

Table S2. Reagent information

Reagent	Vendor	Catalog #
MISCELLANEOUS REAGENTS		
adenosine 5'-(alpha,beta-methylene)diphosphate	Sigma-Aldrich, MO	M3763
Adenosine (Ado)	Sigma-Aldrich, MO	A4036
5'-(N-Ethylcarboxamido)adenosine (NECA)	Sigma-Aldrich, MO	E2387
8-Bromoadenosine 3',5'-cyclic monophosphate (8-Br-cAMP)	Sigma-Aldrich, MO	B5386
Forskolin	Cayman, MI	11018
Activin A	Sigma-Aldrich, MO	A4941
FGF2	Globalstem, MD	GSR-2001
Interleukin-6 (IL6)	Sigma-Aldrich, MO	I1395
Follistatin	Sigma-Aldrich, MO	F1175
MEGM	Lonza, Switzerland	CC-3051
Polybrene	Sigma-Aldrich, MO	107689
Puromycin	Sigma-Aldrich, MO	P8833
PATHWAY ACTIVATORS OR INHIBITORS		
1,3-Dimethyl-8-phenylxanthine (8-PT)	Sigma-Aldrich, MO	P2278
MRS 1754 hydrate	Sigma-Aldrich, MO	M6316
3,7-Dimethyl-1-propargylxanthine (DMPX)	Sigma-Aldrich, MO	D134
VUF 5574	Sigma-Aldrich, MO	V558
H-89 dihydrochloride hydrate (H89)	Sigma-Aldrich, MO	B1427
8-Bromoadenosine 3,5-cyclic monophosphate (8-Br-cAMP)	Sigma-Aldrich, MO	B5386
STATTC (ST)	R&D systems, MN	2796
Ruxolitinib	Cayman, MI	11609
SB431543 (SB)	Sigma-Aldrich, MO	S4317
STATTC (ST)	R&D systems, MN	2796
PD173074	Cayman, MI	13032
PLASMIDS		
Lentiviral plasmid expressing CD73-Flag	Origene, MD	RC209568
Lentiviral plasmid expressing short hairpin for Oct3/4	Dharmacon, CO	V2LHS_222507
Lentiviral plasmid expressing short hairpin for Nanog	Dharmacon, CO	V2LHS_193422
Lentiviral plasmid expressing short hairpin for Sox2	Dharmacon, CO	V2LHS_153337
Lentiviral plasmid expressing short hairpin for CD73	Dharmacon, CO	V3THS_359876
Lentiviral plasmid expressing short hairpin for AdoRa 2b	Dharmacon, CO	V2THS_111961
Lentiviral plasmid expressing short hairpin for Stat3	Dharmacon, CO	V3THS_376016
Lentiviral plasmid expressing short hairpin for Stat3	Dharmacon, CO	V3THS_376017
ANTIBODIES		
for FACS-based cell sorting		
anti-CD73 labeled with PE (phycoerythrin)	BD Biosciences, CA	550257
anti-CD90 labeled with APC (allophycocyanin) (BD Biosciences; 559869)	BD Biosciences, CA	559869
anti-CD2	BD Biosciences, CA	555325
anti-CD3	BD Biosciences, CA	555338
anti-CD16	BD Biosciences, CA	555405
anti-CD64	BD Biosciences, CA	555526
anti-CD31	Invitrogen, CA	MHCD3115
anti-CD45	BioLegend, CA	304003
anti-CD140b	BioLegend, CA	323604
anti-human secondary antibody coupled to Pacific Blue (PB)	Invitrogen, CA	S11222
goat anti-Rabbit secondary antibody (Alexa 647)	Life Technologies, CA	A-21244
for immunocytochemistry, Western blotting and cell assays		
anti-IL6 neutralizing antibody	R&D systems, MN	AB206
anti-TGFβ neutralizing antibody	R&D systems, MN	MAB1835
anti-CD73	Sigma-Aldrich, MO	HPA017357
anti-Oct 3/4	Santa Cruz Biotechnology Inc, CA	H314
anti-Nanog	BD Pharmingen, CA	560482
anti-Sox2	R&D systems, MN	MAB2018
anti-Flag	Sigma-Aldrich, MO	F3165
anti-EpCAM(FITC)	Stem Cell Technology Inc, Canada	10109
goat anti-Rabbit secondary antibody (Alexa 647)	Invitrogen, CA	A-21244
anti-TRA-1-60	Abcam, United Kindom	ab16288
anti-TRA-1-81	Abcam, United Kindom	ab16289
anti-Flag	Sigma-Aldrich, MO	F3165
anti-Stat3	Cell signaling, MA	4900
anti-p-Stat3	Cell signaling, MA	9145S
anti-Jnk	Santa Cruz Biotechnology Inc, CA	SC-6254
anti-Jak2	Santa Cruz Biotechnology Inc, CA	SC-16566
for immunohistochemistry		
anti-CD73	Novus Bio, CA	NBP1-4749
anti-CD90	Abcam, United Kindom	ab92574
anti-EpCAM	Abcam, United Kindom	ab124825
anti-Sox2	Cell signaling, MA	3579S
anti-Oct3/4	Epitomics, CA	AC-0128
anti-Nanog	Cell signaling, MA	4903s
TAQMAN PROBES AND PCR REAGENTS		
CD73 Taqman probe	Applied Biosystems, CA	HS00159686
Oct3/4 Taqman probe	Applied Biosystems, CA	HS00999632
Nanog Taqman probe	Applied Biosystems, CA	HS02387400
Sox2 Taqman probe	Applied Biosystems, CA	HS01053049
AdoRa 2b Taqman probe	Applied Biosystems, CA	HS00386497
AdoRa 2a Taqman probe	Applied Biosystems, CA	HS00169123
AdoRa 1 Taqman probe	Applied Biosystems, CA	HS00379752
AdoRa 3 Taqman probe	Applied Biosystems, CA	HS00252933
FABP4 Taqman probe	Applied Biosystems, CA	HS01086177
PPARγ Taqman probe	Applied Biosystems, CA	HS011155112
glucuronidase B Taqman probe	Integrated DNA Technologies Inc, IA	custom
2x SsoFast master mix	Bio-Rad Laboratories, CA	172-5233
IL6 Taqman probe	Applied Biosystems, CA	HS00985639
KITS		
Transcription factor buffer set	eBioscience, CA	00-5523
Adipogenesis Differentiation Kit	GiBCO, CA	A10070-10
Osteogenesis Differentiation Kit	GiBCO, CA	A10072-01
IL6 Duo-Set ELISA kits	R&D systems, MN	DY206
Power-Stain™ 1.0 double stain kit I	Genemed Biotechnologies Inc, CA	52-0023