

Table S1. Influence of genetic variants on ventilation type according to age.

	<65 years (0)							>65 years (1)						
	No oxygenation	Cannula	Reservoir	CPAP	Intubation	Ventilator	No oxygenation vs. Cannula/Ventilator vs. NIV/Intubation/Reservoir	No oxygenation	Cannula	Reservoir	CPAP	Intubation	Ventilator	No oxygenation vs. Cannula/Ventilator vs. NIV/Intubation/Reservoir
IL-6 597 GA/AA		0.048												
IL-6 597 AA						0.046								
IL-28 275 GA/AA								0.046					0.038	
IL-28 275 AA	0.030	0.048												
HAMP 582 GA/AA	0.006						0.010							
HIF-1 438 AA										<				
AKR1 CC											0.017			0.039
ACE 2350 AG/GG			0.018					0.029						0.034
IL-10 3575 AA			0.009										0.012	
MBL2 CG/GG					0.008									
NT5C2 153 TC/CC								0.011						0.039
NT5C2 CC				0.042										
NRP1 TC/CC														
IL-28 860 CC	0.023													
IL-28 917 GG	0.003						0.011			0.003				
PXR 63396 TT					0.036									
CAR 540 CT/TT					0.035									
CYP24A1 3999 TC/CC	0.047		0.019								0.004			
CYP24A1 3999 CC								0.046						
CYP24A1 8620 GG								0.026						
CYP24A1 8620 AG/GG	0.048										0.009			

CYP27A1 345 GG									0.009					0.039
CYP27A1 345 AG/GG					0.022									
CYP 2C8 681 CT/TT										0.011				
CYP27B1+28 38 TT				0.03 2										
VEGF 2578 CC									0.009					
VEGF 2578 AC/CC													0.006	
VDR ApaI AA								0.026		0.026				
VDR TaqI CC										0.003				
VCAM1 TC/CC					0.036					0.026				
MAU 2 GG			0.018											
RAF 931 CC			0.018					0.003						0.011
ERK 966 CC								0.026						

Table S2. Participant type of ventilation according to genetics and gender.

[illegible]