

**Table S2.** List of antibodies.

	<b>Antibody</b>	<b>Dilution</b>	<b>Company Cat # and RRID</b>
Pluripotency markers	Mouse anti-OCT4	1:100	Santa Cruz Cat# SC-5279, RRID: AB_628051
	Rabbit anti-NANOG	1:100	Santa Cruz Cat# SC-33759, RRID: AB_2150401
Differentiation Markers	Mouse anti- $\beta$ 3 tubulin (ectodermal)	1:100	Santa Cruz Cat# sc-51670, RRID: AB_630408
	Mouse anti-SMA (mesodermal)	1:100	Santa Cruz Cat# sc-53142, RRID: AB_2273670
	Goat anti-AFP (endodermal)	1:100	Santa Cruz Cat# sc-8108, RRID: AB_633815
	Mouse anti-E Cadherin	1:250	Abcam Cat#ab1416, RRID: AB_300946
	Mouse anti-E Cadherin	1:250	Vector Laboratories Cat# FL-1321-2 RRID: AB_2336559
	Lotus Tetragonolobus Lectin (LTL), FITC-conjugated Anti-nephrin Antibody	1:100	R&D systems Cat# AF-4269
Secondary antibodies	Alexa Flour 594 goat anti-mouse IgG (H+L)	1:1000	Thermo Fisher Scientific Cat# A11005, RRID: AB_2534073
	Alexa Flour 488 goat anti-rabbit IgG (H+L)	1:1000	Thermo Fisher Scientific Cat# A11008, RRID: AB_143165
	Alexa Flour 488 goat anti-mouse IgG (H+L)	1:1000	Thermo Fisher Scientific Cat# A11001, RRID: AB_2534069
	Alexa Flour 488 goat anti-mouse IgG (H+L)	1:1000	Thermo Fisher Scientific Cat# A11058, RRID: AB_2534105
	Alexa Flour 594 donkey anti-Goat IgG (H+L)	1:1000	Thermo Fisher Scientific Cat# A21448, RRID: AB_10374882
	Alexa Flour 647 donkey Anti-Sheep IgG (H&L)		