March 24th, 2023 11100 2023\_ILT\_06 Specimen Status Location Conc 12500111 Date Tasks Volume Ly Ly+Mon Total HUST 3E+6 .3E+6Inf171-9 2 Sau 5 7.76 (4) kg/17 12.1 950911 Inf248-4 HEU-lo (3) 3.12 0-3 5FHB 0.15 4.16 2.08 10100/1/ 248 601/ 2.75 0.75 a-4 SF(+9 6 (157 3.61 8.51 1630 411 +2.93 HEU-hi WY Inf023-5 4.04 0.75 5.39 9.07 41687 1450 J/1 023 3.76 0.15 12Q43 a-4 7 5.02 8.73 4127 5409pl +3.9 Adult NO050 40/1 2×107 1/13/23 Nom 1.5 6.82 9.14 <147 550c// Adult 1.5406 ND 006 1/20/23 SC 1.5 8.33 10.5 4/27 11:19 than start ... + Inf 248-4 SFHA as Box 1B OSC 3M 27 cord + Inf023-5 Ray Da-s 666 15.52 % 2 Inf 171 12:23 Stou'A 25 00 0 Inf248 1. 2.5 -8.82 0 12:56) Not enough for 242 or 23 2150 66 11.07 ~ 2.5 Inf023 100 aliquors 孤 30 ND050 10.23 7.1.5 -2M Reorestind [ 3/2 hors) [ 3/2 hors) = 8:55pm N0006 1 12,495 / 1.5 **6** 6 6 6 3M 1304 Ab prop @ 8:11pm Frepped @ 8:35pm PRICE Flot pm Spindown 162.9 135 176.3 Pem 400 9:20 -735, 9.6 Val.2 4 12-0 Va24 ja18 Se's aliquoted + F35 mad @9: 40 pm 22:01 Hot samples -> 31pm spine 10:36pm 7 RGC FBS SAMO 12:27pm FICREMO 12:39-249-59 se's hote look pm -> rerpm Sc's add @10:21 pm > 51 pm lice an combined Fix Porn spin Tets @ 10:50 pm 1:30 am Intracellular -> Vas 11:01 -> 11:31pm 2:10 am 2:12am Final Spin Fullerm Sds @ 11:01 -722-331

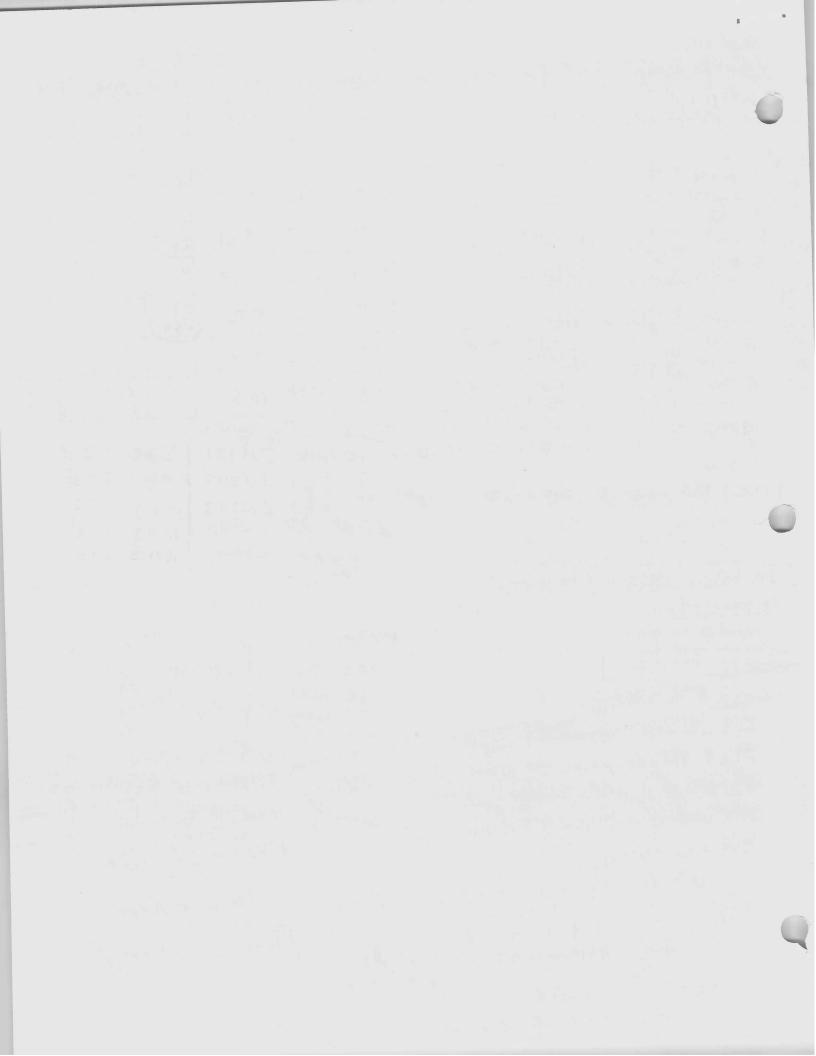
Done @ 2:25 an

Sch intra @ 12:18 an -> 12:58 am

C00:21 -> 24

Cold stan ~ 10:48 pm - 700:18 am (RBC ysc.)

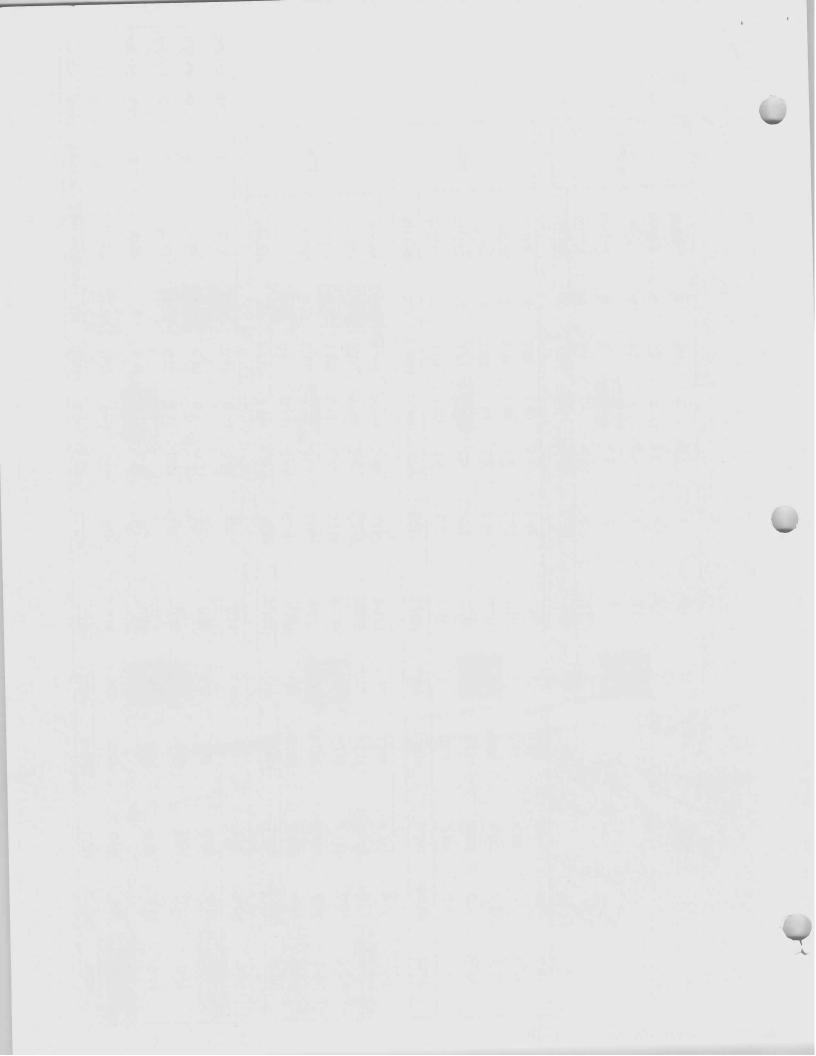
23:57 2nd Peanway lof se's



1:09 pm: yesterdays ac's failed on uvil 20 water had cells in it, throwing off OC? QC attempt @ 1:19 pm Atta girl! - Oc passed Unmixing at well by well level Start @ 0:31 pm (check volums) matrix generation is a population level define your sas 27 pl/mm 6,600 eventrade 2001 cells Zambre cord (50/1 still) ~ 2800 earls Models 23M Done @ 3:28 pm

																				ND060	NDOSO	NIDOFO	INFO 2	NEDAO	INF171	Sample
						Г							_						7	12.5	10.23	11.07	8.82		12.52	Total
		רחזחאם	7						PMA							R10				1.5	1.5	2.5	2.5	, ,	٥	Volume
ND060	ND050	INF023	INF248	INF171	Sample	N DOOD	NDOSO	INFU23	INF248	INF171	Sample		ND060	ND050	INF023	INF248	INF171	Sample		8.33	6.82	4.43	3.53	0.20	676	Concentration
6	6	6	6	6	3M		, ~	2	2	2	3M		0.64 50	0.565	0.32	0.15 0	0.52	3M	J.	0.36	0.44	0.68	0.85	0.48	1900	3M
5.5	5.5	5.5	5.5	5.5	2.75M	1.83	1.83	1.83	1.83	1.83	2.75M		0.64 <sub>≤40</sub> 0.586	0.5650 0.513	0.32 <sub>U</sub> 0.295	0.137	0.477	2.75M	0	0.33	0.40	0.62	0.78	0.44	2	2.75M
5	5	5	Οī	5	2.5M	1.66	1.66	1.66	1.66	1.66	2.5M		0.533	0.466	0.268	0.124 7 0.11	0.434	2.5M	j	0.30	0.37	0.56	0.71	0.40		2 5M
4.5	4.5	4.5	4.5	4.5	2.25M	1.5	1.5	1.5	1.5	1.5	2.25M		0.48	0.42	0.24	<sup>7</sup> 0.11	0.39	2.25M		0.27	0.33	0.51	0.64	0.36		
4	4	4	4	4	2.0M	1.32	1.32	1.32	1.32	1.32	2.0M		0.426	0.373	0.214	0.099	0.347	2.0M		0.24	0.29	0.45	0.57	0.32	VIONI	202
3.5	3.5	ა ა.5	ω 5	3.5	1.75M	1.16	1.16	1.16	1.16	1.16	1.75M		0.373	0.326	0.188	0.087	0.303	1.75M		0.21	0.26	0.40	0.50	0.28	1.75M	
ω ×			ω	ω	1 M	1	Ь	1	Н	1	1.5M		0.32	0.28	0.16	0.07 20	0.26	1.5M	C. H	0 18	0.22	0.34	0.43	0.24	1.5M	
-iva		(30)	X 7	DI	8	0.83	0.83	0.83	0.83	0.83	1.25M		0.266	0.233			0.216	1.25M	0.15	0 15	0.18	0.28	0.35	0.20	1.25M	
5.5% S.5%	N SWE	/	13/2 Co			0.66	0.66	0.66	0.66	0.66	1.0M		0.213	0.186	0.107	0.050	0.173	1.0M	0.12	2	0.15	0.23	0.28	0.16	1.0M	
	(	32 1.32	الخا	N. X Z	1 20 8 W Y	0.5	0.5	0.5	0.5	0.5	0.75M	G. H.	0.14	0 14	0.08	0 0 0	0.13	0.75M	0.09		0.11	0.17	0.21	0.12	0.75M	
						0.33	0.33	0.33	0.33	0.33	0.5M	0.10	0.094 / 7	0.094 74	0.057	0.00, 67	0.087	0 5M	0.06	0.00	0 07	0.11	0.14	0.08	0.5M	

(9)



BOUSS   CORST   SKII	Pippette draw volume /sample 66 59.5	66
Decirio   Priorectivo   Prio	50 700 <b>50.0</b> 700	50 700 50.0
1	10.00	2.57
1	766 175	190 266 175
1	16 33.4	
1   1   1   1   1   1   1   1   1   1	,	,
1	<1:2500>	12500>
1		
1	9.8	1
1	1.3 2.0	0.17
1		
1		1000
1   UV2   BUV35   CD621   SX11   UV3   SUM16Ker   CD622   SX11   UV4   Stmill   14     2   UV7   BUV35   CD82   SRAT3   CD8   CD8   SRAT3   CD8	12 168	
1		
1		21
1	158	16.8
1		
1	1.5 21	
1		
1	1 14	
Duys   Plugochrome   Marker   Cone   Vial Lot # Stimili   14		
Name   Hudochrome   Marker   Clone   Vial Lot # Stimili   14		
	0.7 9.8	
	2 28	28
	2.0	2.0
Name	2.0 28.0	
Name	1.5 21	
L UV2   BUV935   CD621   St11   L UV3   Stmill   14	1.5 21	
Name	1.3 18.2	
Name		
Name	20	20
UV2   BUV395   CD821   SK/1   UV7   BUV395   CD82   R/A-T/8   UV10   CD82   R/SO   C	7.0 78 0.5 7.0	78 0.5
UV2   BUV995   CD82   CD82   CD87   C	9:0	
During   During   Marker   Clore   Vial Cot # Stimili   14		
UV2   Rame   Fluorochrome   Marker   Clone   Vialicit   Stimili   14		
UV2 BUV395 CD621 SK11 During 14	1.2 16.8	
UV2 name fluorochrome Marker Clone Vial Lot # stim!!! 14		. INTERIL
	(RT) Tetramer 40 HotStain ColdStain CREC Lyse, min @RT 30min @37C 14 30min @4C 14 then	Tetramer 40 HotStain ColdStain min @ RT 30min @37C 14 30min @4C

Simplified Protocol

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

Wash 2 ml 5% PBS-FBS 1400 rpm, 6 min Add HotStain mix, incubate @37C for 30 min

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

(vortex every 10 minutes)

First PermWash:

Second Perm Wash:

1 ml PermWash 1500 rpm 6 min 1 ml PermWash 1500 rpm 6 min

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

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

1.5/1.2 antibody

(4) NJOSO + CM unstained + <0(c7) t Zambe Cod (Inf Hu)

Chi < = 3(+1/2/2)

Ch1 x 1 2

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PMACY

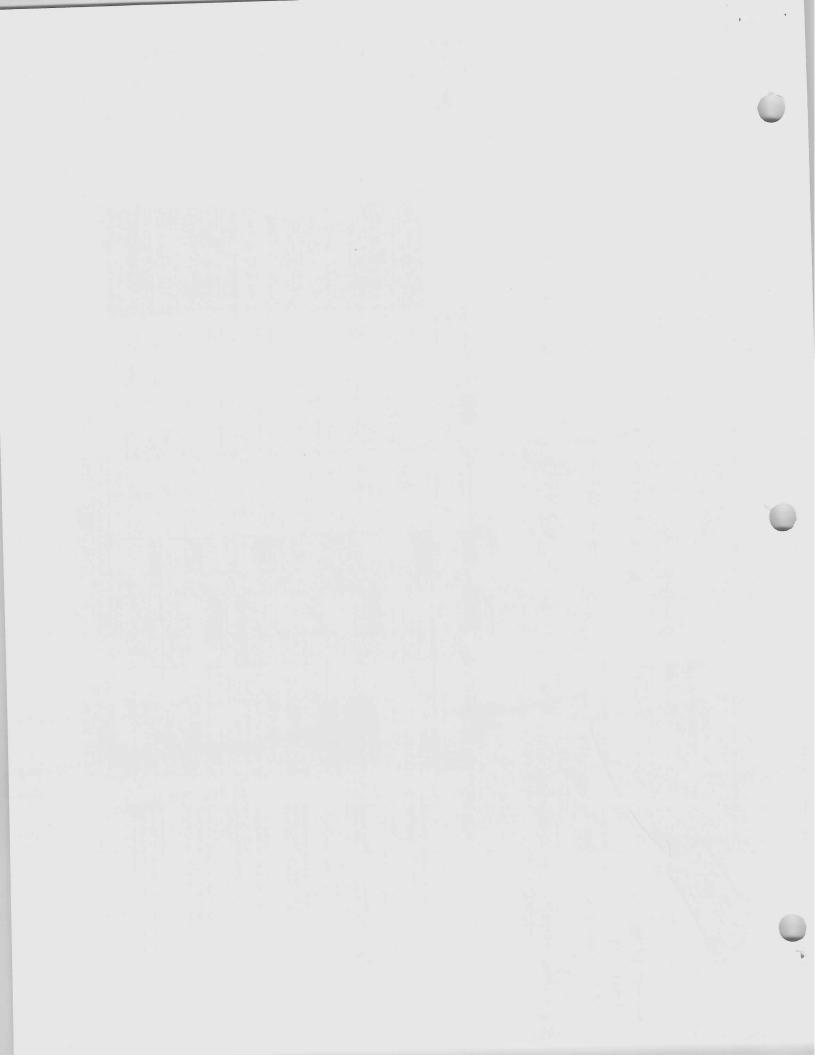
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No

270

+ NJOOC OHYPAN

W/ Des Poj Coc



ILT & NK SFC Panel

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		750 760						598	582	542	525	514	508	473	458	443	428	388	373	opectrum
	UV15 UV16	UV14		UV13	2	UV11	UV10		6AN	870		UV7		DV6	UV5	UV4	UV3	UV2	2	Ī
	BUV805	BUV737				<b>BUV661</b>	BUV615		BUV563			BUV496	Christian	AF				BUV395		V
Ī	Ξ	3		-		[3]	[3]	:	ವ			[2]	TOTAL STATE					[2]	1	
	CD4	CXCR3				Vd2	CCR4	0	CD69		ļ	CD8						CD62L		
	V15	< <sub>14</sub>	V13	V12		<b>V</b> 11	V10	S 8	\ \ \ \ \	5 6	6	S	ς, ς,	£ 6	≨ i	S :	<u> </u>		+	
	BV786	BV750	BV/11			BV650	BV605	0/0/0	BV670	BV510		100	BV/180	. 400100	PacRina	1	RV/21			Violet
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	CCR6	IFNg	CD7			CCR7	CD56		CD45RA			CD161		CD14/19		77.00				
814	B13	υ α 3	B10	B9	B8	B7	B 6	B4	B3	B2		B1							t	1
	Pe-Vio770			PerCP-Cy5.5	PE-Cy5	T C T 394		PE	SparkBlue 550	FITC/AF488									bine	Dina
	ය			[2]	[4.5]	4		[4]	Ξ	[1.5]										
	PD1			TNFa	CD25	CD26		NKG2D	CD3	Va24/hCD1d										
R8	R7	R5	R4	23 23	3 2															1
APC-Fire 810	Zombie NIR APC-Fire 750		APC-R700	A1-04/	APC														Red	3/24/2023
[3]	[2]		<u> </u>	[3.5]	[3.5]															ယ်
CD38	L/D CD27		CD107a	Va/.2/hMR1	CD16															

Unmiking: deleted Fite/AF488 respectively from tet/antibal, subfile. reassigned buokground for Volz exers, PDI, com to NUOSO \_ unstand off se. Infly 1. unstrunch at for dood . NDOSO- unstraked - PMA for colo7av And second moteristale. Va7.2 our colun of swap PDI might be an issue Would help it you rounded also samples from tet experient a vice versa. readded anstances to garps, still have the rows. Unmixing or general AF extraot on the colls for inchal manus Using AFG47 CD3 (not Va7,2) for now. two tell apper boundary for junk screen. 80% ND050 PMA DPV Inf248 Few NVlis ditto NDOSO

