Cytokines afika?

Total

16.7

14.2

8.41

3E+6

.3E+6

Ly+Mon

12.2

9.6

12,6

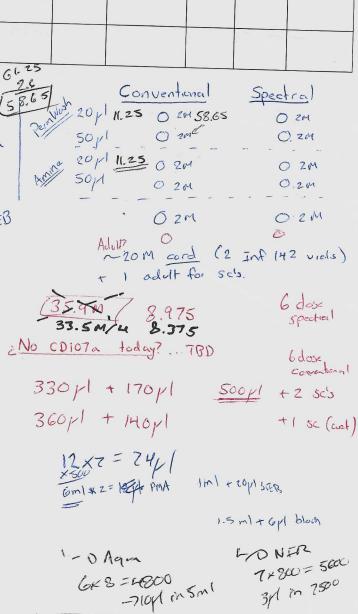
Ly

8.35 SHE

7.37

8.41

	April 7 th , 20	023																										
caux>	Specimen	Status	Location	Conc	Date	Tasks	Volume																					
	INFM2	STEE	(2)	<6.75 >			2																					
90 KZ	Inf 142	576F	(3)			clumps	2																					
uso gy	NY062	Adult	0	20E6	08/12/21	dump	1																					
								-																				
							11																					
_																												
	*			-7		.e. 1 (E)	1 . FI																					
con	pulled 10: 1 1020 m for count		. (A)				G1. 25 9.65 58.65	No																				
	ncubation			1 . 4	1 6	1 0	R Perm																					
	Ve 3	Spec	hal co	TOP 1 i	n cubour	er valor y	Yearly .	2																				
Aliquet spins@6:21pm 6:41pm L/p 7:06pm L/ospin + scaliquetspin CStashed > @7:26pm conv & ses Spectral 37°c @ 7:30 => 8:00pm Hot seis @ 7:58 pm = Spin@8:01pm																												
															The second of th													
															G	conventional	e 8:20	jan ->	8.50	mp.	~ /	<i>J</i> •						
															Co	enventional	20%	e 8:251	m ->	B:45	الدارد الدارد		2					
																<u>`</u>	> 01	echal C	2015	56			-					
															5	c's Fix P	Zoned	200 W	^()	20	:26pm		1					
		\mathcal{L}_2	(:07 m	- 1	9 120	7 ()																						
			9 170 00	30																								
	Sc FixPe	m12	spectral 1	Final F	350 2	(-36 pm	Nha																					
						'	A65																					



20.5

- 1.5 NICEZO

- 1-2 Va.7

16.3 P/ 1835

7.2

973

20.5 50 pl Pembosh Amme
- 9.25pl Abs + 9.25pl
11.25 pl Permwast
Final se Pembroish @ 9:53pm
Simples FixPern @ 9:56pm = 06->16pm
¿CDSG/ccr7 surtched? adding BV650 ccr7 sphe
to supposedly cost 7 to be , chell
Sc spille intras @ 10:16 pm -7 56 pm
Sample 1st pen worsh @ 10:19 pm
Sample 1st pen worsh @ 10:19 pm 2ud @ 10:29 pm
Yes all ILIS @ 0.3/
Yes all ILIS @ 0.31
Intraceller samples @ 11:06 pm
Donne 12:05 am

LSR sample = 3:18 (post sc ace

33.5 M. W 8.375

April 7th, 2023 Saturday, April 8th Cytokines afika? LSR-II remains bleach @ 12:19pm Aurora on@ 12:22pm running water 12:28 pm funning water @ 12:34 runing contrad before 12:38 pm G some pal in weder, new tobe @ 38 pm runing water @ 1224/ pm Qc @ 12:42 pm Qc's done @ 12:47 pm Start Acrora @ 01:33 pm (Scs out of ordu) ses done c 2:34 pm Myour Fuell's (record) (35pl) only 646,000 events Sample @ 2 yopn 730 LSR sample e 3:18 pm today 300 555 39 - 38 Acquired 5 minutes on LSR (eighty 2 million cells) 520 610 Violetis off toda, ~ \$40pl volume 0.4%, PEA (~70pl total) 525 (Foxing?) 4 15 acqued on Spectral (some final 520 540 640 a error on volume) Direct companson lettoress. 650 580

Initial Unnixa

8, 19, 161, 45RA, 56, 4024, 16, Va7.2

50 52

#	Detector	Fluorochrome	Marker	Clone	L/D 15 min (RT)	Surface 20 min @4C	6	Intracellular 40min @RT	1
1	V450	BV421	PD1			2	12		
2	V525	BV510	L/D Aqua		<1:500>				
3	V670	BV650	CD27			1.5	9		
4	B530	Alexa 488	Vδ2			1.2	7.2		
5	B710	PerCPeF710	CD3			1	6		
6	Y590	PE	CD56			0.5	3		
	Y615	PE-Dazale				0.5			
7	Y780	PE-Vio770	IFNγ	< Deor	lo			0.6	
8	R670	Alexa 647	TNFα					0.6	0.6
9	R780	APC-Fire750	CD45RO			2	12	2	2
			y Total	8.2	49.2	2.6	2.0		
					PBS	12.3	73.8	2.6	2.6
		Pipp	oette draw v	olume /		19.5	73.8	17.9 19.5	17.9

Spectral curry

PDI standin for Pevazzo

AF647 CO3

ISP-II instanted cells in it

16% 8% 8%.

4% 4% 4%

BU4 21

BV5101

BUGSO streamers V

Fite sticouress of

PEV

14% 60%

1%

AF/

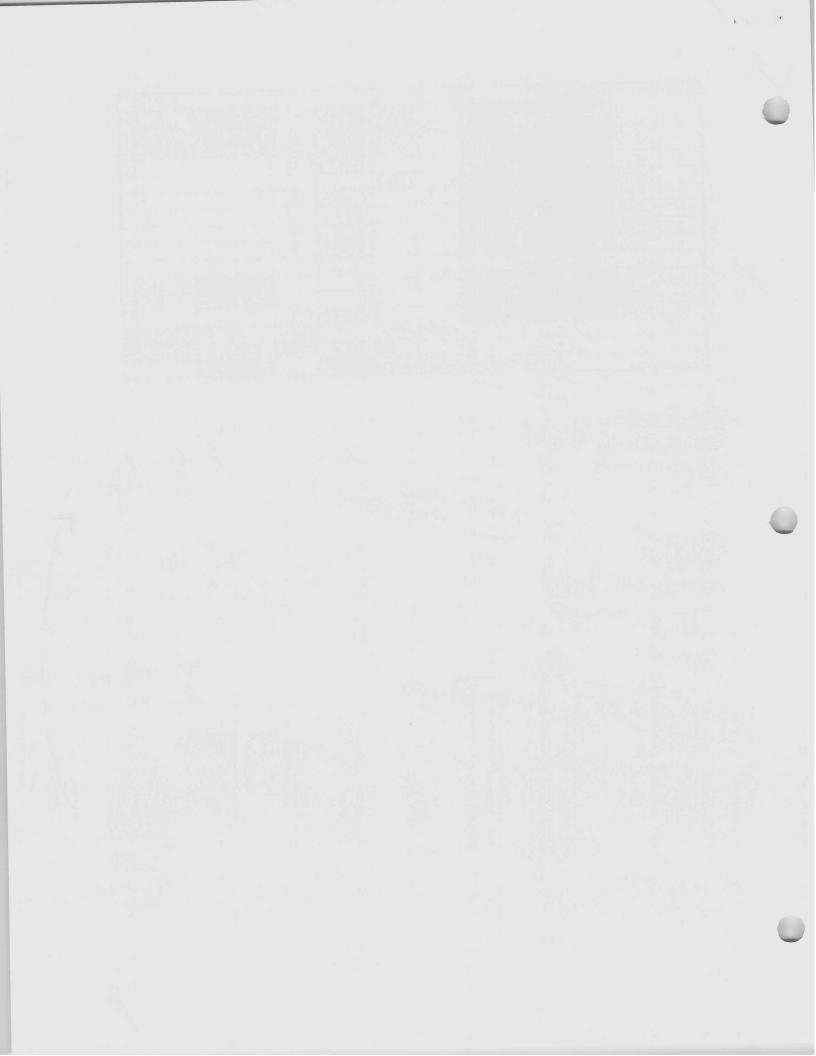
Swapped POI for HEX-DR HH-SUFF3

5%, 5% 4%,

PDI compi

Zombe

10%



oril 7t	
h, 20	
2023	
1	

_	The state of the s	The state of the s		1	-												
1425	55.75			(59.5 /		66	Pippette draw volume /sample	Pippette draw		19.5	ne /sample	Pippette draw volume /sample					
\ 8	50		300	50.0	300	50	Brilliant Stain	Brillia	87	14.5		R10 Media				NTROLS (II)	And UNSTAINED CONTROLS !!!
8.75	8.75 8		75.0	12.5	114	19.0	Antibody Total	Antibo	36	6.0		Antibody Total					
					9.6	1.6						нп2	CD38	APC/FIRE 810			
					12	2						U323	504)	ADC IF COLOR			29 R8
					Borren			<1:2500>				7/4	CROT	APC/Fire 750			28 R7
									30	0.0		N/A	U/D	Zombie NIR			
	<0.25>			<1.2>			<d 1<="" td=""><td></td><td>20</td><td>60</td><td></td><td>H4A3</td><td>CD107a</td><td>APC-R700</td><td></td><td></td><td></td></d>		20	60		H4A3	CD107a	APC-R700			
			4.2	0.7			Flago		200000			3C10	Va7.2/hMR1	AlexaFluor647			
0.5			9.0	1.5								3G8	CD16	APC			
2.5												PD1.3.1.3	PD1	PE-vio770			
0.5	0.5				7.2	1.2				1		MAb11	TNFa	PerCP-Cy5.5			
					7.2	1.2						M-A251	CD25	PE-Cy5			
0.5	0.5				9	1.5				1		M-A261	CD26	PE-CF594			
0.5	0.5		7.2	1.2								1011	NKG2D	PE			
	<0.25>			<1.5>			<001/C>					SK7	CD3	Spark blue 550			1
					9	7.5	ZE /100					6811	Va24/hcD1d	FITC/AF488	100		
1.5	1.5											11A9	CCR6	BV786			
					0	-						827	IFNY	BV750			
1.0	1				0							M-T701	CD7	BV711			
					6	T.0						G043H7	CCR7	BV650			
					,					1		5.1H11	CD56	BV605			
			4.2	0.7					Ī								
					12	2						HI100	CD45RA	87510			11 V7
			12.0	2.0						1		HP-3G10	CD161	BV480			10 VS
			12.0	2.0								\$J25C1	CD19	Pacific Blue			V3
	500				9	1.5						MSF2	CD14	Pacific Blue			9 V3
0.5	0.5				9	1.5						A019D5	CD127	BV421	F100*		
			7.8	1.3					T	t		SK3	CD4	BUV805			7 UV16
0.3	0.25		4.2	0.7								1C6/CXCR3	CXCR3	BUV737	Maria de la companya		6 U14
					12	2.0			1			86	V82	BUV661			5 UV11
1.0	1		3.0	0.5								161	CCR4	BUV615			1
			4.2	0.7	100000					1		FN50	CD69	BUV563			
									1			RPA-T8	CD8	BUV496			
			1.2	1.2					1				AF-UV6	AF			
		1 1001 61111										SK11	CD62L	BUV395			7 002
1	Spiked 30 min @RT	RBC Lyse,	6	ColdStain 30min @4C	7°C 6	HotStain 30min @37C	Tetramer 40 min @ RT	L/D 15 min (RT)	6	During stim!!!	Vial Lot#	Clone	Marker	Fluorochrome	name	Filter Single color (uI) Ref ctrl	
				A STANDARD TO STANDARD OF			The second secon			The Control of the Control							

Simplified Protocol

Cap and incubate at 37*C for 6 hours Collect, count, aliquot cells 2-3.0E+6 Cells R10 / 5ml polystyrene tube Bring volume upto 1 ml R10, add 2 ul PMA/Ctrl and CD107a Thaw cells, DNAse, count.

Wash with 2 ml PBS, spin down 1300rpm 8min 800 ul of LiveDead mix (1:2500) @RT for 15min Wash 2 ml 5% PBS.FBS, spin 1300 rpm, 8min Add HotStain mix, incubate @37C for 30 min

Add Tetramers, incubate @RT for 10 min Wash 2 ml 5% PBS-FBS 1400 rpm, 6 min

Wash 2 ml 5% PBS-FBS 1400 rpm, 6 min

Add ColdStain mix, incubate @ 4C for 30min Add 300-500 ul 1x RBC Lysis for 3 minutes Wash 2 ml 5% PBS-FBS 1400 rpm, 6min

300 ul BD FixPerm, incubate @ 4C for 20min

First PermWash: Second Perm Wash: 1 ml PermWash 1500 rpm 6 min 1 ml PermWash 1500 rpm 6 min (vortex every 10 minutes)

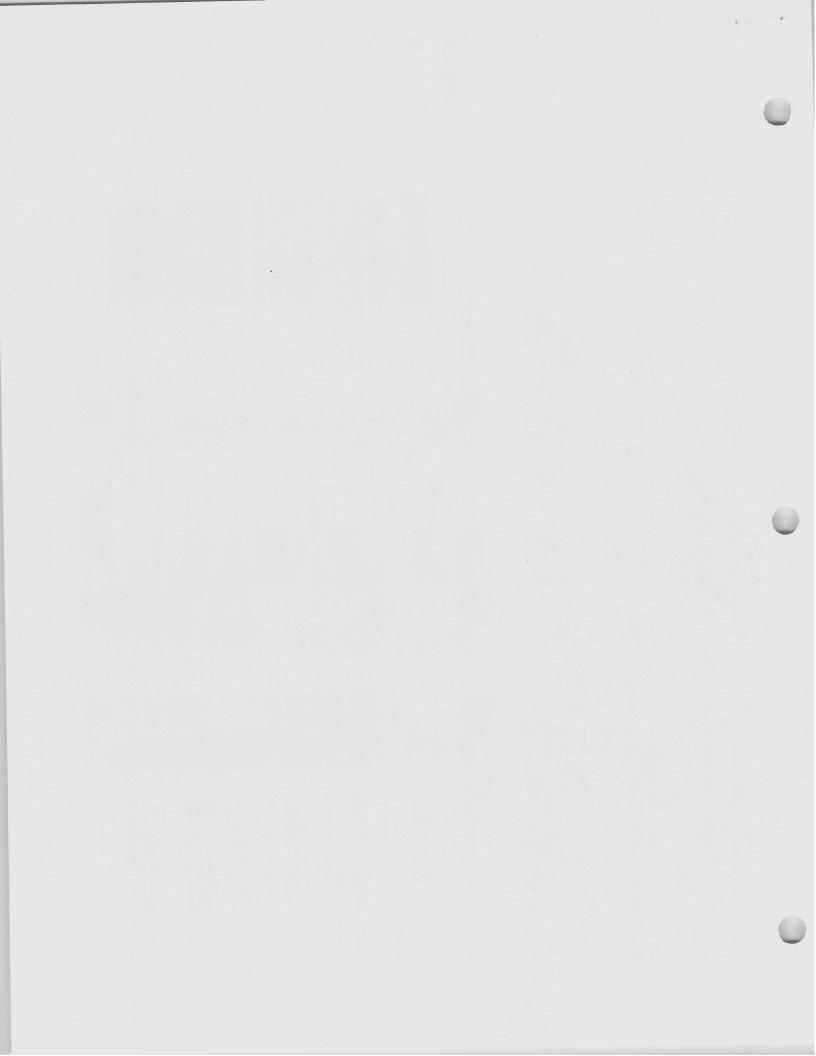
Add Intracellular Stain, incubate @ RT for 40min First PermWash: 2 ml PermWash 15 2 ml PermWash 1500 rpm 6 min

Cap tubes, wrap rack in foil, store at 4°C Resuspend in 70 ul 0.4% PFA-PBS

Spires 1 Tu N 5/2500

colota > Adult spectral by PMA Cold PMA stim > Zembie NER JEH thes cod SEB from cord conventional

70/1 a dose * Smiller



ILT & NK SFC Panel

															_	_				-					
	812	maken 187.	760		738								д од 1	582	542	525	514	508	4/3	458	443	428	388	373	opectrum
	UV16	UV15		UV14		UV13	V	 		UV11	UV10		C < 9		8VU		UV7		DV6	UV5	UV4	UV3	UV2	LV1	Ī
	BUV805			BUV737						BUV661	BUV615		DOVOG	DINEGO			BUV496		AF				BUV395		V
1	3			<u> </u>					:	<u>ن</u>	డ్		<u>_</u>	<u> </u>			[2]						[2]	-	
	CD4			CXCR3					2	Vd2	CCR4		CD69				CD8						CD62L		
	V16	2		< ₁₄		V13	V12		-	X X X X X X X X X X	V10	6	8	<	i i	6		V 5	\$	V 3	√ 2	<u> </u>		1	
	DV / 86	DV706		BV750	1	BV711				BV650	BV605		BV570	DICAG				BV480		PacBlue		BV421			Violet
	[3]	3		[2.5]		4			[0.0]	3	교			[7.5]	!			<u></u>		3		<u> </u>		1	
	CCR6		:	FI N		CD7			מכאי	CCB7	CD56			CD45RA				CD161		CD14/19		CD127			
B14	B13	812		0	0 0	R 10	В9	B8	B7	Ţ	B	B5	B4	B3	ū	3		В1						\dagger	1
	Pe-Vio770						PerCP-Cy5.5	PE-Cy5			PF-CF594		PE	SparkBlue 550	FII C/AF488	EITC/AE 400								U.S.C	Rlip
	3						2	[4.5]		3	2		<u> </u>	Ξ	[1.5]	:								1	1
	PD1					2	TNFa	CD25		0770	CDse		NKG2D	CD3	[1.5] Va24/hCD1d										
R8	R7	R ₆		R5	7.4	2	20	R2	R 2																1
APC-Fire 810	APC-Fire 750	Zombie NIR			ATC-K/OO			AF647	APC															Rea	2020111
<u> </u>	[2]	Ξ			<u></u>			3.5	[3.5]																1
CD38	CD27	5			CD107a		!	Va7.2/hMR1	CD16																
											-		-						-						1

4/7/2023

Leftouer conventional annixing:

Full Stain Conv Perm 60

BV421 unich spor (snappy in co3)

Haoting brends Br421

acome col27

Spectral

- Zambia off those

+ CR1

- UPI Cord OD 2

- 2069

Speaked Salvage

CO3 gate set on NY062/SEB

CO107a & Zombre are off in fell stain

> Signature is off for Cord PMA conditions

Lineage + CD3, COEZE

COELL hi vde CXERS CCR7 IFNY

Park Stranking

All other cord zombres are cord drt (only ILT_01 was a PMA

a PMA NXOG2 dodn't get peoperly stimulated 7/ plateau a CD107a Split

1 Cord Zombre PM+ weather?

Let's replace of ILI_OG's/

Vd2, Zanbiz, com

(M)

CXCR3 - Zombre - ED 107a 27 on Zombie but healthy & WZ IFNS Live cD3 Running a PacMAP. · Admixtures wy NKS by 20 goating" TNFA issue IFNS+

