

Extended Data Table 6 | Antibodies used in this study

Extended Data Table 6.1 | Primary antibodies used for immunostaining

Primary Antibodies	Company	Catalog Number	Dilution
BRACHYURY	R&D Systems	AF2085	1:100
COL1	Southern Biotech	1310-01	1:200
COL2	Southern Biotech	1320-01	1:200
FOXC2	DSHB	1B6	1:10
HNA	Merck	MAB1281	1:50
MESP2	DSHB	1D4	1:10
MYH	Abcam	ab91506	1:2000
MYOSIN	DSHB	MF20-s	1:20
PAX7	DSHB	PAX7-s	1:10
SAA	Abcam	ab9465	1:1000
TBX6	R&D Systems	AF4744	1:100
TCF15	Abcam	ab204045	1:50

Extended Data Table 6.2 | Secondary antibodies used for immunostaining

Secondary Antibodies	Company	Catalog Number	Dilution
Alexa Fluor® 488 Donkey Anti-Rabbit IgG (H+L)	Invitrogen	A-21206	1:500
Alexa Fluor® 488 Goat Anti-Mouse IgG (H+L)	Invitrogen	A-10680	1:500
Alexa Fluor® 555 Donkey Anti-Goat IgG H&L	Abcam	ab150130	1:500
Alexa Fluor® 555 Goat Anti-Mouse IgG (H+L)	Invitrogen	A-21422	1:500
Alexa Fluor® 647 Donkey Anti-Mouse IgG (H+L)	Invitrogen	A-31571	1:500
Donkey Anti-Rabbit IgG Cy3	Merck	AP182C	1:500

Extended Data Table 6.3 | Antibodies used for flow cytometric analysis

Antibodies	Company	Catalog Number	Dilution	Application
DLL1-APC	R&D Systems	FAB1818A	1:200	Primary antibody
TBX6	R&D Systems	AF4744	1:25	Primary antibody
BRACHYURY-PE	R&D Systems	IC2085P	1:50	Primary antibody
OCT3/4- Alexa Fluor® 647	BD Biosciences	560329	1:25	Primary antibody
NANOG-FITC	BD Biosciences	560791	1:25	Primary antibody
PAX6-FITC	BD Biosciences	561664	1:25	Primary antibody
SOX2-BV421	BioLegend	656114	1:50	Primary antibody
BRACHYURY-PE	R&D Systems	IC2085P	1:50	Primary antibody
NCAM-BV421	BioLegend	318328	1:25	Primary antibody
SOX17-Alexa Fluor® 647	BD Biosciences	561589	1:25	Primary antibody
FOXA2-PE	BD Biosciences	562594	1:50	Primary antibody
Alexa Fluor® 488 Anti-Goat IgG	Abcam	Ab150129	1:50	Secondary antibody for TBX6

APC-conjugated Mouse IgG2b, κ	BD Biosciences	555745	1:200	Isotype control for DLL1-APC
Unconjugated Goat IgG	R&D Systems	AB108C	1:25	Isotype control for TBX6
PE-conjugated Goat IgG	R&D Systems	IC108P	1:50	Isotype control for BRACHYURY-PE