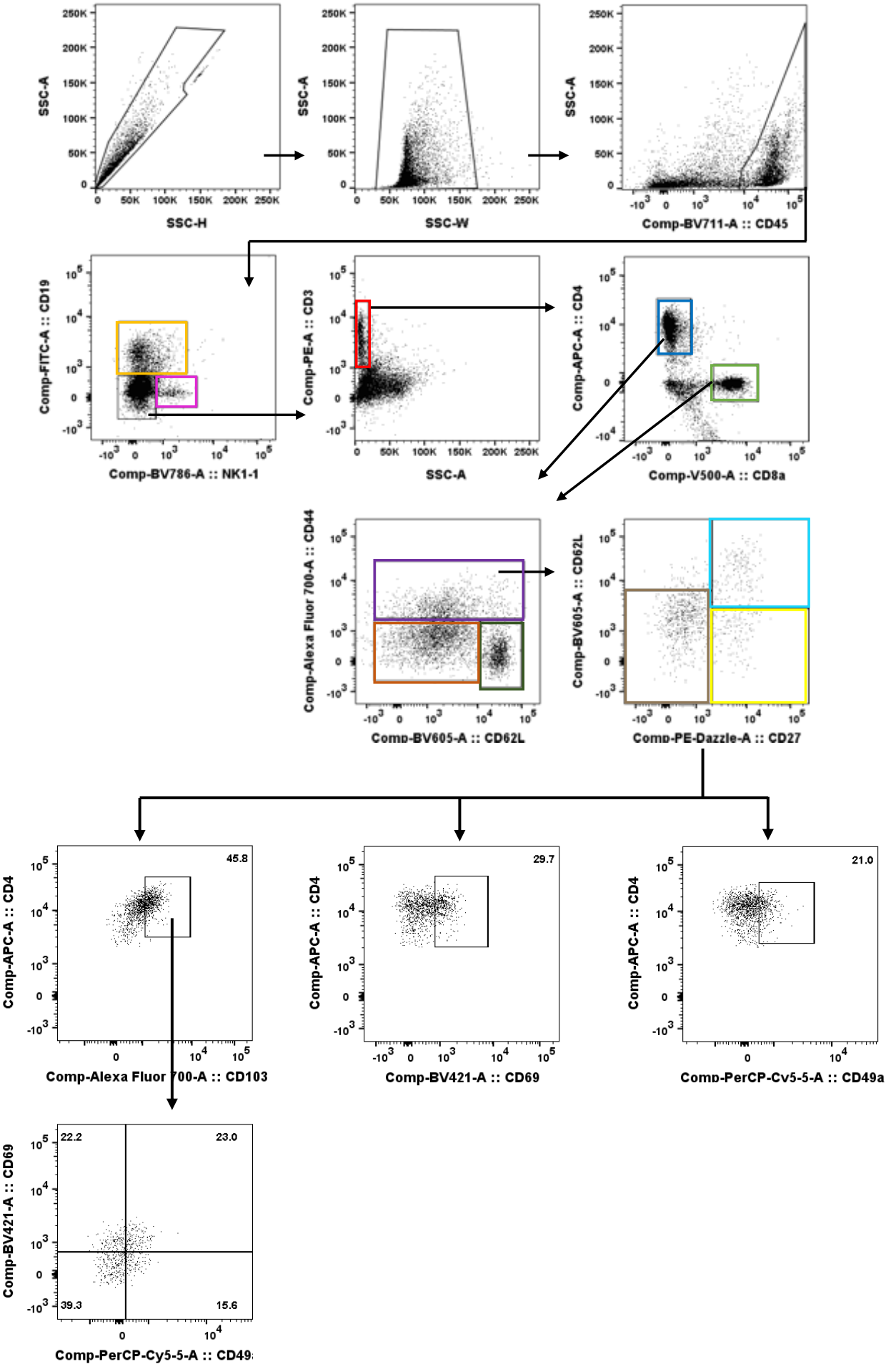
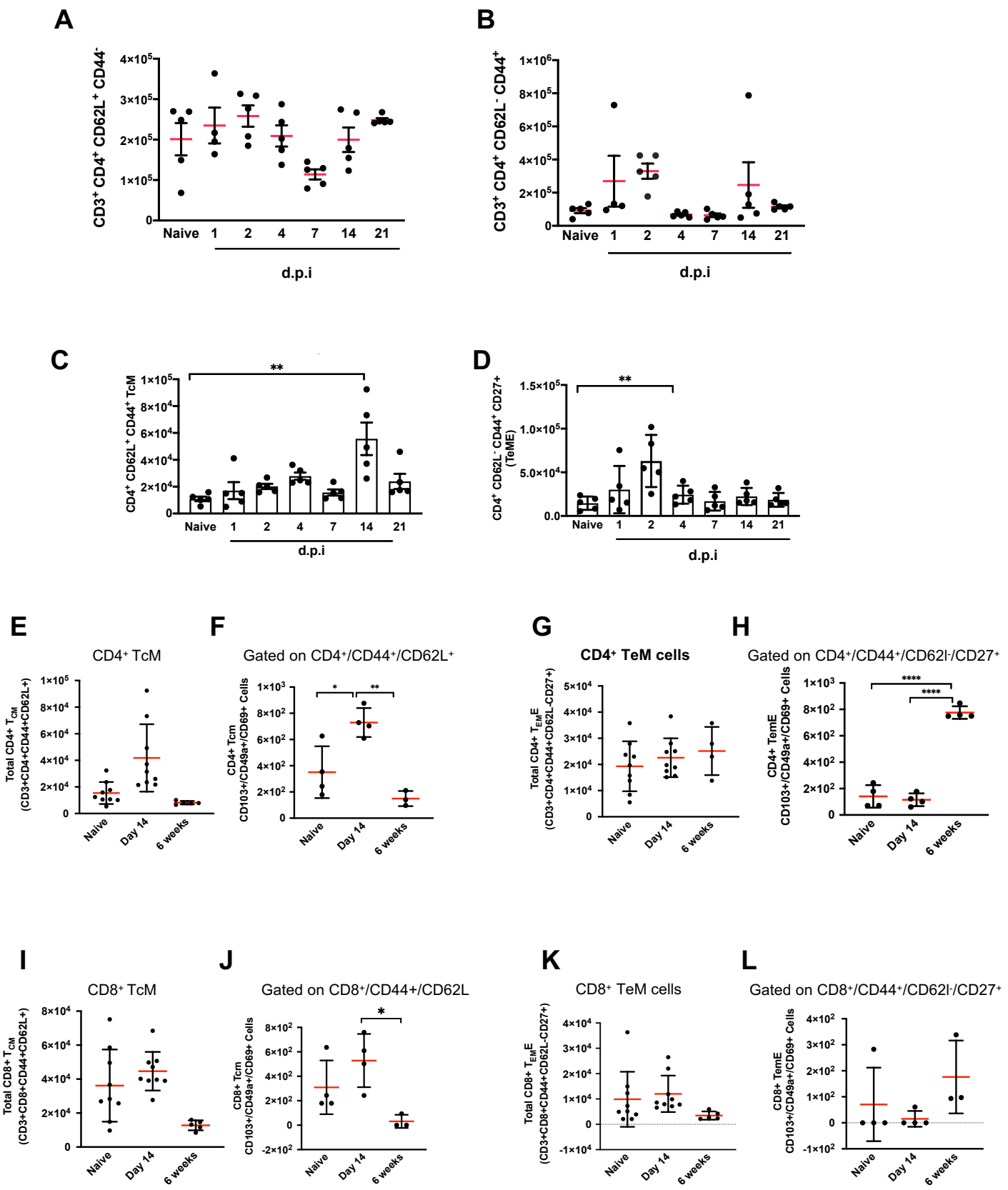


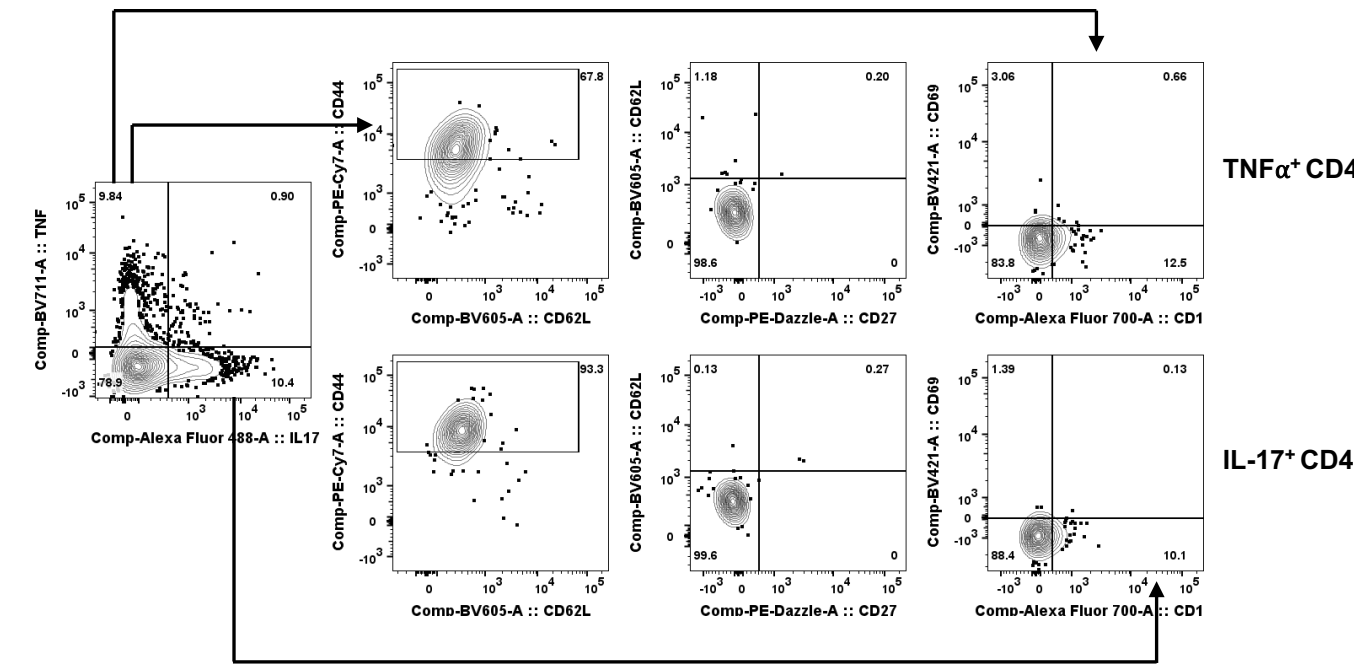
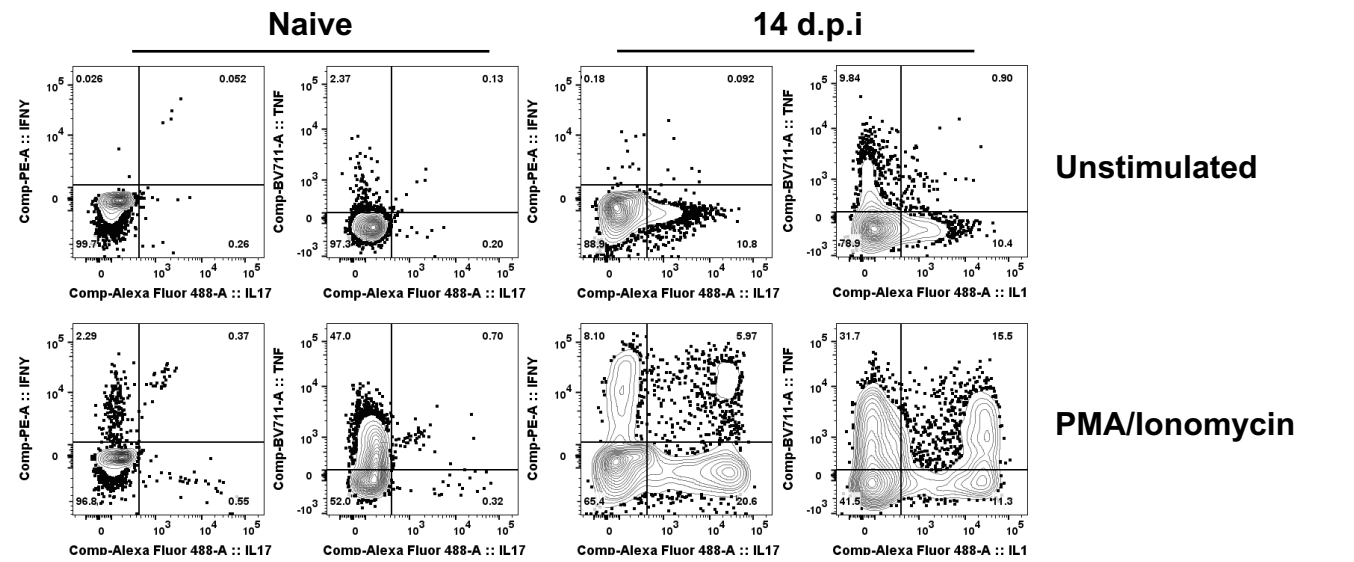
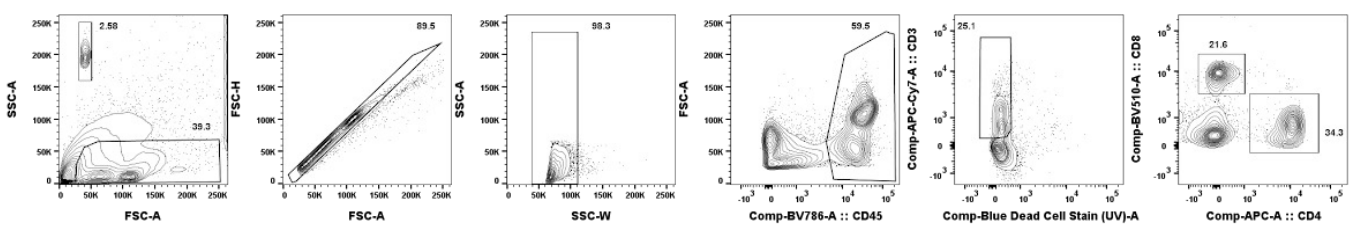
Supplementary Figure 1



Supplementary Figure 2

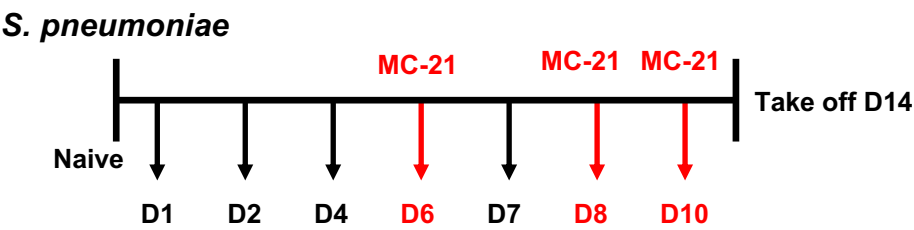


Supplementary Figure 2 (continued)



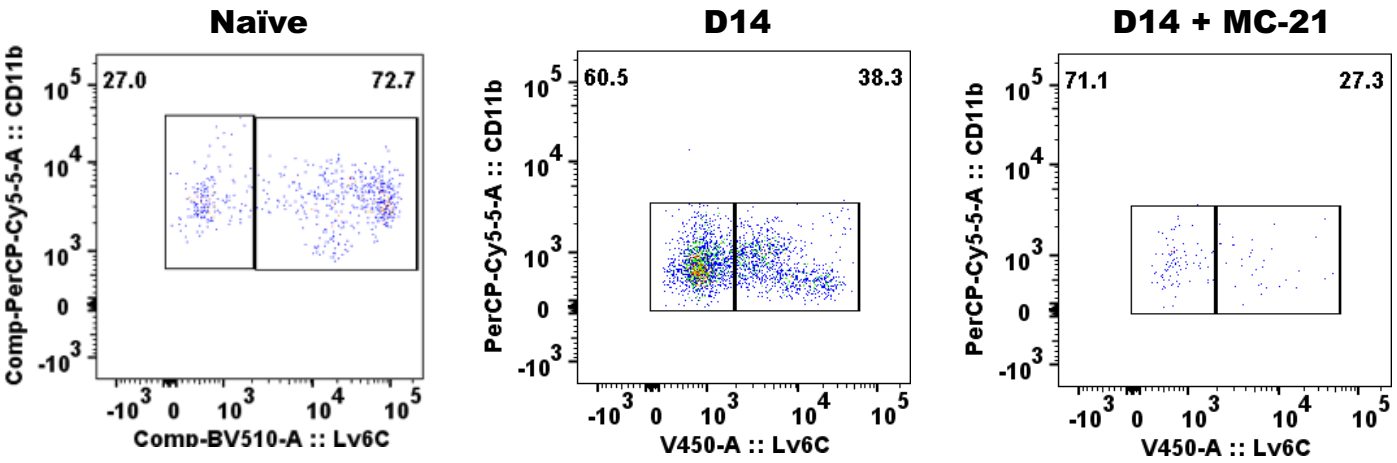
Supplementary Figure 3

A

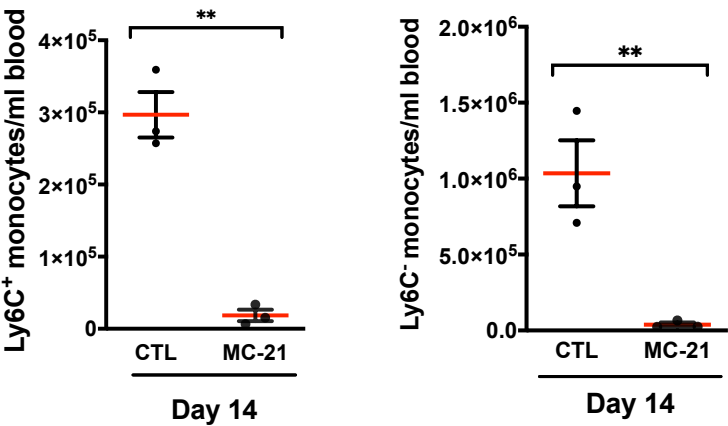


B

Blood monocytes



C



Supplementary Figure 4a

Timepoint	PGD1	PGE1	6-keto PGF1a	PGF1a	PGD2	PGE2	15-keto PGE2	PGF2a	8-iso PGF2a	TXB2	13,14 dihydro 15- keto PGE2	PGE3
Naive	69.17	594.45	11163.96	76.54	832.51	9204.34	477.18	1174.16	99.72	1457.16	4370.08	38.62
Naive	121.19	568.64	11410.32	111.6	1198.13	9132.66	137.76	1231.79	120.41	812.82	913.03	42.21
Naive	215.95	1015.99	27700.03	228.43	2557.48	17094.36	1101.61	2753.33	282.16	3115.56	6637.04	85.27
Naive	143.1	312.31	10954.18	99.92	1908.25	5597.22	94.14	1213.59	116.49	1154.34	514.91	9.54
Naive	268.78	1538.56	26128.92	204.14	3015.8	24878.56	437.14	2702.06	261.11	1962.42	1243.21	154.57
24h	102.38	715.31	13543.56	97.62	1128.46	12481.24	262.98	1350.66	126.39	1050.54	866.62	94.23
24h	153.08	883.36	12652.8	96.08	1650	14112.37	169.3	1132.27	118.68	1112.37	838.88	108.61
24h	93.3	933.03	12182.3	73.6	1182.31	17614.52	52.47	1105.63	112.77	772.06	1367.25	95.91
24h	276.61	1994.35	19492.81	173.1	3080.82	32854.42	139.43	2473.73	221.48	1740.44	1229.88	371.38
24h	79.76	685.71	7476.72	61.55	892.65	12760.74	182.74	838.52	74.73	617.69	1150.36	109.69
48h	312.61	2050.58	27769.86	204.63	4326.67	40466.64	728.25	3284.04	315.45	2919.73	1755.31	278.98
48h	169.85	1122.88	22382.58	111.24	2307.37	22315.98	141.67	1640.93	173.35	1638.43	903.39	136.68
48h	313.67	1690.43	26009.44	185.66	3653.43	32344.55	528.3	2558.11	253.65	2181.18	1432.04	253.95
48h	70.41	394.84	8454.73	66.6	979.97	8067.5	88.17	946.36	82.77	741.8	461.76	29.18
48h	223.38	988.41	19624.38	161.5	2656.1	17139.49	369.33	2021.49	187.86	1187.92	1288.37	122.93
Day 4	62.23	453.86	12088.46	59.3	989.51	9076.61	47.24	866.02	74.61	1282.42	257.4	26.07
Day 4	276.63	1203.88	22357.32	147.15	3390.21	20036.11	255.71	2039.17	208.46	1537.85	662.89	85.48
Day 4	122.46	427.54	8976.61	74.84	1892.43	10049.77	190.85	1018.37	99.9	906.29	625.56	28.29
Day 4	298.43	2068.21	16356.24	126.14	4211.57	37164.97	442.45	1941.11	188.24	2512.35	1798.54	345.79
Day 4	285.57	1447.1	22842.62	166.27	3753.25	28434.21	177.07	2331.98	251.75	2349.36	1184.07	130.1
Day 7	446.54	1980.74	37443.75	240.31	5833.14	37372.61	722.42	3593.55	378.39	2601.24	2376.47	161.1
Day 7	189.5	1363.51	21166.18	180.94	2169.02	21564.52	294.47	2378.69	217.4	1989.74	731.2	229
Day 7	862.7	2068.57	36649.58	353.21	10570.94	31971.27	1318.33	4299.49	455.63	2017.62	1168.39	232.04
Day 7	195.48	1308.21	14298.95	91.38	2511.4	24165.7	274.37	1235.8	145.74	1402.6	1603.17	162.4
Day 7	22.85	276.41	3151.72	20.59	451.39	6682.27	19.33	290.72	20.59	557.84	369.05	36.15
Day 14	222.93	986.37	29556.72	258.55	2878.64	18433.62	239.42	3273.38	290.86	2024.84	1860.28	62.99
Day 14	371.74	2326.53	33099.75	257.5	4295.53	39012.19	507.44	3396.11	330.03	2413.27	956.85	318.85
Day 14	324.45	1965.92	39878.75	329.61	3402.51	30217.93	1099.94	4302.71	409.31	3888.71	7159	214.74
Day 14	233.5	1211.43	21266.64	144.66	2728.93	21421.26	511.17	1926.49	191.02	1277.69	867.49	188.35
Day 14	225.65	1370.15	20161.79	164.5	2436.18	21625.55	449.95	2041.96	211.31	1702.13	868.52	150.16
Day 21	201.82	409.3	12425.98	128.43	1978.54	6222.16	93.09	1261.42	145.64	864.58	595.26	27.63
Day 21	165.38	994.79	14556.65	134.58	1997.62	17430.57	429.27	1926.86	174.82	973.14	1990.69	78.25
Day 21	100.84	372.83	8056.26	84.91	1109.19	6303.57	88.23	869.05	85.58	1072.04	301.18	13.93
Day 21	74.12	187.97	5229	52.13	836.7	3386.24	37.76	612.94	69.89	370.02	251.66	6.2
Day 21	24.91	187.54	3405.08	34.87	386.51	3147.8	29.01	408.79	31.06	238.24	268.13	6.15

Supplementary Figure 4b

Timepoint	9 OxoODE	13 OxoODE	9 HOTrE	13 HOTrE	9 HODE	13 HODE	9(10) EpOME	12(13) EpOME	Trans EKODE	9,10 DIHOME	12,13 DIHOME	5 HEPE	11 HEPE
Naive	356.04	4707.51	42.84	351.12	2932.93	3726.82	676.97	1457.51	174.51	99.72	213.48	185.39	31.25
Naive	348.8	4566.2	52.05	613.95	3884.4	5029.71	536.01	1004.44	248.84	128.69	275.52	1388.45	44.28
Naive	468.65	6901.87	80.42	1524.16	8110.59	9098.85	482.86	1515.15	227.39	162.92	255.82	335.54	52
Naive	341.93	5058.71	69.04	360.26	3897.09	4745.4	628.39	1191.25	309.05	177.49	300.26	451.89	39.67
Naive	378.89	5166.51	62.34	217.17	7626.11	6681.05	541.38	1060.28	257.28	154.83	292.02	347.98	113.18
24h	368.07	5762.35	37.6	219.71	4668.09	5270.15	623.12	1381.47	214.96	106.69	217.22	434.67	75.88
24h	465.88	6318.41	28.01	122.37	4636.71	4539.41	585.06	1130.31	334.91	125.32	278.89	2057.4	65.61
24h	164.53	2095.16	11.87	100.66	2997.32	2981.65	471.26	878.42	190.64	116.57	258.3	751.17	36.8
24h	287.58	3390.1	36.66	193.8	8044.25	7036.85	404.06	860.74	185.82	131.44	171.1	444.21	111.49
24h	266.33	4235.94	34.97	106.82	4060.14	3799.55	288.61	526.92	126.7	104.43	201.19	508.48	49.58
48h	561.15	6358.13	75.06	371.74	10797.74	9318.58	809.68	1458.63	367.14	239.68	339.17	241.45	95.94
48h	225.23	3420.53	29.43	554.46	5107.59	5177.68	309.28	835.3	173.1	134.44	193.55	909.38	87.05
48h	509.08	8444.74	75.98	409.45	8282.14	9021.22	2136.54	4117.27	441.97	142.2	213.45	350.32	138.95
48h	228.98	3538.37	20.93	171.26	1930.77	2497.19	436.07	938.43	210.27	110.37	179.5	182.67	19.66
48h	316.06	5360.48	34.96	427.33	5828.87	6040.04	294.69	618.52	146.51	107.11	181.48	616.3	75.48
Day 4	175.29	3026.51	4.56	276.62	2042.55	2547.89	605.37	1062.16	185.72	96.12	289.98	154.44	27.04
Day 4	473.55	6788.71	62.39	383.38	6495.13	6619.56	468.5	1037.62	289.61	170.95	492.66	135.97	77.18
Day 4	400.33	4376.05	34.73	768.07	3183.66	5222.54	246.71	739.79	146.45	87.37	414.65	733.34	47.98
Day 4	256.87	4124.34	30.69	365.12	6606.72	7073.09	355.94	859.04	173.98	115.26	486.42	402.09	119.85
Day 4	374.81	6222.38	30.53	420.37	5975.32	6111.06	486.12	1115.03	272.89	120.71	214.65	477.2	83.6
Day 7	367.63	7061.28	61.57	1374	10557.69	10881.39	323.1	770.84	204.44	155.12	292.02	1087.66	138.68
Day 7	282.59	4036.39	20.44	182.04	5597.13	5576.97	608	1178.43	243.37	90.33	170.99	159.39	102.76
Day 7	627.75	8675.81	122.22	378.55	12642.42	12082.25	1036.66	2357.11	331.83	176.6	324.17	437.95	172.65
Day 7	254.01	4623.04	43.95	610.73	5373.27	6454.54	278.3	477.48	137.41	136.03	216.99	522.59	66.63
Day 7	207.12	3178.33	7.28	76.82	1456.86	2013.44	1166.89	2742.75	296.24	86.86	215.91	171.72	16.57
Day 14	272.4	3380.56	22.1	438.93	5281.07	4792.34	188.63	394.74	157.63	185.01	347.92	410.9	44.52
Day 14	383.52	5670.05	48.05	424.02	10269.02	9253.54	363.58	718.39	230.3	123.61	216.09	300.41	130.86
Day 14	423.85	6854.24	40.32	366.65	8455.39	7042.25	564.97	1258.88	255.53	118.15	221.3	462.29	160.82
Day 14	459.47	6871.48	41.99	502.44	6973.91	7639.46	398.31	821.86	211.9	134.47	237.87	548.07	79.86
Day 14	310.88	3543.07	18.4	378.79	5662.14	6098.02	372.84	701.31	153.95	105.79	175.06	264.61	84.96
Day 21	356.3	5214.88	102.61	1263.23	4116.55	6409.26	495.6	941.59	295.82	137.94	268.18	1510.58	65.23
Day 21	253.07	4119	17.76	405.13	4802.73	5421.8	422.33	803.32	179.26	132.36	296.91	211.17	49.39
Day 21	337	5300.19	18.91	236.17	2765.36	3293.09	414.29	967.23	270	100.84	166.18	225.22	24.21
Day 21	236.72	4199.54	28.46	454	2155.85	3144.16	555.17	729.04	220.66	118.36	238.69	711.85	28.74
Day 21	184.32	3731.23	5.86	306.81	1844.08	2623.26	285.71	625.93	153.55	129.82	207.18	185.49	19.05

Timepoint	12 HEPE	15 HEPE	5-oxo-ETE	15-oxo-ETE	5 HETE	8 HETE	11 HETE	12 HETE	15 HETE	5(6) EET	8(9) EET	11(12) EET	14(15) EET
Naive	620.43	168.19	113.06	104.99	8991.56	721.91	2996.13	24437.83	2196.63	876.4	752.46	486.31	498.95
Naive	563.46	370.81	214.92	104.61	33940.17	1034.22	3419.08	23497	3068.21	435.28	410.68	339.47	215.7
Naive	1801.12	770.23	135.19	209.37	18004.97	2721.44	6998.58	73875.76	7844.37	577.15	454.44	226.01	256.16
Naive	569.64	203.1	129.04	100.67	15989.8	765.46	3410.3	18988.63	2190.44	467.71	297.75	351.47	198.08
Naive	333.16	202.6	111.9	100.92	11920.63	616.5	7615.38	13279.84	3785.08	535.51	323.96	335.97	292.54
24h	901.95	118.69	87.88	101.93	12612.62	441.92	3815.97	15580.55	2083.87	821.09	471.36	469.1	332.06
24h	534.68	56.27	241.79	72.98	43689.29	304.45	3566.12	8038.2	1590.78	508.88	385.53	341.06	285.77
24h	149.81	97.81	223.4	75.02	24684.16	298.9	3459.09	7199.03	1795.54	511.38	358.02	410.25	373.92
24h	426.51	141.42	103.76	80.06	18121.01	417.28	6351.2	11771.81	3431.5	373.63	367.39	284.59	243.43
24h	360.94	43.35	80	65.86	15249.47	317.59	2638.66	8659.65	1492.61	309.2	188.49	212.2	195.2
48h	554.77	206.05	84.26	163.56	14897.47	598.67	9155.37	16747.31	4331.63	824.2	596.9	542.03	610
48h	408.05	494.35	191.8	94.28	27798.45	1052.8	5499.93	24447.76	3978.23	172.1	184.82	199.78	119.97
48h	1129.32	237.39	199.26	223.2	11891.52	733.46	8833.2	27274.45	4162.8	2283.76	1602.03	1582.22	1440.91
48h	153.18	154.13	50.11	64.38	5934.39	464.93	2327.2	11999.44	1828.33	287.97	233.1	261.33	199.8
48h	450.08	354.35	124.04	125.15	23083.24	886.85	5701.79	19135.17	3307.91	292.47	138.74	193.69	126.53
Day 4	516.75	104.26	103.28	71.03	8946.28	403.04	2974.06	15126.06	1683.82	718.43	454.19	423.89	360.35
Day 4	270.13	143.9	97.02	93.05	9998.58	588.6	5950.17	11247.19	2697.38	446.14	377.97	291.05	391.68
Day 4	726.54	629.86	98.47	107.78	23002.1	1544.38	3591.15	38527.2	4332.36	283.24	275.72	175.82	200.16
Day 4	1284.08	377.93	175.43	115.5	13730.32	705.35	6758.23	32451.51	4471.1	422.87	233.18	349.66	284.41
Day 4	616.23	382.32	142.78	114.13	16185.32	824.3	6752.18	22663.67	3857.05	662.25	252.22	274.3	262.08
Day 7	1113.96	774.42	155.72	209.52	43075.73	2415.93	11701.84	55571.73	8579.04	342.23	147.35	168.28	181.73
Day 7	704.68	93.64	150.55	106.63	6563.69	426.51	6007.07	18788.6	3071.21	688.11	499.16	554.41	421.82
Day 7	328.66	333.41	105.33	278.77	16023.52	590	13678.29	13281.79	5247.19	1285.86	716.98	701.14	729.39
Day 7	567.93	363.43	182.76	83.98	15517.63	602.4	4966.58	21317.71	3911.22	371.76	243.83	211.9	197.33
Day 7	409.72	81.59	133.81	133.31	6192.47	328.38	1388.32	10108.64	966.55	942.7	820.94	1034.09	954.75
Day 14	587.34	303.4	110.48	105.53	19494.85	1226.45	7255.12	28665.65	4200.39	207.1	151.37	126.96	143.45
Day 14	459.99	408.61	56.82	103.66	11381.82	677.89	9608.36	18990.95	5113.96	307.06	283.19	268.38	140.53
Day 14	735.64	395.72	202.55	188.01	23056.11	1369.54	11379.66	34900.88	6796.57	838.79	701.88	528.4	375.56
Day 14	809.97	549.04	109.47	127.67	13748.55	1083.51	5882.14	24905.54	3763.42	446.12	333.5	273.55	260.68
Day 14	625.01	255.69	106.33	114.99	7248.47	705.64	5856.14	22343.37	3514.93	428.04	276.79	220.24	183.17
Day 21	1740.48	1231.97	203.4	155.84	42759.86	2587.62	4291.18	55078.02	5727.24	378.27	291.52	307.14	223.56
Day 21	250.29	282.48	173.71	104.06	8611.23	760.31	4656.22	17442.23	3261.29	446.75	283.31	335.76	309.12
Day 21	392.4	200.01	83.26	67.67	9735.31	619.61	2358.03	15109.13	1894.65	265.03	289.9	240.48	286.25
Day 21	443.57	400.45	141.75	89.9	24205.84	1104.42	1967.04	23006.46	2356.22	426.38	466.68	338.45	298.16
Day 21	298.02	252.6	23.44	33.99	4271	565.27	1171.56	13660.18	1371.7	179.05	113.41	101.98	135.09

Supplementary Figure 4c

Timepoint	5-HETrE	15 HETrE	LTB4	11,12 DHET	14,15 DHET	7 HDHA	10 HDHA	13 HDHA	14 HDHA	20 HDHA	10(11) EpDPE	13(14) EpDPE	16,17 DiHDPA	19,20 DiHDPA
Naive	32.3	994.03	268.96	27.04	24.58	187.15	211.73	178.02	5754.21	116.22	121.84	122.54	18.26	151.33
Naive	113.42	1353.24	1421.6	24.34	21.75	756.89	314.87	260.76	7632.6	159.77	88.56	132.58	53.6	247.29
Naive	58.23	3258.38	937.65	30.5	38.13	293.25	659.3	594.13	18700.67	123.06	65.86	110.58	158.41	253.04
Naive	62.51	828.73	629.14	26.61	29.62	265.11	214.9	180.76	4450.16	159.67	91.38	137.33	35.4	265.36
Naive	37.05	1292.52	427.18	28.36	34.49	174.75	148.44	547.26	3768.73	93	72.56	126.72	23.51	236.07
24h	45.07	730.71	481.33	32.16	19.25	283.13	161.5	361.28	3295	152.44	135.9	147.91	10.65	247.12
24h	225.57	636.17	2102.12	36.37	26.78	1116.05	130.72	327.3	2175.59	173.72	108.61	209.6	10.81	340.57
24h	162.63	576.2	1354.67	14.48	23.98	614.18	122.5	338.55	2631.71	101.37	108.97	178.53	16.38	262.58
24h	95.78	1157.55	796.64	29.18	28.18	302.54	127.95	600.35	3067.35	177.59	65.85	108	29.18	253.91
24h	60.84	529.55	721.4	23.47	15.33	271.12	94.13	252.92	2079.89	113.05	45.51	87.18	13.89	261.78
48h	54.17	1206.2	597.97	42.13	29.74	305.18	223.4	761.88	4622.29	305.89	152.24	231.19	11.68	346.25
48h	129.45	1094.2	1381.03	24.44	19.7	381.61	398.07	474.64	10404.25	111.74	55.37	97.52	88.79	226.72
48h	34.59	1393.02	471.24	28.38	19.22	271.09	229.41	521.2	5150.8	324.01	408.27	333.18	16.56	243.9
48h	17.76	607.33	215.97	20.3	15.86	80.87	134.47	137.64	3645.88	52.01	57.4	82.46	25.05	184.58
48h	85.74	1309.73	895.73	16.09	20.81	362.67	205.89	303.85	5851.91	130.7	35.52	80.19	52.44	222.54
Day 4	36.49	546.07	384.14	4.89	14.99	110.13	160.3	111.76	3521.76	100.03	91.55	114.36	16.29	188
Day 4	50.13	981	386.63	20.92	17.67	204.49	139.94	486.53	3553.22	240.92	67.8	173.48	12.98	303.32
Day 4	107.78	1571.95	903.43	11.82	14.32	359.87	423.25	269.63	11541.15	112.08	45.12	74.12	65.53	216.64
Day 4	83.85	1521.86	578.97	29	24.89	192.35	282.24	512.52	7726.97	102.46	68.38	112.61	49.29	250.34
Day 4	50.26	1541.5	476.73	16.44	15.5	248.46	264.43	325.49	6676.56	268.66	76.09	112.25	36.64	205.25
Day 7	227.16	3241.46	1938.3	23.01	35.87	887.7	837.49	981.85	21590.32	234.03	68.74	182.92	135.7	407.69
Day 7	29.83	1044.18	266.85	29.83	27.35	66.3	164.64	630.1	3694.68	241.16	117.95	133.7	19.34	232.59
Day 7	64.94	2257.85	548.03	45.14	36.17	334.73	164.2	1017.13	4465.8	359.02	232.31	303.58	26.66	285.37
Day 7	57.83	1395.89	543.41	16.19	17.35	270.43	230.87	342.61	6350.9	158	52.05	88.83	21.05	209.13
Day 7	21.09	285.7	289.71	16.57	14.31	165.69	116.99	145.61	2320.73	112.97	209.13	203.85	8.79	206.11
Day 14	66.95	1455.64	908.54	37.59	40.89	345.94	416.51	486.09	10439.13	207.76	29.35	201.16	60.35	494.01
Day 14	37.78	1698.51	396.22	29.92	42.92	160.78	232.41	820.54	6218.59	294.67	48.66	106.08	48.66	285.3
Day 14	79.71	2299.75	850.98	38.92	22.04	382.59	331.48	906.3	7666.77	243.34	106.43	158.01	57.2	200.67
Day 14	61.41	1426.72	581.81	33.25	21.12	305.83	270.39	556.81	6985.81	187.87	70.88	130.83	57.28	219.18
Day 14	32.47	1349.31	262.99	33.28	30.84	113.64	220.78	393.94	5750.08	138.26	57.36	94.43	37.61	223.76
Day 21	208.84	3016.17	2083.64	30.58	22.65	806.37	734.34	496.28	19579.99	173.96	101.25	135.9	168.97	274.07
Day 21	34.69	1184.87	386.54	23.86	31.36	159.55	239.75	461.46	6332.79	170.65	104.61	170.93	25.25	340.2
Day 21	34.16	777.17	477.98	21.23	17.25	216.93	188.74	190.39	4577.42	117.75	63.35	113.11	30.85	345.96
Day 21	80.6	1154.58	973.09	23.67	11.84	380.16	280.12	170.78	7278.04	57.77	74.96	114.13	56.64	172.19
Day 21	9.96	664.02	165.27	24.62	15.24	56.26	175.53	111.35	4932.68	77.07	23.74	70.04	46.59	209.81

Supplementary Figure 5

