

Supplementary information, Table S1 Signal inhibitors used for the maintenance of hPSC-derived

CVPCs

Inhibitor name	Targeted pathway	Company	Working concentration
SU5402	FGF	Merck	1.0 μ M
dorsomorphin	BMP	Sigma	2.0 μ M
LY411575	Notch	Stemgent	5.0 nM
SHH Antagonist	Hedgehog	Stemgent	0.3 μ M
VEGFR Inhibitor IV	VEGF	Merck	0.1 μ M
PDGFR Inhibitor V	PDGF	Merck	20 nM
PD0325901	MEK	Stemgent	0.4 μ M
LE135	RA	Axon	1.0 μ M
A83-01	Activin/Nodal	Stemgent	0.5 μ M
CHIR99021	GSK3	Stemgent	3.0 μ M