

Gene_Name	CD56bright				CD56dim				CD56bright: Perfusate vs PBMC		CD56dim: Perfusate vs. PBMC		Liver: CD56bright vs.CD56 dim		PBMC: CD56bright vs. CD56dim	
	Perfusate 1	Perfusate 2	PBMC 1	PBMC 2	Perfusate 1	Perfusate 2	PBMC 1	PBMC 2	FoldChange	p-value	FoldChange	p-value	FoldChange	p-value	FoldChange	p-value
ABCB1	2366.81	2048.26	549.83	312.56	1195.95	1139.91	779.40	1037.33	-5.31	0.09	-1.30	0.31	-1.89	0.05	2.17	0.18
ABL1	329.19	344.24	174.00	104.19	181.30	142.49	157.17	130.09	-2.50	0.17	-1.13	0.53	-2.10	0.09	1.06	0.86
ADA	375.02	292.61	406.32	406.32	388.05	363.35	273.43	575.15	1.38	0.20	1.06	0.91	1.13	0.49	-1.15	0.78
AHR	533.37	533.58	1572.94	1958.68	152.67	284.98	167.94	376.59	3.29	0.06	1.21	0.75	-2.55	0.20	-6.96	0.11
AIRE	12.50	25.82	41.76	62.51	15.90	3.56	2.15	6.85	2.85	0.16	-1.96	0.55	-2.39	0.44	-13.27	0.11
APP	104.17	68.85	180.96	239.63	54.07	28.50	8.61	47.93	2.46	0.08	-1.93	0.58	-2.16	0.20	-10.27	0.22
ARHGDIB	4046.08	3803.91	2261.98	1364.83	3696.00	3672.64	3937.88	3697.40	-2.23	0.19	1.04	0.46	-1.06	0.29	2.17	0.20
ATG16L1	529.20	439.91	313.20	177.12	251.28	288.54	366.01	345.78	-2.04	0.22	1.32	0.12	-1.79	0.04	1.51	0.38
ATM	25.00	8.61	20.88	20.84	6.36	14.25	12.92	20.54	1.42	0.63	1.71	0.39	-1.54	0.59	-1.28	0.48
BATF	70.84	94.67	62.64	72.93	152.67	185.23	135.64	160.91	-1.21	0.39	-1.14	0.42	2.06	0.07	2.19	0.02
BATF3	4.17	51.64	13.92	10.42	6.36	3.56	2.15	17.12	1.22	0.90	1.27	0.85	-3.07	0.53	-1.99	0.63
BCL2	137.51	68.85	180.96	145.86	353.06	406.09	411.23	438.21	1.67	0.36	1.12	0.32	3.89	0.15	2.62	0.05
BCL3	433.36	490.55	473.27	718.88	454.84	659.01	729.88	804.53	1.27	0.45	1.40	0.31	1.19	0.52	1.31	0.41
BCL6	1437.59	1075.77	842.15	906.41	966.94	805.06	826.76	1064.71	-1.42	0.23	1.06	0.74	-1.41	0.21	1.07	0.67
BID	154.18	94.67	90.48	83.35	82.70	113.99	92.58	78.74	-1.39	0.40	-1.14	0.57	-1.25	0.54	-1.01	0.87
BLNK	4.17	8.61	6.96	10.42	12.72	10.69	17.22	6.85	1.42	0.51	-1.07	0.90	1.95	0.31	1.27	0.69
BST1	8.33	25.82	97.44	31.26	3.18	10.69	10.77	13.69	3.76	0.24	2.08	0.43	-2.51	0.38	-4.53	0.22
BST2	1412.58	1445.83	1023.11	1583.62	814.27	1033.04	781.55	1557.70	-1.13	0.69	1.21	0.69	-1.56	0.16	-1.16	0.76
BTK	4.17	8.61	69.60	104.19	28.63	39.18	12.92	30.81	14.22	0.04	-1.68	0.43	5.58	0.09	-4.26	0.14
C1QA	4.17	8.61	6.96	31.26	6.36	3.56	8.61	6.85	2.46	0.43	1.61	0.32	-1.26	0.67	-1.92	0.54
C1QB	4.17	25.82	20.88	10.42	25.45	39.18	27.99	17.12	1.42	0.77	-1.44	0.38	3.05	0.43	1.48	0.46
C1QBP	345.85	249.58	535.91	552.18	248.10	274.29	236.83	332.08	1.85	0.16	1.07	0.74	-1.13	0.60	-1.95	0.16
C1R	58.34	94.67	27.84	10.42	38.17	17.81	12.92	47.93	-4.38	0.16	-1.05	0.96	-2.85	0.17	1.46	0.69
C1S	12.50	8.61	6.96	31.26	6.36	7.12	6.46	3.42	2.85	0.09	-1.43	0.46	-1.54	0.24	-6.28	0.10
C2	4.17	34.42	6.96	31.26	25.45	35.62	8.61	10.27	1.23	0.89	-3.20	0.05	2.51	0.54	-1.57	0.66
C3	12.50	17.21	76.56	291.72	3.18	14.25	4.31	51.35	10.20	0.16	2.20	0.65	-2.17	0.48	-10.06	0.28
C4A	37.50	34.42	34.80	10.42	28.63	39.18	36.60	54.78	-1.89	0.48	1.34	0.37	-1.07	0.73	2.35	0.38
C4B	29.17	60.24	6.96	20.84	25.45	24.94	23.68	44.51	-3.48	0.22	1.29	0.58	-1.66	0.39	2.69	0.29
C5	12.50	8.61	6.96	10.42	22.27	17.81	6.46	3.42	-1.21	0.55	-4.23	0.11	1.92	0.12	-1.82	0.28
C7	12.50	25.82	20.88	62.51	25.45	14.25	19.38	3.42	2.01	0.41	-2.35	0.50	1.06	0.91	-4.44	0.30
C8G	25.00	25.82	34.80	20.84	19.08	32.06	34.45	37.66	1.06	0.86	1.45	0.38	-1.03	0.93	1.34	0.46
C9	4.17	68.85	27.84	83.35	9.54	7.12	6.46	3.42	2.85	0.59	-1.75	0.30	-2.06	0.70	-10.27	0.09
CAMP	4.17	8.61	6.96	31.26	3.18	3.56	4.31	6.85	2.46	0.43	1.61	0.27	-1.78	0.35	-2.71	0.40
CARD9	8.33	8.61	41.76	4.17	9.54	10.69	17.22	10.27	4.92	0.01	1.32	0.48	1.19	0.18	-3.14	0.14
CASP1	229.18	232.37	208.80	385.49	467.57	520.08	432.76	386.86	1.23	0.62	-1.21	0.14	2.14	0.04	1.44	0.44
CASP10	20.83	137.70	34.80	52.09	34.99	14.25	17.12	17.12	-1.26	0.85	-1.30	0.66	-2.39	0.52	-2.48	0.14
CASP2	525.03	352.85	424.56	270.88	451.66	356.22	473.67	499.83	-1.27	0.51	1.21	0.34	-1.07	0.79	1.43	0.35
CASP3	545.87	473.34	187.92	573.02	219.47	167.42	211.00	390.28	-1.55	0.58	1.49	0.40	-2.66	0.04	-1.14	0.86
CASP8	1429.25	1256.49	995.27	1208.55	1459.95	1047.29	1130.34	1615.90	-1.22	0.25	1.09	0.75	-1.09	0.72	1.23	0.44
CASP2	25.00	25.82	55.68	10.42	12.72	3.56	10.77	13.69	-1.06	0.96	1.80	0.52	-3.78	0.28	-1.99	0.56
CCL13	12.50	25.82	13.92	10.42	25.45	10.69	4.31	3.42	-1.49	0.46	-4.29	0.16	-1.09	0.89	-3.14	0.03
CCL16	8.33	25.82	13.92	10.42	3.18	7.12	6.46	3.42	-1.21	0.79	-1.01	0.98	-3.07	0.26	-2.57	0.17
CCL18	4.17	25.82	6.96	10.42	12.72	10.69	15.07	13.69	-1.22	0.86	1.23	0.21	1.13	0.92	1.68	0.22
CCL19	4.17	8.61	187.92	208.37	9.54	3.56	2.15	10.27	33.13	0.06	-1.24	0.84	-1.03	0.97	-42.22	0.13
CCL2	16.67	8.61	487.19	718.88	3.18	42.75	27.99	1040.75	49.52	0.02	14.62	0.36	-1.03	0.99	-3.46	0.62
CCL20	4.17	8.61	83.52	1229.39	3.18	3.56	4.31	284.15	53.45	0.19	10.41	0.46	-1.78	0.35	-9.13	0.48
CCL22	104.17	43.03	17330.21	16857.19	9.54	14.25	10.77	20.54	256.00	0.05	1.27	0.60	-5.74	0.11	-1152.06	0.03
CCL23	12.50	25.82	6.96	10.42	3.18	3.56	12.92	10.27	-2.11	0.25	3.43	0.03	-5.35	0.13	1.36	0.35
CCL24	16.67	154.91	11205.48	7147.12	267.18	2269.13	721.26	1187.96	176.07	0.12	1.19	0.90	15.35	0.22	-9.65	0.02
CCL26	4.17	8.61	6.96	20.84	9.54	14.25	2.15	3.42	2.01	0.41	-4.29	0.04	1.95	0.28	-4.44	0.19
CCL3	2645.99	5361.62	2087.98	9751.75	1937.06	4513.32	2008.77	7309.21	1.20	0.86	1.29	0.77	-1.27	0.70	-1.18	0.89
CCL4	6796.24	15387.75	2234.14	5834.38	17853.41	18854.77	10567.05	24259.04	-2.83	0.24	-1.15	0.80	1.79	0.39	4.44	0.15
CCL5	5354.49	5619.80	1607.74	8959.99	10156.06	13525.71	10549.83	8158.24	-4.56	0.12	-1.27	0.35	2.14	0.11	7.73	0.05
CCL7	4.17	8.61	118.32	62.51	6.36	7.12	6.46	82.16	14.32	0.03	3.43	0.51	1.13	0.80	-3.73	0.48
CCL8	8.33	43.03	6.96	20.84	12.72	14.25	12.92	37.66	-1.57	0.70	1.64	0.52	-1.40	0.75	1.83	0.51
CCR10	16.67	34.42	6.96	10.42	3.18	14.25	6.46	3.42	-2.81	0.16	-1.43	0.72	-3.56	0.31	-1.82	0.28
CCR5	266.68	180.73	341.04	197.95	34.99	231.54	79.66	95.86	1.18	0.67	-1.03	0.98	-2.45	0.52	-2.97	0.13
CCR6	20.83	25.82	76.56	52.09	25.45	3.56	2.15	20.54	2.73	0.07	-1.43	0.83	-2.43	0.53	-9.51	0.29
CCR7	54.17	34.42	1600.78	1187.71	9.54	28.50	58.13	23.96	32.00	0.01	2.27	0.37	-2.62	0.30	-37.01	0.05
CCR8	8.33	8.61	69.60	10.42	6.36	3.56	2.15	6.85	3.18	0.44	-1.24	0.78	-1.78	0.30	-7.01	0.25
CCR2	4.17	34.42	187.92	156.28	3.18	7.12	2.15	3.42	14.32	0.24	-1.75	0.38	-2.51	0.54	-63.12	0.02
CD14	16.67	60.24	313.20	218.79	19.08	3.56	12.92	171.18	8.28	0.17	5.70	0.39	-3.84	0.34	-5.58	0.41
CD19	4.17	8.61	13.92	31.26	3.18	3.56	12.92	3.42	3.48	0.15	1.97	0.49	-1.78	0.35	-3.14	0.30
CD209	8.33	17.21	6.96	20.84	9.54	163.86	25.84	20.54	1.01	0.99	-1.72	0.77	3.29	0.55	1.92	0.44
CD22	16.67	60.24	243.60	104.19	12.72	10.69	6.46	10.27	5.03	0.19	-2.19	0.21	-1.78	0.53	-19.56	0.05
CD24	158.34	77.46	55.68	31.26	12.72	10.69	4.31	51.35	-2.66	0.17	1.27	0.88	-9.51	0.09	-2.81	0.56
CD244	866.72	722.91	633.35	427.16	1447.23	858.49	1011.92	1636.44	-1.53	0.24	1.16	0.73	1.40	0.40	2.48	0.10
CD247	4975.30	5215.31	1301.51	750.13	5925.69	7840.42	4504.13	6833.34	-5.17	0.10	-1.23	0.51	1.34	0.28	5.62	0.04
CD27	400.02	258.18	83.52	31.26	25.45	10.69	6.46	27.39	-6.28	0.12	-1.24	0.83	-19.43	0.05	-3.84	0.28
CD274	33.34	17.21	167.04	416.74	66.80	181.67	62.44	89.01	11.00	0.06	-1.47	0.58	4.59	0.14	-3.53	0.19
CD28	137.51	163.52	48.72	41.67	6.36	21.37	2.15	6.85	-3.32	0.01	-3.03	0.32	-12.91	0.14	-11.71	0.14
CD36	8.33	17.21	452.40	1260.64	28.63	81.93	6.46	65.05	63.12	0.03	-2.36	0.59	4.06	0.18	-36.76	0.16
CD3D	212.51	490.55														

Gene_Name	CD56bright				CD56dim				CD56bright: Perfusate vs PBMC		CD56dim: Perfusate vs PBMC		Liver: CD56bright vs CD56 dim		PBMC: CD56bright vs. CD56dim	
	Perfusate 1	Perfusate 2	PBMC 1	PBMC 2	Perfusate 1	Perfusate 2	PBMC 1	PBMC 2	FoldChange	p-value	FoldChange	p-value	FoldChange	p-value	FoldChange	p-value
CD44	1020.89	1222.07	2387.25	1656.55	674.31	911.93	979.63	814.80	1.78	0.15	1.14	0.55	-1.42	0.21	-2.22	0.09
CD46	1216.74	929.46	863.03	750.13	1040.10	1036.60	1141.10	1153.73	-1.32	0.25	1.10	0.02	-1.02	0.89	1.42	0.12
CD5	54.17	17.21	250.56	229.21	22.27	17.81	62.44	13.69	7.84	0.17	1.46	0.70	-1.54	0.59	-8.22	0.22
CD53	1104.23	963.89	1238.87	1343.99	1135.52	1253.90	919.34	1427.61	1.25	0.13	-1.04	0.88	1.16	0.24	-1.13	0.68
CD55	29.17	77.46	55.68	93.77	38.17	24.94	58.13	51.35	1.52	0.55	1.77	0.21	-1.54	0.53	-1.32	0.47
CD58	629.20	593.82	1050.95	1041.85	613.88	904.80	747.10	873.00	1.72	0.03	1.09	0.75	1.22	0.49	-1.29	0.18
CD59	416.69	438.91	549.83	635.53	454.84	562.83	462.90	667.59	1.39	0.11	1.10	0.71	1.18	0.35	-1.06	0.80
CD6	383.36	499.16	48.72	72.93	423.04	901.24	964.56	366.32	-7.36	0.02	-1.04	0.96	1.41	0.52	9.99	0.09
CD7	3037.68	2556.02	737.75	364.65	1587.18	1424.88	854.75	1095.53	-5.39	0.13	-1.56	0.13	-1.85	0.04	1.87	0.31
CD74	3654.39	3709.24	18763.96	17482.31	5130.51	7227.72	6568.88	7288.67	4.92	0.01	1.13	0.59	1.66	0.21	-2.62	0.01
CD79A	8.33	8.61	27.84	31.26	3.18	14.25	10.77	30.81	3.48	0.02	2.71	0.40	-1.26	0.81	-1.62	0.53
CD80	8.33	34.42	417.60	239.63	15.90	78.37	21.53	37.66	18.64	0.12	-1.24	0.83	2.08	0.56	-11.08	0.03
CD81	2933.51	2512.99	1050.95	760.55	2204.24	1211.15	1205.69	2023.30	-3.03	0.05	-1.05	0.92	-1.66	0.33	1.74	0.23
CD82	66.67	120.49	591.59	854.32	209.93	427.47	678.20	746.33	7.94	0.04	2.38	0.24	3.34	0.12	-1.00	1.00
CD83	208.35	215.15	4029.80	4573.74	305.35	1100.72	906.42	1016.78	20.25	0.01	1.66	0.58	2.73	0.36	-4.47	0.00
CD86	4.17	17.21	250.56	52.09	25.45	142.49	19.38	71.89	13.45	0.13	-1.61	0.70	7.11	0.23	-3.05	0.39
CD8A	437.53	215.15	97.44	52.09	585.25	153.17	279.89	236.22	-4.32	0.09	-1.16	0.86	-1.03	0.98	3.61	0.13
CD8B	16.67	51.64	27.84	20.84	9.54	21.37	8.61	13.69	-1.21	0.79	-1.32	0.63	-2.06	0.42	-2.22	0.12
CD9	45.84	43.03	772.55	677.20	19.08	71.24	21.53	126.67	16.34	0.00	1.41	0.78	-1.21	0.82	-13.83	0.21
CD96	4154.42	5327.19	1552.06	1260.64	2471.42	3708.26	2945.34	3043.51	-3.36	0.02	-1.01	0.97	-1.56	0.23	2.14	0.08
CD97	3321.03	4337.49	1976.62	4042.39	3845.50	5115.33	4687.14	7196.23	-1.35	0.51	1.31	0.42	1.16	0.51	2.06	0.25
CDH5	4.17	8.61	6.96	10.42	6.36	3.56	2.15	6.85	1.42	0.51	-1.24	0.78	-1.26	0.67	-2.22	0.38
CDKN1A	75.00	154.91	1698.22	2562.96	79.52	448.84	133.49	311.54	19.29	0.03	1.08	0.95	1.75	0.63	-10.20	0.07
CEACAM1	4.17	17.21	13.92	10.42	3.18	3.56	2.15	3.42	1.42	0.71	-1.24	0.52	-2.51	0.42	-4.44	0.05
CEBPB	158.34	189.33	2289.82	2177.47	289.45	431.03	178.70	510.10	12.91	0.01	-1.17	0.82	2.04	0.13	-7.41	0.16
CFB	4.17	8.61	6.96	10.42	15.90	17.81	6.46	30.81	1.42	0.51	-1.19	0.86	2.81	0.21	1.66	0.63
CFD	4.17	8.61	20.88	10.42	3.18	7.12	2.15	3.42	2.46	0.21	-1.75	0.38	-1.26	0.71	-5.43	0.07
CFH	16.67	86.06	6.96	52.09	19.08	10.69	12.92	17.12	-1.99	0.65	1.04	0.92	-2.66	0.43	-1.28	0.85
CFP	4.17	17.21	27.84	31.26	3.18	14.25	8.61	3.42	3.48	0.33	-1.24	0.83	-1.26	0.84	-5.43	0.16
CIITA	29.17	34.42	194.88	208.37	19.08	53.43	55.98	30.81	6.36	0.01	1.30	0.71	1.01	0.99	-4.86	0.12
CISH	16.67	17.21	48.72	72.93	28.63	49.87	38.75	27.39	3.53	0.10	-1.16	0.70	2.23	0.21	-1.83	0.15
CLEC4A	41.67	60.24	215.76	229.21	34.99	71.24	34.45	41.08	4.44	0.07	-1.33	0.57	-1.01	0.99	-5.90	0.02
CLEC4E	8.33	8.61	180.96	145.86	3.18	14.25	6.46	68.47	19.16	0.02	3.12	0.51	-1.26	0.81	-7.73	0.33
CLEC5A	16.67	51.64	1760.86	1135.62	31.81	160.30	21.53	253.34	48.17	0.06	1.04	0.98	2.43	0.47	-19.16	0.24
CLU	12.50	17.21	6.96	31.26	3.18	10.69	15.07	10.27	1.01	1.00	1.43	0.42	-2.51	0.36	-1.19	0.86
CMKLR1	4.17	17.21	83.52	93.77	970.12	555.70	811.69	657.32	10.41	0.18	-1.01	0.99	86.82	0.07	8.28	0.01
CR1	4.17	60.24	13.92	20.84	3.18	10.69	4.31	3.42	1.07	0.97	-1.52	0.61	-2.71	0.59	-4.44	0.04
CR2	8.33	17.21	6.96	41.67	9.54	3.56	6.46	3.42	1.42	0.77	-1.24	0.75	-2.06	0.37	-3.63	0.37
CRADD	116.67	60.24	90.48	62.51	184.48	113.99	127.03	133.52	-1.12	0.81	-1.12	0.73	1.73	0.32	1.73	0.20
CSF1	33.34	137.70	640.31	2062.87	41.35	156.74	92.58	208.83	16.91	0.10	1.73	0.57	1.19	0.88	-8.28	0.11
CSF1R	4.17	17.21	90.48	20.84	6.36	17.81	6.46	10.27	5.13	0.25	-1.31	0.70	1.26	0.82	-5.31	0.24
CSF2	25.00	111.88	83.52	1083.53	28.63	10.69	47.37	106.13	5.70	0.39	4.06	0.16	-3.03	0.36	-4.23	0.45
CSF2RB	8.33	8.61	828.23	927.25	44.53	153.17	45.21	154.06	103.25	0.00	1.01	0.99	9.78	0.17	-10.48	0.16
CSF3R	4.17	8.61	6.96	10.42	9.54	7.12	2.15	20.54	1.42	0.51	-1.24	0.88	1.38	0.54	-1.28	0.86
CTLA4	8.33	86.06	55.68	83.35	28.63	24.94	15.07	27.39	2.55	0.57	-1.32	0.52	-1.00	1.00	-3.36	0.09
CTSC	1541.76	1824.50	2115.82	1562.78	1978.41	2140.89	2183.17	2786.74	1.09	0.70	1.20	0.36	1.23	0.21	1.36	0.26
CUL9	650.04	395.88	320.16	250.04	515.28	502.27	521.03	534.07	-1.79	0.21	1.04	0.18	-1.00	0.99	1.87	0.12
CX3CR1	8.33	25.82	201.84	93.77	3059.86	2051.83	1916.19	2372.50	9.38	0.10	-1.17	0.57	171.25	0.05	15.45	0.07
CXCL1	25.00	43.03	1287.59	9314.17	25.45	516.52	79.66	4902.48	105.42	0.11	5.46	0.58	3.51	0.56	-5.54	0.56
CXCL10	12.50	17.21	90.48	197.95	19.08	124.68	15.07	20.54	9.13	0.08	-2.77	0.47	3.32	0.42	-7.62	0.09
CXCL11	8.33	25.82	41.76	177.12	6.36	39.18	15.07	6.85	5.86	0.20	-1.56	0.72	1.08	0.95	-8.46	0.16
CXCL2	16.67	25.82	779.51	7647.21	12.72	231.54	40.91	1934.29	117.78	0.14	5.17	0.57	2.62	0.63	-8.69	0.46
CXCR1	4.17	8.61	13.92	10.42	22.27	14.25	15.07	13.69	2.01	0.28	-1.24	0.51	2.97	0.15	1.19	0.43
CXCR2	16.67	17.21	6.96	10.42	276.72	146.05	105.50	157.48	-1.99	0.18	-1.56	0.38	11.88	0.08	15.14	0.01
CXCR3	504.20	791.76	689.03	520.93	232.19	406.09	432.76	516.95	-1.06	0.86	1.54	0.35	-2.06	0.19	-1.27	0.31
CXCR4	6529.56	3933.00	1489.42	948.09	4421.21	3387.66	6751.89	3553.61	-4.26	0.05	1.27	0.60	-1.31	0.47	4.11	0.08
CXCR6	3116.85	2521.59	236.64	104.19	168.58	106.87	19.38	47.93	-17.88	0.07	-4.41	0.14	-20.82	0.02	-5.17	0.12
CYBB	4.17	77.46	2039.26	1614.87	79.52	156.74	34.45	219.11	101.13	0.19	-1.28	0.83	6.23	0.42	-20.82	0.18
DEFB1	4.17	25.82	6.96	10.42	3.18	14.25	4.31	10.27	-1.22	0.86	-1.01	0.99	-1.54	0.75	-1.28	0.68
DPP4	4.17	8.61	20.88	20.84	3.18	7.12	12.92	6.85	3.48	0.18	1.97	0.32	-1.26	0.71	-2.22	0.24
EBI3	8.33	8.61	403.68	218.79	22.27	71.24	45.21	130.09	35.02	0.05	1.93	0.49	4.69	0.23	-3.86	0.19
ENTPD1	25.00	60.24	27.84	10.42	6.36	14.25	12.92	23.96	-2.28	0.34	1.85	0.36	-4.08	0.14	1.04	0.96
ETS1	8000.48	7969.27	3201.57	2344.17	6469.59	5329.06	6215.79	6946.32	-2.91	0.09	1.12	0.44	-1.36	0.19	2.39	0.08
FADD	12.50	43.03	27.84	10.42	25.45	60.56	64.59	41.08	-1.37	0.74	1.31	0.65	1.69	0.56	3.03	0.23
FAS	83.34	77.46	20.88	31.26	60.43	60.56	60.28	51.35	-3.14	0.08	-1.09	0.49	-1.33	0.08	2.17	0.13
FCAR	4.17	25.82	556.79	562.60	12.72	57.00	6.46	147.21	53.82	0.14	1.15	0.95	2.60	0.51	-18.13	0.31
FCER1A	4.17	8.61	6.96	41.67	3.18	3.56	2.15	3.42	2.85	0.44	-1.24	0.52	-1.78	0.35	-6.28	0.27
FCER1G	3058.52	2736.75	2582.13	2500.45	2932.63	2016.21	865.52	4481.38	-1.14	0.24	-1.23	0.84	-1.19	0.52	-1.29	0.81
FCGR1A	12.50	77.46	13.92	10.42	6.36	7.12	4.31	3.42	-2.58	0.48	-1.75	0.34	-4.63	0.48	-3.14	0.03
FCGR2A	4.17	25.82	62.64	250.04	15.90	53.43	6.46	47.93	12.04	0.17	-1.66	0.72	2.81	0.46	-7.11	0.26
FCGR2B	29.17	8.61	83.52	20.84	50.89	24.94	17.22	13.69	2.64	0.41	-2.31	0.23	2.25	0.39	-2.71	0.38
FCGR2C	8.33	17.21	215.76	458.42	683.86											

Gene_Name	CD56bright				CD56dim				CD56bright: Perfusate vs PBMC		CD56dim: Perfusate vs. PBMC		Liver: CD56bright vs.CD56 dim		PBMC: CD56bright vs. CD56dim	
	Perfusate 1	Perfusate 2	PBMC 1	PBMC 2	Perfusate 1	Perfusate 2	PBMC 1	PBMC 2	FoldChange	p-value	FoldChange	p-value	FoldChange	p-value	FoldChange	p-value
GZMA	3225.19	2418.32	869.99	343.81	4465.74	1442.69	2376.94	3519.38	-5.10	0.15	1.14	0.86	-1.10	0.89	5.28	0.13
GZMB	291.68	163.52	883.91	1125.20	7732.34	8004.28	7468.85	6603.96	4.56	0.08	-1.12	0.30	36.00	0.05	7.06	0.01
HAMP	4.17	8.61	118.32	62.51	3.18	3.56	10.77	3.42	14.32	0.03	1.80	0.49	-1.78	0.35	-14.12	0.08
HFE	4.17	17.21	6.96	10.42	12.72	3.56	2.15	13.69	1.01	1.00	-1.24	0.87	-1.26	0.83	-1.57	0.71
HLA-C	19213.65	16084.85	6591.05	6761.63	22430.47	26210.73	16660.12	21571.58	-2.64	0.05	-1.28	0.27	1.38	0.11	2.85	0.08
HLA-DMB	525.03	456.12	814.31	802.23	111.33	99.74	174.40	109.55	1.65	0.09	1.31	0.44	-4.66	0.00	-5.86	0.08
HLA-DOB	166.68	68.85	243.60	312.56	197.20	42.75	34.45	30.81	2.58	0.26	-2.81	0.40	-1.16	0.88	-8.46	0.02
HLA-DPA1	750.04	662.67	4050.68	6365.73	887.42	1449.82	850.45	879.84	7.21	0.06	-1.31	0.47	1.61	0.29	-5.86	0.08
HLA-DPB1	675.04	507.76	2735.25	2792.17	922.41	1221.84	1227.22	766.87	4.72	0.06	-1.09	0.78	1.82	0.10	-2.85	0.14
HLA-DQA1	75.00	129.09	4558.75	1364.83	41.35	217.29	409.07	54.78	25.28	0.08	1.58	0.76	-1.04	0.97	-16.68	0.17
HLA-DQB1	12.50	43.03	765.59	197.95	6.36	35.62	64.59	27.39	16.80	0.09	2.79	0.43	-1.54	0.73	-9.25	0.13
HLA-DRA	620.87	395.88	11950.19	11189.51	330.80	1464.07	469.36	794.26	23.26	0.04	-1.14	0.89	1.40	0.73	-18.90	0.05
HLA-DRB1	945.89	748.73	8101.35	7772.23	483.47	1916.47	1778.40	647.04	9.45	0.03	-1.12	0.91	1.14	0.88	-7.41	0.16
HLA-DRB3	383.36	318.43	3215.49	3823.60	232.19	1004.54	889.20	338.93	10.06	0.00	1.13	0.90	1.39	0.74	-6.41	0.15
ICAM1	187.51	266.79	410.64	635.53	98.60	167.42	150.71	325.23	2.28	0.10	-1.73	0.38	-1.74	0.24	-2.31	0.23
ICAM2	416.69	318.43	257.52	156.28	792.00	587.76	570.55	712.09	-1.82	0.21	-1.07	0.75	1.88	0.09	3.18	0.09
ICAM3	1004.23	722.91	619.43	541.76	737.93	431.03	415.53	469.02	-1.47	0.22	-1.27	0.53	-1.52	0.34	-1.31	0.10
ICAM4	33.34	86.06	69.60	72.93	15.90	7.12	15.07	23.96	1.33	0.66	1.79	0.36	-5.03	0.12	-3.76	0.11
ICAM5	16.67	25.82	6.96	31.26	9.54	3.56	8.61	17.12	-1.40	0.73	2.08	0.36	-3.56	0.20	-1.21	0.84
ICOS	16.67	17.21	34.80	62.51	31.81	17.81	53.83	23.96	2.75	0.18	1.51	0.50	1.40	0.45	-1.30	0.66
ICOSLG	29.17	17.21	194.88	229.21	19.08	28.50	6.46	13.69	9.45	0.06	-2.48	0.20	1.04	0.92	-22.47	0.07
IFI16	1300.08	903.64	605.51	416.74	1574.46	1581.62	1362.87	1670.68	-2.16	0.10	-1.04	0.74	1.45	0.29	3.01	0.06
IFI35	104.17	60.24	27.84	145.86	89.06	106.87	88.27	71.89	-1.24	0.84	-1.22	0.28	1.23	0.58	1.25	0.83
IFIH1	129.17	180.73	187.92	448.00	139.95	181.67	193.77	301.27	1.91	0.36	1.52	0.27	1.04	0.86	-1.20	0.75
IFIH2	25.00	129.09	55.68	83.35	60.43	245.79	47.37	89.01	1.20	0.86	-1.88	0.53	2.14	0.55	-1.05	0.91
IFITM1	3725.22	3511.30	3361.64	2135.80	3320.68	2486.42	1769.79	3964.43	-1.35	0.41	-1.09	0.88	-1.26	0.35	-1.01	0.98
IFNAR1	145.84	172.12	187.92	135.44	165.40	174.55	183.01	150.63	1.01	0.97	-1.02	0.85	1.07	0.55	1.04	0.86
IFNAR2	1708.44	1032.73	751.67	510.51	1027.37	648.32	833.22	931.20	-2.14	0.15	1.08	0.80	-1.62	0.29	1.42	0.30
IFNB1	4.17	51.64	6.96	10.42	12.72	7.12	8.61	6.85	-1.73	0.74	-1.24	0.59	-1.54	0.79	-1.11	0.71
IFNG	16.67	34.42	62.64	1052.27	85.88	220.86	101.19	506.68	10.70	0.33	1.65	0.66	5.74	0.11	-1.13	0.95
IFNGR1	704.21	585.22	327.12	250.04	365.78	430.61	438.21	438.21	-2.25	0.05	1.24	0.12	-1.84	0.06	1.52	0.20
IGF2R	108.34	154.91	132.24	166.70	340.34	345.53	258.36	386.86	1.15	0.60	-1.09	0.76	2.64	0.12	2.13	0.11
IKBKB	187.51	120.49	146.16	83.35	203.57	206.61	206.69	256.76	-1.37	0.48	1.13	0.39	2.08	0.39	2.08	0.20
IKBKE	170.84	154.91	132.24	229.21	209.93	178.11	163.63	198.56	1.07	0.85	-1.07	0.64	1.19	0.24	1.04	0.92
IKBKG	608.37	602.43	313.20	260.46	461.21	420.34	454.29	499.83	-2.11	0.08	1.08	0.36	-1.38	0.09	1.67	0.07
IKZF1	391.69	370.06	410.64	350.04	566.17	441.71	514.57	527.22	-1.19	0.61	1.04	0.80	1.31	0.26	1.62	0.30
IKZF2	1491.76	722.91	640.31	254.23	1062.36	270.73	204.54	807.95	-2.17	0.24	-1.32	0.80	-1.93	0.51	-1.17	0.86
IKZF3	1087.57	1204.86	153.12	197.95	1189.59	1699.17	1272.44	1458.42	-6.59	0.02	-1.04	0.85	1.24	0.43	7.84	0.01
IL10	4.17	8.61	20.88	31.26	3.18	3.56	2.15	17.12	4.26	0.10	1.80	0.67	-1.78	0.35	-4.20	0.39
IL10RA	1404.25	774.55	1287.59	1218.97	1479.04	1321.58	1522.19	1615.90	1.20	0.65	1.13	0.25	1.34	0.50	1.25	0.03
IL11RA	225.01	111.88	20.88	72.93	174.94	146.05	124.88	116.40	-4.06	0.22	-1.33	0.16	1.01	0.99	3.10	0.32
IL12A	41.67	34.42	6.96	62.51	25.45	24.94	8.61	41.08	-1.82	0.68	-1.34	0.77	-1.51	0.14	-1.11	0.95
IL12B	4.17	34.42	20.88	83.35	3.18	14.25	2.15	34.24	3.48	0.44	1.27	0.90	-1.78	0.70	-4.86	0.45
IL12RB1	191.68	189.33	90.48	177.12	461.21	509.40	348.79	390.28	-1.51	0.44	-1.31	0.07	2.55	0.03	2.91	0.19
IL13	4.17	8.61	6.96	41.67	9.54	7.12	2.15	3.42	2.85	0.44	-3.03	0.07	1.38	0.54	-6.28	0.27
IL13RA1	4.17	17.21	689.03	302.14	9.54	46.31	21.53	47.93	53.82	0.06	1.53	0.69	2.48	0.48	-14.22	0.04
IL15	20.83	43.03	76.56	52.09	15.90	42.75	34.45	75.32	2.11	0.25	1.96	0.40	-1.15	0.84	-1.24	0.69
IL16	2604.32	2263.41	1134.47	760.55	1857.54	1307.33	1393.01	2139.70	-2.62	0.10	1.11	0.27	-1.56	0.21	1.85	0.17
IL17A	8.33	8.61	6.96	20.84	6.36	3.56	4.31	3.42	1.42	0.64	-1.24	0.59	-1.78	0.30	-3.14	0.27
IL17F	4.17	25.82	13.92	10.42	3.18	3.56	8.61	6.85	1.16	0.90	2.28	0.05	-3.07	0.43	-1.57	0.14
IL18	87.51	163.52	125.28	52.09	54.07	21.37	10.77	78.74	-1.48	0.55	-1.16	0.91	-3.53	0.17	-2.77	0.48
IL18R1	795.88	456.12	1461.58	531.35	467.57	309.91	432.76	523.80	1.46	0.59	1.25	0.46	-1.58	0.33	-1.85	0.43
IL18RAP	966.72	636.85	1350.23	1062.69	919.23	530.77	867.67	1537.16	1.53	0.25	1.66	0.33	-1.13	0.77	-1.04	0.92
IL1A	4.17	60.24	97.44	1291.90	3.18	17.81	10.77	455.33	22.32	0.24	9.32	0.43	-2.10	0.69	-5.06	0.56
IL1B	41.67	34.42	5769.78	20326.57	41.35	395.41	111.96	9815.22	286.03	0.07	8.22	0.51	3.39	0.48	-10.34	0.48
IL1R1	4.17	43.03	111.36	104.19	3.18	3.56	4.31	3.42	6.06	0.32	1.14	0.45	-3.97	0.45	-28.05	0.01
IL1R2	20.83	60.24	494.15	135.44	6.36	21.37	8.61	17.12	7.31	0.15	-1.04	0.96	-3.03	0.30	-21.26	0.08
IL1RAP	33.34	51.64	55.68	156.28	50.89	67.68	58.13	44.51	2.25	0.34	1.16	0.54	1.41	0.33	-1.83	0.44
IL1RL1	4.17	8.61	13.92	10.42	6.36	7.12	2.15	10.27	2.01	0.28	-1.43	0.73	1.13	0.80	-2.57	0.44
IL1RL2	12.50	17.21	13.92	10.42	3.18	3.56	2.15	6.85	-1.21	0.46	1.14	0.86	-4.35	0.05	-3.14	0.28
IL1RN	16.67	146.30	1600.78	5230.11	426.22	2582.60	312.19	955.16	58.49	0.11	-1.92	0.61	21.26	0.17	-5.31	0.18
IL2	4.17	94.67	20.88	20.84	6.36	10.69	6.46	30.81	1.05	0.98	1.71	0.62	-2.41	0.17	-1.47	0.70
IL20	8.33	17.21	34.80	83.35	9.54	21.37	2.15	20.54	4.50	0.12	-2.14	0.62	1.19	0.78	-8.11	0.29
IL21	4.17	51.64	6.96	10.42	3.18	3.56	6.46	10.27	-1.73	0.74	2.43	0.15	-4.35	0.45	-1.04	0.90
IL21R	58.34	51.64	118.32	145.86	98.60	153.17	92.58	102.71	2.39	0.03	-1.26	0.48	2.23	0.15	-1.35	0.17
IL22	4.17	8.61	6.96	10.42	3.18	3.56	2.15	6.85	1.42	0.51	1.14	0.86	-1.78	0.35	-2.22	0.38
IL23A	4.17	8.61	27.84	114.60	9.54	10.69	8.61	92.43	9.45	0.15	2.79	0.55	1.68	0.38	-2.00	0.67
IL23R	283.35	163.52	55.68	125.02	12.72	10.69	2.15	30.81	-2.58	0.21	-1.43	0.83	-18.51	0.04	-10.27	0.31
IL26	75.00	163.52	55.68	125.02	73.16	42.75	21.53	85.59	-1.33	0.66	-1.30	0.77	-1.99	0.30	-1.95	0.51
IL28B	20.83	34.42	6.96	20.84	3.18	7.12	4.31	6.85	-2.22	0.36	1.14	0.81	-5.62	0.09	-2.22	0.36
IL29	12.50	8.61	6.96	20.84	12.72	17.81	4.31	10.27	1.16	0.83	-2.27	0.28	1.45	0.28	-1.82	0.49

Gene_Name	CD56bright				CD56dim				CD56bright: Perfusate vs PBMC		CD56dim: Perfusate vs. PBMC		Liver: CD56bright vs. CD56 dim		PBMC: CD56bright vs. CD56dim	
	Perfusate 1	Perfusate 2	PBMC 1	PBMC 2	Perfusate 1	Perfusate 2	PBMC 1	PBMC 2	FoldChange	p-value	FoldChange	p-value	FoldChange	p-value	FoldChange	p-value
IL6R	4.17	34.42	180.96	343.81	28.63	92.62	17.22	54.78	20.82	0.19	-1.68	0.59	4.29	0.38	-8.11	0.12
IL6ST	266.68	318.43	348.00	250.04	206.75	206.61	206.69	219.11	1.01	0.96	1.03	0.50	-1.41	0.16	-1.39	0.29
IL7R	458.36	490.55	5943.78	1625.29	111.33	156.74	781.55	232.80	6.54	0.21	3.23	0.29	-3.58	0.08	-7.31	0.16
IL8	116.67	559.40	48162.68	129617.02	626.60	8998.14	968.86	39325.94	308.69	0.04	2.60	0.72	9.32	0.31	-12.82	0.39
IL9	4.17	8.61	20.88	20.84	9.54	3.96	2.15	3.42	3.48	0.18	-2.14	0.34	-1.03	0.97	-7.67	0.07
IRAK2	212.51	266.79	417.60	406.32	159.04	195.92	137.79	390.28	1.73	0.13	1.31	0.69	-1.35	0.19	-1.78	0.47
IRAK3	12.50	25.82	174.00	250.04	15.90	21.37	8.61	58.20	11.63	0.05	1.21	0.87	1.03	0.96	-9.32	0.25
IRAK4	450.03	533.58	389.76	291.72	454.84	466.65	363.86	499.83	-1.45	0.19	-1.08	0.71	-1.06	0.60	1.27	0.39
IRF1	1116.73	1686.80	1350.23	2000.36	1339.09	1727.67	1132.49	1999.33	1.20	0.59	-1.01	0.98	1.11	0.72	-1.09	0.82
IRF3	2058.46	1617.95	876.95	604.28	1294.56	1478.32	1304.73	1420.76	-2.51	0.07	-1.01	0.86	-1.32	0.22	1.87	0.17
IRF4	283.35	507.76	626.39	468.83	305.35	997.42	490.89	438.21	1.42	0.42	-1.19	0.82	1.45	0.64	-1.16	0.47
IRF5	29.17	25.82	55.68	41.67	15.90	35.62	21.53	41.08	1.75	0.12	1.25	0.71	-1.16	0.78	-1.62	0.35
IRF7	595.87	757.34	396.72	979.34	432.58	591.33	441.37	920.93	-1.08	0.90	1.26	0.64	-1.33	0.29	1.02	0.97
IRF8	329.19	327.03	180.96	364.65	143.13	181.67	66.74	369.74	-1.27	0.61	-1.03	0.98	-2.03	0.11	-1.64	0.67
IRGM	54.17	43.03	34.80	41.67	41.35	21.37	10.77	20.54	-1.27	0.25	-2.00	0.27	-1.62	0.36	-2.57	0.19
ITGA2B	12.50	17.21	20.88	20.84	3.18	7.12	4.31	10.27	1.42	0.27	1.39	0.63	-3.07	0.18	-3.14	0.23
ITGA4	1320.91	1359.77	702.95	437.58	569.35	477.34	643.75	496.41	-2.41	0.17	1.09	0.66	-2.57	0.05	1.02	0.95
ITGA5	145.84	215.15	981.35	1073.11	731.57	812.18	607.15	1122.91	5.78	0.06	1.07	0.86	4.35	0.07	-1.24	0.61
ITGA6	179.18	86.06	111.36	72.93	50.89	17.81	60.28	61.62	-1.38	0.54	2.03	0.41	-4.11	0.17	-1.47	0.32
ITGAL	2700.16	2160.14	1746.94	1177.29	2360.10	2237.07	1731.03	2280.06	-1.68	0.18	-1.16	0.48	-1.05	0.73	1.39	0.32
ITGAM	233.35	206.55	730.79	1604.45	928.77	352.66	566.25	1420.76	4.92	0.15	1.57	0.29	2.60	0.29	-1.21	0.79
ITGAX	154.18	275.40	3131.97	3990.30	521.64	933.30	161.48	1078.41	17.15	0.04	-1.67	0.68	3.39	0.10	-8.46	0.26
ITGB1	1591.76	1308.13	1524.22	1114.78	1774.84	1613.68	2109.97	1722.03	-1.11	0.65	1.13	0.44	1.17	0.32	1.46	0.20
ITGB2	1329.25	748.73	1893.10	2490.03	2382.36	1054.41	1358.56	3111.98	2.17	0.18	1.30	0.70	1.59	0.46	-1.06	0.92
JAK1	4229.42	3700.63	2909.25	2208.73	3762.80	3063.50	3539.57	4734.72	-1.56	0.14	1.21	0.41	-1.16	0.36	1.61	0.14
JAK2	1095.90	903.64	883.91	1073.11	753.83	815.75	641.60	708.67	-1.02	0.89	-1.16	0.15	-1.27	0.21	-1.44	0.11
JAK3	462.53	344.24	250.56	364.65	604.34	612.70	587.78	842.19	-1.32	0.37	1.16	0.57	1.53	0.21	2.33	0.08
KIR2DL1	4.17	25.82	6.96	10.42	63.61	89.06	47.37	51.35	-1.22	0.86	-1.53	0.23	7.26	0.27	5.78	0.06
KIR2DL2	4.17	8.61	13.92	10.42	85.88	92.62	38.75	54.78	2.01	0.28	-1.93	0.15	14.93	0.08	3.84	0.03
KIR2DL3	258.35	327.03	48.72	52.09	900.15	808.62	454.29	455.33	-5.78	0.03	-1.88	0.05	2.93	0.04	9.00	0.01
KIR2DL5A	62.50	163.52	13.92	10.42	346.70	242.23	60.28	51.35	-8.40	0.12	-5.21	0.04	2.87	0.24	4.63	0.02
KIR2DS1	8.33	25.82	6.96	31.26	34.99	64.12	8.61	3.42	1.01	1.00	-8.75	0.07	3.23	0.25	-2.71	0.39
KIR2DS2	8.33	43.03	27.84	10.42	111.33	252.92	15.07	17.12	-1.11	0.92	-10.48	0.10	8.88	0.18	-1.06	0.92
KIR2DS3	12.50	25.82	13.92	10.42	41.35	92.62	12.92	13.69	-1.49	0.46	-4.66	0.16	3.43	0.15	1.10	0.62
KIR2DS4	16.67	163.52	20.88	31.26	117.69	416.78	38.75	27.39	-2.04	0.64	-8.82	0.18	4.23	0.41	1.27	0.46
KIR2DS5	16.67	17.21	6.96	62.51	3.18	7.12	8.61	6.85	1.23	0.88	1.61	0.44	-3.56	0.20	-2.71	0.53
KIR3DL1	462.53	628.25	647.27	187.53	1106.89	1082.91	529.64	414.25	-1.55	0.61	-2.33	0.09	2.03	0.13	1.35	0.72
KIR3DL2	220.85	327.03	48.72	10.42	528.00	965.36	223.91	51.35	-11.96	0.17	-6.68	0.20	2.66	0.13	4.76	0.28
KIR3DL3	4.17	25.82	6.96	10.42	6.36	3.56	4.31	3.42	-1.22	0.86	-1.24	0.59	-2.17	0.55	-2.22	0.10
KIR3DL5	25.00	43.03	48.72	41.67	200.39	170.99	66.74	143.79	1.38	0.44	-1.89	0.34	5.66	0.08	2.17	0.28
KIT	87.51	197.94	501.11	302.14	41.35	10.69	12.92	44.51	2.95	0.18	1.14	0.90	-6.28	0.17	-16.22	0.10
KLRB1	9754.75	6936.54	2136.70	1635.71	11304.30	5535.67	2936.73	10564.97	-4.41	0.02	-1.42	0.69	-1.04	0.93	2.99	0.33
KLRC1	962.56	671.28	1155.35	968.92	648.87	327.72	546.87	1095.53	1.32	0.48	1.68	0.40	-1.74	0.32	-1.37	0.53
KLRD1	3812.73	3433.84	2721.33	1864.92	5105.06	5931.08	4514.90	6323.24	-1.60	0.22	-1.03	0.89	1.52	0.05	2.38	0.08
LAIR1	95.84	163.52	403.68	250.04	324.43	352.66	189.47	561.46	2.53	0.12	-1.04	0.96	2.69	0.16	1.03	0.97
LCK	1945.95	1686.80	702.95	385.49	1752.58	1592.31	2301.58	1211.92	-3.48	0.13	-1.00	1.00	-1.09	0.46	3.20	0.12
LCP2	1958.45	2031.05	1545.10	1312.74	1991.13	2123.08	2118.58	2228.71	-1.40	0.14	1.03	0.31	1.06	0.52	1.53	0.10
LEF1	87.51	8.61	341.04	291.72	31.81	3.56	81.81	30.81	11.47	0.28	4.72	0.37	-2.58	0.61	-6.28	0.16
LIF	70.84	34.42	6.96	72.93	12.72	3.56	10.27	10.27	-2.19	0.62	-1.43	0.76	-7.36	0.14	-4.79	0.40
LILRA1	8.33	8.61	20.88	10.42	6.36	3.56	4.31	6.85	1.74	0.36	1.14	0.76	-1.78	0.30	-2.71	0.16
LILRA2	4.17	25.82	69.60	104.19	19.08	35.62	12.92	30.81	8.22	0.25	-1.31	0.67	2.51	0.49	-4.26	0.14
LILRA3	25.00	25.82	62.64	104.19	368.96	374.03	469.36	232.80	3.18	0.14	-1.13	0.80	14.62	0.00	4.08	0.09
LILRA5	8.33	51.64	27.84	31.26	6.36	17.81	6.46	13.69	1.42	0.77	-1.13	0.87	-1.95	0.60	-3.14	0.20
LILRA6	8.33	43.03	6.96	20.84	12.72	53.43	2.15	17.12	-1.57	0.70	-4.29	0.38	1.38	0.80	-1.99	0.63
LILRB1	16.67	43.03	55.68	93.77	365.78	320.60	477.97	219.11	2.69	0.24	-1.06	0.91	12.82	0.11	4.47	0.10
LILRB2	16.67	34.42	34.80	52.09	9.54	21.37	4.31	20.54	1.78	0.33	-1.52	0.70	-1.68	0.44	-4.53	0.29
LILRB3	4.17	8.61	76.56	156.28	6.36	35.62	2.15	13.69	18.25	0.03	-2.77	0.50	2.51	0.47	-20.11	0.16
LILRB4	4.17	34.42	278.40	302.14	19.08	60.56	6.46	44.51	24.25	0.20	-2.00	0.61	2.83	0.50	-17.15	0.21
LILRB5	4.17	8.61	6.96	10.42	3.18	14.25	2.15	6.85	1.42	0.51	-1.75	0.62	1.13	0.91	-2.22	0.38
LITAF	800.05	903.64	849.11	656.37	2439.62	2137.33	2019.54	2283.49	-1.14	0.49	-1.06	0.57	2.69	0.01	2.87	0.04
LTA	75.00	120.49	222.72	395.90	63.61	32.06	79.66	82.16	3.12	0.10	1.79	0.34	-2.10	0.23	-3.68	0.14
LTB4R	137.51	34.42	118.32	41.67	168.58	85.49	133.49	106.13	1.02	0.98	-1.01	0.98	1.74	0.57	1.69	0.49
LTB4R2	141.68	68.85	41.76	41.67	104.96	57.00	71.05	71.89	-2.36	0.25	-1.08	0.84	-1.27	0.66	1.72	0.01
LTBR	33.34	51.64	271.44	239.63	22.27	81.93	21.53	99.28	6.15	0.06	1.08	0.94	1.03	0.97	-5.50	0.27
LY96	4.17	8.61	111.36	135.44	9.54	24.94	6.46	34.24	20.53	0.06	-1.04	0.27	2.57	0.27	-8.28	0.24
MAF	116.67	86.06	48.72	83.35	270.36	306.35	561.94	380.01	-1.57	0.31	1.60	0.23	2.87	0.06	7.26	0.03
MAP4K1	608.37	516.37	271.44	156.28	333.98	395.41	273.43	318.39	-2.71	0.15	-1.23	0.21	-1.55	0.07	1.43	0.41
MAP4K2	375.02	309.82	229.68	83.35	311.71	284.98	271.28	294.42	-2.46	0.32	-1.06	0.47	-1.14	0.37	2.04	0.39
MAP4K4	337.52	275.40	396.72	270.88	209.93	288.54	273.43	311.54	1.07	0.78	1.19	0.47	-1.24	0.39	-1.13	0.65
MAPK1	1783.44	1445.83	1134.47	843.90	1348.63	1136.34	1033.45	1249.58	-1.64	0.13	-1.09	0.57	-1.30	0.20	1.16	0.50
MAPK11	58.34	60.24	20.88	52.09	12.72	28.50	25.84	37.66	-1.80	0.42	1.64	0.42				

Gene_Name	CD56bright				CD56dim				CD56bright: Perfusate vs PBMC		CD56dim: Perfusate vs. PBMC		Liver: CD56bright vs. CD56 dim		PBMC: CD56bright vs. CD56dim	
	Perfusate 1	Perfusate 2	PBMC 1	PBMC 2	Perfusate 1	Perfusate 2	PBMC 1	PBMC 2	FoldChange	p-value	FoldChange	p-value	FoldChange	p-value	FoldChange	p-value
NCF4	25.00	60.24	132.24	197.95	15.90	57.00	21.53	75.32	4.17	0.15	1.34	0.78	-1.29	0.78	-4.03	0.25
NCR1	2933.51	2056.86	1398.94	843.90	2210.60	1592.31	2187.47	2454.66	-2.27	0.13	1.23	0.41	-1.31	0.38	2.13	0.19
NFATC1	70.84	120.49	76.56	62.51	79.52	96.18	75.36	130.09	-1.34	0.46	1.13	0.73	-1.06	0.87	1.43	0.40
NFATC2	1483.42	1437.22	890.87	666.79	2258.31	1667.11	1683.67	2745.66	-1.89	0.14	1.11	0.76	1.33	0.31	2.79	0.09
NFATC3	1066.73	765.95	765.59	562.60	1628.53	1143.47	1520.04	1588.51	-1.38	0.29	1.14	0.60	1.51	0.23	2.36	0.11
NFIL3	104.17	154.91	111.36	83.35	127.23	153.17	66.74	171.18	-1.32	0.39	-1.31	0.67	1.10	0.72	1.11	0.86
NFKB1	304.18	361.46	856.07	979.34	397.59	826.43	948.31	684.66	2.77	0.01	1.40	0.52	1.73	0.37	-1.13	0.57
NFKB1A	1654.27	2616.28	3786.20	5813.54	3199.81	4128.60	3778.56	7819.31	2.25	0.12	1.49	0.46	1.74	0.20	1.16	0.77
NFKB1Z	241.68	352.85	375.84	843.90	286.27	391.84	376.78	783.99	1.93	0.32	1.62	0.39	1.15	0.63	-1.04	0.95
NOD2	20.83	25.82	97.44	125.02	54.07	96.18	71.05	68.47	4.76	0.01	-1.04	0.93	3.12	0.13	-1.58	0.16
NOS2	8.33	34.42	6.96	10.42	12.72	10.69	6.46	10.27	-1.99	0.50	-1.43	0.34	-1.45	0.69	-1.04	0.90
NOTCH1	395.86	499.16	556.79	604.28	359.42	288.54	340.18	640.20	1.30	0.23	1.45	0.44	-1.39	0.18	-1.24	0.62
NOTCH2	341.69	292.61	682.07	656.37	534.36	445.28	514.57	653.89	2.11	0.05	1.19	0.38	1.55	0.07	-1.16	0.44
PAX5	4.17	34.42	20.88	10.42	9.54	3.56	2.15	10.27	1.23	0.88	-1.24	0.84	-2.06	0.62	-3.14	0.36
PDCD1	12.50	8.61	6.96	10.42	6.36	7.12	2.15	17.12	-1.21	0.55	-1.11	0.94	-1.54	0.24	-1.40	0.80
PDCD1LG2	4.17	8.61	6.96	31.26	3.18	35.62	19.38	6.85	2.46	0.43	1.08	0.96	1.78	0.72	-1.28	0.81
PDGFB	4.17	17.21	55.68	41.67	3.18	3.56	8.61	6.85	5.70	0.24	2.28	0.05	-2.51	0.42	-6.28	0.01
PDGFBR	4.17	8.61	6.96	62.51	171.76	195.92	101.19	164.33	3.48	0.45	-1.42	0.37	30.70	0.06	6.19	0.34
PLAU	4.17	51.64	187.92	270.88	6.36	103.30	19.38	95.86	15.35	0.27	1.68	0.78	1.74	0.79	-5.24	0.27
PLAUR	8.33	17.21	737.75	1531.52	44.53	413.22	90.43	575.15	88.65	0.01	1.68	0.76	11.31	0.25	-4.66	0.32
PML	112.51	77.46	83.52	72.93	127.23	81.93	105.50	102.71	-1.20	0.51	1.02	0.94	1.09	0.79	1.34	0.14
POU2F2	129.17	163.52	250.56	270.88	286.27	217.29	374.63	551.19	1.79	0.10	1.83	0.14	1.72	0.10	1.74	0.20
PPARG	16.67	25.82	34.80	20.84	6.36	28.50	6.46	3.42	1.30	0.52	-2.87	0.37	-1.54	0.67	-5.74	0.05
PPBP	12.50	8.61	257.52	916.83	57.25	170.99	27.99	366.32	46.85	0.08	1.02	0.99	9.51	0.12	-4.79	0.42
PRDM1	262.52	275.40	320.16	427.16	855.62	1168.40	1132.49	1057.87	1.38	0.26	1.09	0.66	3.71	0.07	2.97	0.07
PRF1	6808.74	3416.63	4976.35	2615.05	15964.06	12841.76	13305.70	15388.71	-1.34	0.60	-1.00	1.00	2.97	0.17	3.97	0.13
PRKCD	154.18	129.09	612.47	293.30	197.20	260.04	243.29	352.62	4.72	0.01	1.29	0.39	1.60	0.12	-2.28	0.10
PSMB10	925.06	981.10	542.87	656.37	1008.29	1407.07	1005.46	1451.57	-1.59	0.10	1.01	0.96	1.25	0.40	2.03	0.11
PSMB5	4.17	8.61	6.96	10.42	19.08	17.12	21.53	20.54	1.42	0.51	1.80	0.44	1.95	0.40	2.46	0.14
PSMB9	1375.08	1239.28	1287.59	1375.25	1841.64	1902.22	1795.62	2389.61	1.02	0.79	1.11	0.61	1.43	0.07	1.56	0.18
PSMC2	412.52	481.94	709.91	625.11	502.55	669.70	495.20	564.88	1.49	0.06	-1.09	0.64	1.30	0.28	-1.26	0.13
PSMD7	537.53	800.37	1155.35	979.34	753.83	748.06	574.86	886.69	1.62	0.21	-1.05	0.85	1.15	0.62	-1.49	0.29
PTAFR	20.83	34.42	104.40	72.93	12.72	17.81	112.98	3.25	0.07	0.21	3.27	0.38	-1.78	0.21	-1.77	0.62
PTGER4	375.02	636.85	194.88	239.63	741.11	1464.07	1057.14	1280.40	-2.27	0.16	1.12	0.80	2.13	0.23	5.39	0.01
PTGS2	12.50	25.82	20.88	656.37	3.18	14.25	2.15	195.14	6.50	0.47	3.05	0.71	-2.68	0.40	-5.70	0.61
PTK2	108.34	111.88	180.96	354.23	44.53	17.81	6.46	126.67	2.30	0.24	1.01	0.99	-3.92	0.21	-8.88	0.37
PTPN2	1170.90	981.10	647.27	343.81	626.60	644.76	589.93	698.40	-2.27	0.21	1.01	0.93	-1.68	0.10	1.36	0.50
PTPN22	2633.49	2469.96	1064.87	802.23	1577.64	1399.95	1311.19	1441.30	-2.75	0.08	-1.08	0.42	-1.72	0.03	1.48	0.19
PTPN6	591.70	843.40	869.99	875.16	852.43	1382.14	704.04	1407.07	1.23	0.44	-1.09	0.86	1.54	0.30	1.14	0.77
PTPRC	7604.62	7048.42	4412.59	2500.45	7961.35	8114.71	8076.00	6573.15	-2.20	0.21	-1.10	0.51	1.09	0.23	2.19	0.19
RAG1	8.33	51.64	6.96	10.42	9.54	28.50	2.15	13.69	-2.43	0.50	-3.03	0.43	-1.26	0.85	-1.57	0.71
RAG2	20.83	34.42	6.96	10.42	15.90	14.25	15.07	6.85	-3.14	0.08	-1.48	0.50	-1.78	0.25	1.19	0.74
RARRES3	1495.92	1376.98	438.48	333.39	1320.00	1360.76	908.58	1331.75	-3.76	0.05	-1.21	0.49	-1.07	0.32	2.87	0.06
RORC	4.17	43.03	27.84	10.42	9.54	17.81	2.15	6.85	1.27	0.87	-3.39	0.24	-1.03	0.99	-4.44	0.19
RUNX1	391.69	387.28	264.48	395.90	308.53	527.21	366.01	304.69	-1.21	0.53	-1.21	0.61	1.04	0.92	1.04	0.90
SELL	183.34	137.70	2018.38	1479.43	225.83	78.37	219.61	475.87	10.85	0.01	2.43	0.32	-1.20	0.80	-5.35	0.11
SELPLG	45.84	34.42	27.84	31.26	104.96	49.87	40.91	71.89	-1.35	0.26	1.83	0.33	1.84	0.33	1.84	0.27
SERPIN1	4.17	8.61	48.72	93.77	15.90	199.48	8.61	23.96	11.31	0.04	-3.92	0.47	9.38	0.31	-4.69	0.15
SH2D1A	2425.15	1772.86	549.83	427.16	1084.63	562.83	977.47	1177.69	-4.29	0.02	1.38	0.51	-2.66	0.16	2.22	0.04
SIGIRR	1420.92	1222.07	584.63	760.55	1160.96	748.06	798.77	1078.41	-1.97	0.07	-1.01	0.99	-1.41	0.34	1.39	0.24
SKI	366.69	645.46	528.95	593.86	400.77	530.77	421.99	592.27	1.15	0.70	1.09	0.75	-1.06	0.89	-1.12	0.62
SLAMF1	12.50	8.61	41.76	41.67	6.36	3.56	4.31	10.27	4.03	0.08	1.39	0.59	-2.17	0.17	-6.28	0.15
SLAMF7	3308.53	2590.44	1955.74	2146.22	2948.53	3501.65	2503.97	3700.82	-1.42	0.18	-1.06	0.83	1.09	0.60	1.48	0.28
SMAD3	1404.25	1136.01	890.87	625.11	1202.31	1086.47	1476.98	1639.86	-1.69	0.15	1.37	0.05	-1.10	0.51	2.08	0.13
SMAD5	358.35	327.03	389.76	197.95	254.46	242.23	213.15	308.12	-1.23	0.65	1.04	0.89	-1.38	0.05	-1.09	0.86
SOC3	487.53	611.03	389.76	1302.32	57.25	192.36	124.88	225.95	1.30	0.74	1.60	0.58	-5.21	0.21	-4.23	0.21
SOC33	37.50	34.42	146.16	698.04	6.36	96.18	12.92	178.02	8.88	0.22	1.95	0.76	-1.45	0.83	-6.68	0.36
SPP1	20.83	25.82	320.16	510.51	63.61	292.10	167.94	116.40	17.39	0.02	1.03	0.98	5.90	0.25	-2.89	0.08
SRC	12.50	51.64	334.08	385.49	9.54	14.25	10.27	14.12	14.12	0.16	-1.43	0.36	-2.17	0.46	-44.02	0.03
STAT1	325.02	611.03	981.35	2552.54	521.64	1959.22	688.97	2256.10	3.56	0.18	1.23	0.84	2.27	0.42	-1.27	0.78
STAT2	737.54	654.07	661.19	645.95	696.58	801.50	596.39	756.60	-1.06	0.49	-1.11	0.54	1.08	0.51	1.03	0.86
STAT4	1425.09	1480.25	626.39	427.16	1173.69	1300.21	1530.80	1485.81	-2.81	0.11	1.22	0.14	-1.17	0.16	2.91	0.11
STAT5A	416.69	223.76	424.56	635.53	378.51	470.21	503.81	773.71	1.71	0.31	1.48	0.29	1.39	0.48	1.21	0.60
STAT5B	937.56	886.43	570.71	562.60	709.30	1136.34	940.87	842.19	-1.61	0.03	-1.01	0.98	-1.01	0.96	1.57	0.07
SYK	654.21	456.12	549.83	354.23	470.75	89.06	176.55	376.59	-1.24	0.53	1.26	0.83	-2.68	0.44	-1.72	0.37
TAGAP	2387.64	3304.75	779.51	2510.87	4233.55	4652.25	5106.98	7090.10	-2.01	0.44	1.36	0.30	1.58	0.20	4.29	0.22
TAL1	4.17	25.82	13.92	10.42	6.36	3.56	6.46	3.42	1.16	0.90	-1.01	0.98	-2.17	0.55	-2.57	0.17
TAP1	316.69	215.15	285.36	385.49	448.48	662.57	516.73	664.16	1.27	0.44	1.07	0.79	2.08	0.12	1.77	0.10
TAP2	191.68	120.49	222.72	229.21	260.82	270.73	279.89	325.23	1.48	0.34	1.13	0.33	1.75	0.25	1.34	0.15
TAPBP	2208.47	1996.62	2018.38	2208.73	3126.65	3384.10	2973.33	5337.26	1.01	0.94	1.22	0.61	1.55	0.02	1.89	0.27
TBK1	304.18	232.37	292.32	312.56	279.90	341.97</										

Gene_Name	CD56bright				CD56dim				CD56bright: Perfusate vs PBMC		CD56dim: Perfusate vs. PBMC		Liver: CD56bright vs. CD56 dim		PBMC: CD56bright vs. CD56dim	
	Perfusate 1	Perfusate 2	PBMC 1	PBMC 2	Perfusate 1	Perfusate 2	PBMC 1	PBMC 2	FoldChange	p-value	FoldChange	p-value	FoldChange	p-value	FoldChange	p-value
TLR1	750.04	688.49	494.15	573.02	562.99	466.65	424.15	643.62	-1.35	0.1	1.02	0.94	-1.4	0.13	-1.02	0.95
TLR2	12.5	25.82	229.68	510.51	34.99	85.49	17.22	212.26	19.03	0.03	1.1	0.95	3.05	0.2	-5.66	0.39
TLR3	16.67	17.21	6.96	41.67	34.99	35.62	43.06	54.78	1.01	1	1.38	0.23	2.08	0	2.85	0.45
TLR4	4.17	68.85	34.8	31.26	12.72	14.25	10.77	13.69	1.95	0.72	-1.11	0.54	-1.26	0.9	-2.71	0.04
TLR5	4.17	8.61	20.88	20.84	9.54	7.12	15.07	10.27	3.48	0.18	1.51	0.24	1.38	0.54	-1.68	0.23
TLR7	4.17	25.82	6.96	10.42	3.18	7.12	4.31	10.27	-1.22	0.86	1.39	0.63	-2.17	0.55	-1.28	0.68
TLR8	4.17	43.03	13.92	20.84	6.36	17.81	4.31	3.42	1.27	0.87	-2.77	0.29	-1.26	0.88	-4.44	0.04
TLR9	20.83	25.82	27.84	62.51	22.27	21.37	21.53	23.96	1.8	0.37	1.04	0.59	-1.06	0.67	-1.84	0.37
TMEM173	58.34	8.61	97.44	145.86	238.55	195.92	282.05	239.65	5.31	0.32	1.21	0.29	9.65	0.25	2.17	0.12
TNF	175.01	860.61	793.43	2156.64	314.89	840.68	391.85	941.47	3.36	0.35	1.18	0.82	1.33	0.8	-2.16	0.37
TNFAIP3	1854.28	2676.5	2067.1	3073.47	4131.76	8004.28	5509.59	5946.65	1.13	0.69	-1.01	0.99	2.58	0.16	2.27	0.14
TNFAIP6	12.5	17.21	27.84	83.35	12.72	7.12	2.15	20.54	3.29	0.26	-1.43	0.8	-1.54	0.35	-7.26	0.3
TNFRSF10C	12.5	17.21	55.68	10.42	3.18	7.12	4.31	10.27	1.65	0.86	1.39	0.63	-3.07	0.18	-3.63	0.34
TNFRSF11A	50	17.21	250.56	260.46	6.36	3.56	10.77	27.39	8.69	0.15	3.61	0.17	-6.15	0.13	-14.83	0.11
TNFRSF13B	4.17	34.42	6.96	10.42	3.18	17.81	6.46	10.27	-1.4	0.8	1.08	0.94	-1.59	0.77	-1.04	0.9
TNFRSF13C	25	43.03	13.92	31.26	47.71	106.87	193.77	13.69	-1.57	0.46	-1.39	0.85	2.17	0.27	2.46	0.62
TNFRSF14	458.36	352.85	348	395.9	562.99	719.57	732.03	910.66	-1.09	0.65	1.28	0.27	1.58	0.13	2.2	0.04
TNFRSF17	4.17	34.42	20.88	20.84	6.36	10.69	2.15	10.27	1.74	0.69	-1.75	0.6	-1.45	0.78	-4.44	0.31
TNFRSF1B	325.02	232.37	633.35	677.2	779.28	936.86	798.77	849.03	2.38	0.11	-1.04	0.76	3.12	0.05	1.26	0.04
TNFRSF4	8.33	34.42	612.47	635.53	44.53	199.48	241.14	325.23	36.76	0.12	2.97	0.38	5.58	0.24	-2.23	0.11
TNFRSF8	20.83	51.64	62.64	10.42	12.72	10.69	8.61	6.85	-1.28	0.83	-1.52	0.11	-2.81	0.25	-3.32	0.41
TNFRSF9	137.51	146.3	215.76	239.63	534.36	1189.78	1868.83	1735.72	1.6	0.03	2.27	0.29	5.62	0.14	7.94	0
TNFSF10	516.7	611.03	403.68	781.39	279.9	220.86	269.13	492.99	-1	1	1.46	0.41	-2.27	0.04	-1.54	0.44
TNFSF11	25	8.61	83.52	62.51	34.99	7.12	4.31	17.12	4.92	0.19	-1.84	0.62	1.08	0.95	-8.4	0.19
TNFSF12	508.36	542.19	201.84	197.95	521.64	463.09	411.23	407.4	-2.62	0.01	-1.2	0.2	-1.07	0.46	2.04	0
TNFSF13B	29.17	60.24	132.24	52.09	41.35	10.69	30.14	27.39	1.99	0.37	1.37	0.72	-2	0.49	-2.89	0.26
TNFSF15	8.33	8.61	174	375.07	25.45	24.94	8.61	85.59	30.06	0.07	1.08	0.96	2.97	0	-9.38	0.28
TNFSF8	4.17	25.82	6.96	20.84	3.18	7.12	2.15	3.42	1.16	0.9	-1.75	0.38	-2.17	0.55	-4.44	0.19
TOLLIP	325.02	275.4	361.92	448	356.24	370.47	366.01	393.7	1.35	0.17	1.04	0.43	1.21	0.24	-1.06	0.68
TRAF1	425.03	473.34	2171.5	3010.96	1230.94	1741.92	2284.36	1941.13	5.7	0.04	1.43	0.25	3.27	0.07	-1.21	0.43
TRAF4	83.34	111.88	167.04	520.93	47.71	53.43	49.52	82.16	3.05	0.29	1.27	0.52	-1.92	0.11	-4.63	0.19
TRAF5	404.19	421.7	508.07	333.39	136.77	128.24	180.85	157.48	-1	0.99	1.27	0.13	-3.12	0	-2.45	0.12
TYK2	620.87	524.97	354.96	354.23	515.28	445.28	488.74	561.46	-1.61	0.11	1.09	0.47	-1.19	0.26	1.47	0.11
VCAM1	50	94.67	20.88	52.09	25.45	163.86	163.63	17.12	-2.08	0.33	-1.22	0.9	-1.06	0.96	1.6	0.75
VTN	12.5	43.03	20.88	41.67	9.54	17.81	6.46	6.85	1.27	0.77	-1.96	0.27	-1.78	0.52	-4.44	0.14
XPB1	316.69	395.88	424.56	427.16	238.55	224.42	200.23	427.94	1.21	0.35	1.27	0.65	-1.53	0.14	-1.45	0.5
XCL1	208.35	524.97	229.68	375.07	82.7	103.3	131.33	198.56	-1.13	0.85	1.74	0.18	-3.58	0.21	-1.82	0.21
XCR1	12.5	43.03	20.88	10.42	25.45	7.12	10.77	10.27	-1.57	0.6	-1.28	0.76	-1.72	0.6	-1.4	0.51
ZAP70	1770.94	1075.77	800.39	885.58	1797.11	1342.95	1100.2	1927.44	-1.64	0.29	-1.06	0.86	1.13	0.73	1.73	0.29

Supplementary Table 1