

Supp File 1

Patient demographics and medical condition

Sample	Age	Race	Gender	Medical Condition
Control	40	White	M	none
Control	31	Asian	M	none
Control	30	Asian	M	none
Control	30	White	F	none
Control	39	White	F	none
Control	25	White	M	none
COVID-19	57	Black	F	COVID-19+Sepsis
COVID-19	63	Black	M	COVID-19+Sepsis
COVID-19	68	Black	M	COVID-19
COVID-19	54	Black	M	COVID-19+ARDS+Sepsis
COVID-19	71	Black	M	COVID-19+ARDS+Sepsis
COVID-19	65	Black	M	COVID-19+ARDS+Sepsis

WBC, RBC and platelet count of 6 COVID-19 sample used for ChIP-seq and RNA-seq

	WBC x10 ³ /ul	Neutrophil (%) x10 ³ /ul	Lymphocyte(%) x10 ³ /ul	Monocyte(%) x10 ³ /ul	Eosinophil(%) x10 ³ /ul	Basophil(%) x10 ³ /ul	RBC x10 ⁶ /ul	Platelet x10 ³ /ul
Normal Range *	4.5-11.0	1.8-7.0 (40%-80%)	1.0-4.8 (25%-35%)	0.1-0.8 (2%-10%)	<0.4 (0%-5%)	<0.2 (0%-1%)	4.0-5.5	150-350
Patient								
1	24.8	19.72 (79.5%)	2.76 (11.1%)	1.89 (7.6%)	0.02 (0.1%)	0.06 (0.2%)	3.70	431
2	27.4	21.38 (78.1%)	2.05 (7.5%)	2.49 (9.1%)	0.00 (0.0%)	0.07 (0/3%)	4.51	224
3	17.3	15.14 (87.3%)	1.42 (8.2%)	0.33 (1.9%)	0.19 (1.1%)	0.01 (0.1%)	3.59	109
4	8.4	7.13 (84.7%)	0.78 (9.3%)	0.45 (5.3%)	0.00 (0.0%)	0.01(0.1%)	5.10	185
5	15.5	12.89 (83.2%)	0.56 (3.6%)	1.76 (11.3%)	0.02 (0.1%)	0.02(0.1%)	3.81	277
6	13.3	9.10 (68.3%)	2.37 (17.8%)	1.36 (10.2%)	0.00 (0.0%)	0.03 (0.2%)	4.36	306

*McKenzie, S.B. and Williams, J.L. Clinical Laboratory Hematology, 2nd edition. 2010