Fresh-thawed PBMCs Spectral Panel Optimization #2

	Specimen	Status	Location	Conc	Data	Tasks	Monocytes											
)				Conc	Date	Tasks	Volume	Ly	Ly+Mon	Total	2E+6	1.5E+6						
												102.0						
												j						
					1													
												7						
L																		
	_																	

Aurora UV - they've fixed the W3 detector! nice

CD18-CD86

FSC-60 2011 events unstanced

Setting width is a rulable under instrument control and to height.

CD3 & CD 20 (most cD 20 snewed)

CCES by CD80 / HLA-DR-88

Doublets hide above 3.0M

Time -> NDOSO monogles royderun

My samples 0020 unmixing was body screwed -105 > 104

HooTinss 10-4 -> 104 not great spot?

my HLA-DR unniking us cozo is especially poor ...

May be a color higher exp than colq basquel contain minor in cord.

pDC= ~3.5%" NDOSO, 0.96% Inf212

cDc1/2 no marthers to delneak CDIIc+ CD14/4/- Odic +-

CD88 un macing btiff, NDOSO (imp for no ai Hon)

MOGO MA COURT THE SE

Colle
Notas easy delreak.

1.7%

4 1.8 % 16 ) 1.8 % Had MSS worse

CDEIle is a poor definer for manages

policis in adult - monocyte CD88 \$ 14/16 negative

CCR3 - pBMCs CCR5+ cbmcs

		And UN		!	22	21	20	19		18		17	16		15	14	13		12		ļ	=   =	3 4	,	1	7	6	5			1	1	.1	ω	1	١	1	1.	.
		STAINE		ē	R .	R7	R6	R4	8	R2	R1	B13	B10	В9	B8	B6	B4	В3	B2	B1	- 1	V14	- 1	- 1	V10	<b>√</b> 8	5		٧3	٧2	5 5			-	1	2 UV9	UV7	1 UV2	1
		And UNSTAINED CONTROLS !!!		TE:	L.		1:2500	P		E.	E	131	13		1.25	1.25	1 96 1		1.75		FIRE	1.25	1.38	1.25		1.25	100	1.25				1.25		1.25	0		7	2 1.25	or (ul)
		H		Cells		Colls	Cell	Cells		Oals.	Cells	Cells	Cells		Cell	Cells	Cells	Cells	Cells	Start	Cells	S S	Cells	Cells		Certs	Calls	SHAO				Cells		Cells		Cells		Q III	4
Pipp																1	= (		39	14	1	n.	4	٥															Unmixing Ref ctrl type ctrl name
Pippette draw volume/sample	PBS	Antibody Total	True Stain FcX	APC/Fire 810	chine 200	APC/Fire 750	Zombie NIR	APC-R700	Spark NIR 685	Alexa Fluor 647	APC	PE-Vio770	PerCP-Cy5.5	BS 700 better	PE-CV2	DE-Dazzlocov	spark blue 550	EL LI	BB515 / VidBrightB5.1	8V786	BV750	BV711	BV650	BV605	dFluor 610 bester	BV570	BV510 (dim)	RV480	David 100	Super Bright 436	BV421	BUV805	BUV737	BUV661	STBANB	BUV563	96tANB	BUV395	Fluorochrome
				CD38	CD64	Long Long	1/0	CD40	cke 3/3	CD163	(NEASOS)	HI A-DR	CD123	98(1)	CD3	CD88		CD11b	Sp.		CCR5	CD80 /	CD11c	CD56	CDTO **	CD20	CD11a					CD14		CX3CR1	CCKZ	CCBO	OTO		Marker
				(ніт2)	(10.1)		(363)			(GHI/61)	(NEMOUS)	(BENODE)	(763)	(IT2.2)	1	(S5/1)	h		i	>	(2D7)	(L307.4)	(B-lv6)	/S 1H11)	(368)	(2H7)	(HI111)					(M5E2)	1	(249-1)	(18132.109)		(6./)		
								-					- -	<u> </u>	-	-	-	J;	<i>v</i> .	-		_	_	1		ļ -		<u> </u>	_									VIAI Lot#	Visil o+ #
	-	1000				<1:2500>					_		ļ.		ļ		_																					3ul/rxn	blocker
50	13	0.0		1.0	1		1.0					2		0.5		0.6					1.5	15				0.8							-		0.8		0.8	30min	w
50	13		0.5	ь	ь		1					2		0.5		0.6					1.5	7				0.8							-		0.8		0.8		for 1
50	8.5	0.5							1:0	10	0.5				0.6			0.8				1.0	1.0		1.5		0.6				1.0							4oC for 30min	
50	8.5	0.5							1		0.5				0.6	23	0.0					1	1		1.5		0.6											Omin	

Notes: TrueStain Fcx (Biolegend 422301) final 0.1ug/ml for 24hr
InvivoGen tirl-Spelps LPS stock 5mg/ml, 10ul; take one aliquot out and add 490ul R10 to make 100ug/ml working solution Wash with 2mM EDTA

Should you add non
able controls
or leave
just smaller
cone to Robon?

Simplified Protocol

Wash with 1ml PBS, 1300rpm, 8min Aliquot cells 1.2E+6 cells/tube

2500x diluted Zombie NIR, 1E+6/1ml + 3ul Fc blocker at RT for 15min &

Wash with 2ml 2%FBS-PBS-2mM EDTA

Spin at 1300rpm for 8min

Wash with 2ml 2%FBS-PBS-2mM EDTA

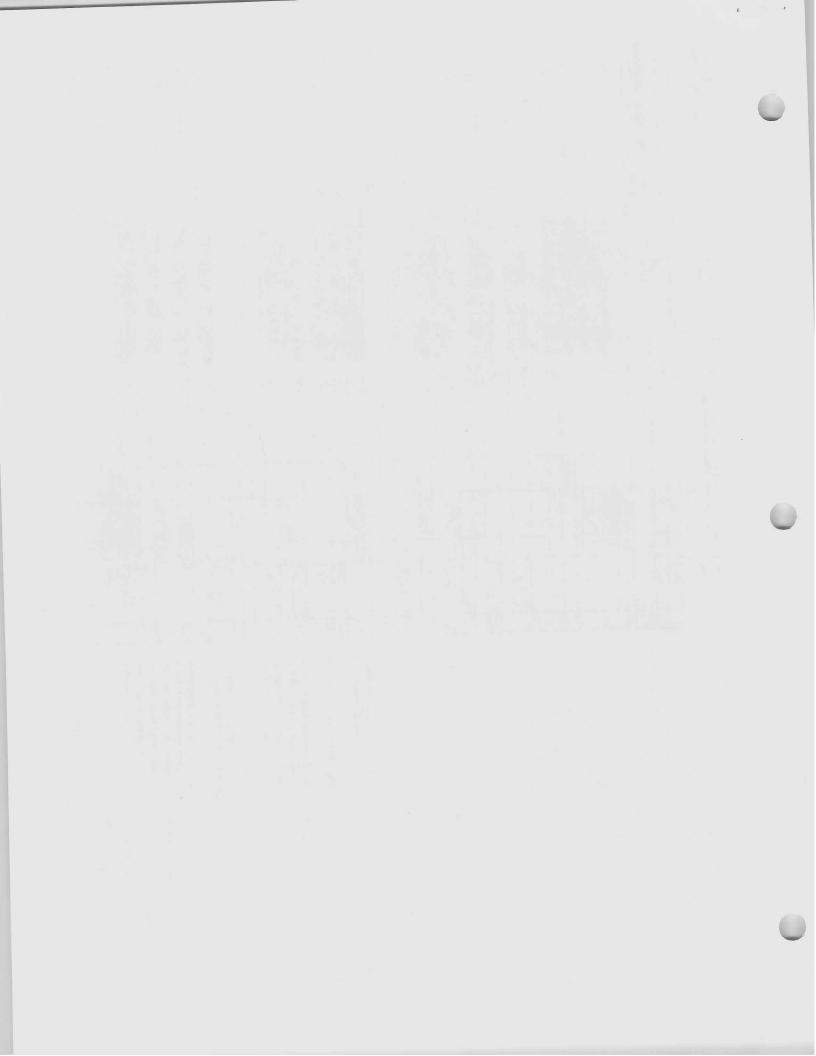
Remove RBC with 1ml lysing solution for 3min x ul of 37oC Ab mix, at 37oC for 30min

Spin at 1300rpm for 8min

Treat with 600ul of 1x Lysing solution at RT for 3min xul of 4oC Ab mix, at 4oC for 30min

Wash with 2ml 2%FBS-PBS-2mM EDTA

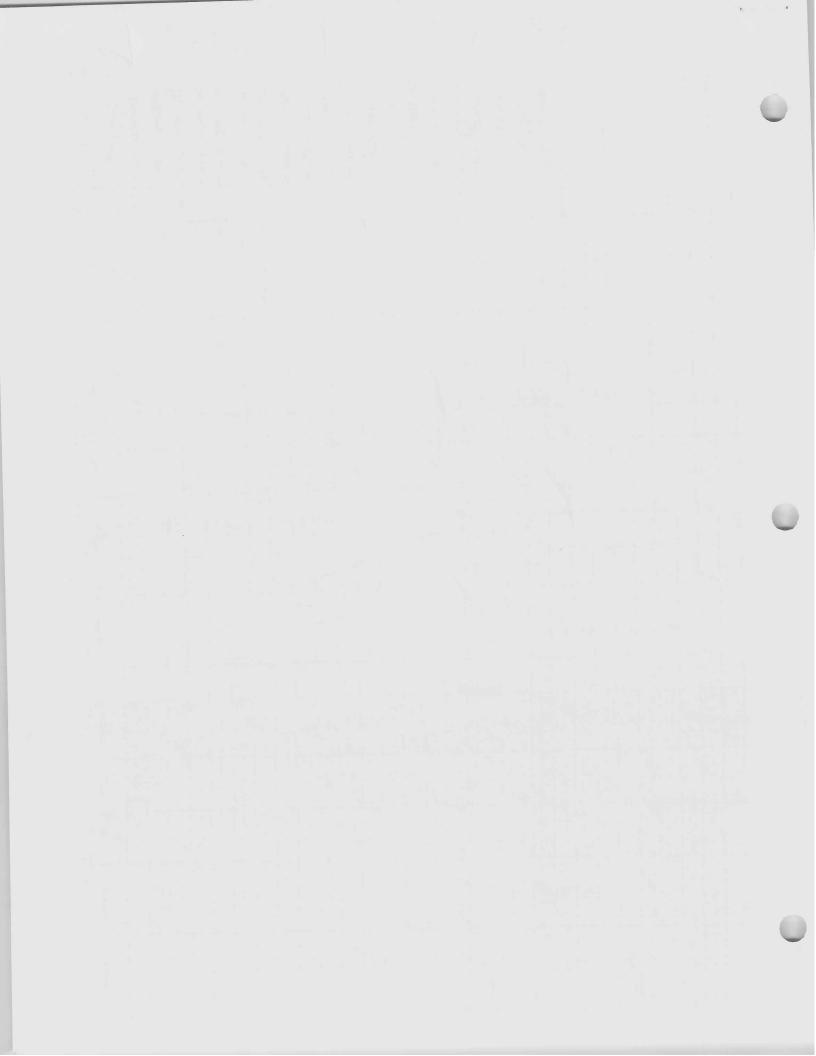
Resuspend in 0.4%PFA-PBS Spin at 1300rpm for 8min



	gate to hince way	or steepen?
A Comment of the state of the s	388 428 443 458 473 508 514 525 542 582 598 613 664 679 697 717 738 738 750 783	မြ
C 25 -20 -20 -20 -20 -20 -20 -20 -20 -20 -20	UV2 UV4 UV5 UV6 UV7 UV10 UV11 UV11 UV12 UV13	
5 8	BUV496 BUV563 BUV615 BUV661	Monocytes SFC Panel
op to 1	CD18   CD18   CCR2   V19   CCR2   V19	Panel
gentruc gentruc	BV421 PacBlue BV480 BV570 BV650 BV650 BV750 BV786	Violet
CDUS 7 4516?	[1] CD11a B CD16 B B CD20 B B CD20 B B CD20 B B B B B B B B B B B B B B B B B B B	solar contab
AT. AC	B1 B1 FITC B2 FITC B3 SparkBine 550 B4 PE-CF594 PE B5 PE-CF594 PE-Cy5 B8 B8 Pe-Cy5 B8 B8 Pe-Cy5 B8	gazz
S to	[15] CD11b [11] [4] CD88 [64.5] CD86 [44.5] CD86 [7] [2] CD123 [7] [2] CD123 [7] [8] HLA-DR	Capp
COSO ST APO	R R R R R R R R R R R R R R R R R R R	capping e 10 h mless good reconsor
The 810 [3] CD38  The The The Herry wall string  The	[3.5] (CN -) (CC) (CD 163) (CD 40) (CD	good recover

31	30	8 8	28 1	3 !	88	25	24	23	8	21	28		19	18	17	16	15	4	13	12	3		, «c	α		1 0	0	4	ω	2	
									APC/Fire 810 CD38	APC/Fire 750 CD64	Zombie NIR L/D	APC-R700 CD40		Alexa Fluor 647 CD163	PE-Vio770 HLA-DR	PerCP-Cy5.5 CD123	PE-Gy5 CD86	PE-Dazzle594 CD3	PE CD88	HTC CD11b	BV750 CCR5	BV711 CD80	BV650 CD11c	BV605 CD56		BV510 CD20		BUV805 CD14	BUV661 CX3CR1	BUV563 CCR2	D18
									(нп2)	(10.1)		(503)	-	(GHI/61)	(REA805)	(763)	(172.2)		(55/1)		(207)	(1307.4)	(B-1y6)	(5.1H11)	(3G8)	(2H7)	(HIII)	(MSE2)	(2A9-1)	(ls132.1D9)	(6.7)
																															#101
																															Thank!
																															condition Panel ul
							-																								Panel brightest MFI
0.5	0.5 1.5	0.5 1.5	0.5 1.5	0.5 1.5	0.5	0.5	0.5	1.5	15	15	1 0.5	0.5	1.5	15	1.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5 1.5	0.5	0.5	15	0.5	Total# Single color (u
												STATE OF THE PARTY			THE PERSON NAMED IN								THE PARTY OF							ST STUDENTS OF STREET	Negative MFI
		Section Section	NAME AND DESCRIPTION OF		100000000000000000000000000000000000000											10年 日本日本日本日本	METER STATE STATE		N. W. C. Street, Co. of Lot, C						13 AN 1887.2 III					A STATE OF S	Positive MFI
			THE RESERVE			A STATE OF THE STA					REAL PROPERTY.								STATE STATE STATE											WHEN PRODUCED HER IN	Comments R
	The State of the S		THE STANSON	THE REAL PRINCE	The Manual States							MAN PORT			STORES PER	Sand Charles		Castle Control	Alberta and	X STATES							Name of Street			Special park	Reference Library Name

Date: May 12, 2022





spillars from 0020 PE PECOSS & BV 480 Perchity co3 BU603 Hou's compensations; CDSC Tonly changed the B cell lines (not enough to accome coap) AF by c020 - 100 what drung the look, or clash elsewhere? Is the AFT what changing AF molles your hond wanters error COZONS only look slightly less crappy it's still wrong. BV603 1/ v Hao Tings panel + unmixing cose -> Bour Buy80 uscose Cx 30R1 also affected? CDS6 & cD16a odd stripe

minor adjustment for NDOSO (No CD80 in ND050) shoulation? For an issue? 86 is pretty blobbish for both spread / PETER-CYS-S 123 who for NDOSO CD40 real at best HLA-DR was better for InA212 co38 better Nooso. BUY TO Shooting Adult CD3 have CCR2, Cx3CR1 CCRS absent adult.

## Similarity™ Indices

## Configuration:4L 16UV-16V-14B-8R

	010	ABC File 230	ADC Eins Jeo	APC APC	Alexa Fluor 647	PE-Vio770	PerCP-Cy5.5	PE-Cy5	PE-Dazzle594	Pm	FITC	BV750	BV711	BV650	BV605	BV570	BV510	BV480	BUV805	BUV661	BUV563	BUV395
BUV395	0	) c	) c	0		0	0	0	4 0.01	0.01	0.01	0	0	-	0.	0	0	0	0	0	0	
BUV563	C	c	0	0.01	0	0	0.01	0.03	1 0.2	0.28	0.07	0	0	0 0.	0.01 0.	0.01 0.	0.02	0.02 0	0.11 0	0.04 0	0.05	
BUV661	0.1	0.13	0.21	-	岩	0.03	1 0.33	3 0.34	2 0.04	8 0.01	0	0.1	0.25	0.03 0.37	0.14 0.	0.25 0.	8.24 0.	0.08 0	0.01	0.05	-	
BUV805	0.25	-	-	-	0.02	8 0.11	3 0.07	4 0.02	0	0	0	1 0.14	25 0.09	-	0.12 0.	0.04	0.04	0.01	0.1	-		
BV480	0	0.01	-	+-	0	0	7 0.01	2 0.01	0.07	0.11	0.1	14 0.02	09 0.03	0.02 0.	0.02 0.	0 0	0	0	_			
BV510	0	0.01	-	0.02	0	0.01	1 0.02	1 0.02	7 0.18	1 0.23	-	-	-	0.07 0.	0.17 0	0.27 0	0.84	1				
BV570	0	0	0.01	2 0.03	0	0.01	0.05	0.05	18 0.37	-	0.06 0.	0.04 0.	0.06 0	0.16 0	0.43 0	0.58	1					
BV605	0.01	0.01	1 0.02	3 0.07	0	0.02	0.13	0.1	-	0.48 0.	0.04 0.	0.04 0	0.07 0	0.26 0	0.71	-						
BV650	0.04	1 0.05	2 0.09	7 0.33	0.16	0.04	13 0.36	-	0.4 0.	0.27 0.	0.02	0.1 0	0.17 0	0.54								
BV711	4 0.12	5 0.19	9 0.31	0.23	6 0.17	0.16	-	0.25 0.	0.17 0.	0.06 0.	0	0.24 0	0.45									
BV750	2 0.12	9 0.2	0.31	23 0.07	-	-	0.53 0.	0.19 0	0.05 0	0.01	0	0.69										
		-	-		0.02	0.25	0.31	0.09	0.02	0	0	-										
FITC	0	0	0	0	0	0	0	0.02	0.12	0.17												
PE	0	0	0	0.01	0	0.01	0.06	0.13	0.69	_												
PE-Dazzle594	0	0	0.02	0.03	0	0.05	0.28	0.4	_	and the same of												
PE-Cy5	0.06	0.08	0.16	0.4	0.38	0.13	0.81	1														
PerCP-Cy5.5	0.09	0.13	0.26	0.3	-	0.27	-															
PE-Vio770	0.15	0.21	0.36	0.03	0.02																	
Alexa Fluor 647	0.12	0.16	0.27	0.93	_																	
APC	0.13	0.17	0.28	_																		
Zombie NIR	0.43	0.79																				
APC-Fire 750	0.74																					

APC-Fire 810

CV3° CX3CRI, CD14, CD11a, SASTI

CD112, CD80, CCR3, 800 00007, CD123, CD40, LID, CD64?

schooley 14:20 pm -> machine still on. I was still last one logged in - where the fish was Alexa? DR CDR onF Lythund today's acquisitors 0 ) for the superior Day 2 (morocytes & FSC-A us yesterday...) [definitely notioned "] Lymphagtes UNT, 17, B3 (minoradof) 20,000 unstained 11 COZU morocytes looked horman 105 mi ~ 10 8/2 ( uper board @ 106)

CDS6 ditto monocytes bightes + 105 - 5/2

CD3 (pretty delute) 105 > 106 I V CD3 MFI drop us yeshoday's. wrongrum, adjusting t.

Try# 2 (PF-594 not PE dazde.)

Soo. .. it looks better up the creek monogée spilled controls ...