

SUPPLEMENTARY TABLE S1. SUMMARY
OF CELL CULTURE MEDIA

	<i>ESM</i>	<i>SFEGM</i>	<i>DM-S</i>	<i>DM-SF</i>
Basic medium	DMEM/F12	EBM-2	IMDM	IMDM
FBS			15%	
KSR	20%	15%		15%
BIT-9500				
L-Glutamine	2 mM		2 mM	2 mM
NEAA	0.1 mM		0.1 mM	0.1 mM
P/S	1×	1×	1×	1×
2-ME	0.1 mM			0.1 mM
1-Thioglycerol			0.45 mM	
FGF-2		5 ng/mL		
VEGF		10 ng/mL		
EGF		5 ng/mL		
IGF-1		10 ng/mL		
Heparin		1 U/mL		
Hydrocortisone		1 µg/mL		
Ascorbic Acid		20 µg/mL		

DM-S, serum-containing differentiation medium; DM-SF, serum-free differentiation medium; EBM-2, endothelial basal medium 2; EGF, epidermal growth factor; ESM, ESC culture medium; FBS, fetal bovine serum; IGF-1, Insulin-like growth factor 1; IMDM, Iscove's modified Dulbecco's medium; FGF-2, fibroblast growth factor 2; KSR, knockout serum replacement; NEAA, non-essential amino acids; SFEGM, serum-free endothelial cell growth medium; VEGF, vascular endothelial growth factor.