Supplemental Table S1: Media composition by culture period

Media	Induced Pluripotent Stem cells	Anterior Primitive Streak	Definitive Endoderm	Anterior Foregut Endoderm	Lung Progenitor	Lung Airway Epithelium
Days	Day 0	Day 1	Day 2-3	Day 4-8	Day 9-10	Day 11-42+
Basal media	Essential 8 Medium Penicillin-Streptomycin (10,000 U/mL) 1%	RPMI 1640 1x B27 supplement (50x), minus vitamin A Penicillin-Streptomycin (10,000 U/mL) 1%	RPMI 1640 1x B27 supplement (50x), minus vitamin A Penicillin-Streptomycin (10,000 U/mL) 1%	RPMI 1640 1x B27 supplement (50x), minus vitamin A Penicillin-Streptomycin (10,000 U/mL) 1%	PneumaCult-Ex Plus Medium* Penicillin-Streptomycin (10,000 U/mL) 1%	PneumaCult-ALI Medium** Penicillin-Streptomycin (10,000 U/mL) 1%
Add the day of use	+ 10µM Y-27632	+ 10µM Y-27632 + Activin A 100ng/ml + CHIR99021 3µM	+ 10µM Y-27632 + Activin A 100ng/ml + LDN-193189 250nM	No cytokines	No cytokines	10 µM DAPT from day 28 to day 42