500_m1	TIE1
Hs00934682_m1	GATA6	Hs00152939_m1	TLR4
Hs00704434_s1	GOLGA6L2	Hs99999043_m1	TNF
Hs00181813_m1	HBEGF	Hs00961749_m1	TNFRSF1B
Hs00300159_m1	HGF	Hs01034249_m1	TP53
Hs00936371_m1	HIF1a	Hs00264218_s1	UCN2
Hs00181213_m1	IGFBP5	Hs00174239_m1	VCAM1
Hs01075667_m1	IL6R	Hs00900055_m1	VEGFa
Hs01547673_m1	ITGA5	Hs01011247_m1	WNT1
Hs01001469_m1	ITGB3	Hs01087915_m1	WRN