Specimen	Status	Location	Conc	Date	Tasks	Volume	T	T INC	T		
10025	ad			09/04/01		0.5ml		Ly+Mon	Total	3E+6	2E+6
ND032	old		25=	01/25/18	Braken	O / J / M					->
100007	117		2.0 86	7-5/60	Broken;	0.3ml				1	\rightarrow
										-	

8:11MM RO 8:36 reagents
250 m1 RPMI (5 batches) prepped
45 185m) RAMI = 225 m/
45 FBS = 25 m/
0.5 Light = 2.5 m/
0.150 Gentingen 0.250 p/

250 ml 10% FBS

25 + 225 ml PBS

SOFI DNASE

500 att RIU : 25 A PPD @ 9:14 AM

Reagents for experiment a orb mixes propped @ 10:08 AM

Alm (~1.5ml) -> 300pl (1/3h)
10:14 cell soft unstand for each
1/20 specimen

10:17 cells first spin

4D@ 10:29-7 10:44 param = 3H blush

2ml 1400 6min@ 10:48pm

37°C @ 16:59 - 11:29 AM
unstained + by stain buffer for bodhound

Jan @ 1130 1400 6mm

11:40 an -> 12:10 pm/ Rbelge @ (2:10/11) -3214

And UNSTAIN		21 R8																									R R R R R R R R R R R R R R R R R R R	R R R R R R R R R R R R R R R R R R R	RO R	R R F F F F F F F F F F F F F F F F F F	R R R R R R R R R R R R R R R R R R R	R R R R R R R R R R R R R R R R R R R		R R R R R R R R R R R R R R R R R R R	R R R R R R R R R R R R R R R R R R R	R R R R R R R R R R R R R R R R R R R	R R R R R R R R R R R R R R R R R R R
And UNSTAINED CONTROLS !!!		jt.			that the second	12500	1.250	1.2500	1.25	1.2500	1.25	1.25	1.25 1.25 1.25 1.25 1.25 1.25	1.25 1.25 1.25 1.25 1.25 1.25 1.25	1.25 1.25 1.25 1.25 1.25 1.25	1.25 1.25 1.25 1.25 1.25 1.25	1.25 1.25 1.25 1.25 1.25 1.25		44												4 3 1 1 1 1 1 1 1 1 1						
IS III		Cells					Cells Cells		Cells Cells			Cells Cells	Cells Cells Cells	Cells Cells Cells Cells	Cells	Cells	Cells Cells Cells Cells	Cells Cells Cells Cells Cells Cells Cells	Cells Cells Cells Cells Cells Cells Cells Cells	Cells Cells Cells Cells Cells Cells Cells	Cells	Cells	Cells	Cells	Cells	Cells	Cells	Cells	Cells	Cells	Cells	Cells	Cells	Cells	Cells	Cells	
																																					Certis Cells
	True Stain FcX	APC/Fire 810		APC/Fire 7	Zombie NIR	APC-R700 Zombie NIR APC/Fire 750	APC/Fire 7	Spark NIR 6 APC-R700 Zombie NI	Alexa Fluor 647 Spark NIR 688 APC-R700 Zombie NIR APC/Fire 750	APC/Fire 7	PerCP-Cy5.5 PE-Vio770 APC Alexa Fluor 64 Space NIP 889 APC-R700 Zombie NIR APC-LIFE 700	PerCP-Cy PE-Vio77 AFC Alexa Fluor Space NIR 6 APC-R701 Zombie NI	PE-Cy5 B97/CU bett PerCP-Cy5 PE-Vio77/ AFC AFC Spark NIR 8 APC-R700 Zombie NII	PE-Dazzle594 PE-Cy5 887/00 better Per-Cy-Cy5.5 PE-Vio770 AFC Alexa Fluor 647 Spark NIT 685 APC-R700 Zombie NIR	PE PE-Dazzle PE-Cy5 B87/00/bel B87/00/bel Per-Cy-Cy PE-Vio77 AFG AFG Alexa Fluor Spatt NIR4 APC-Frie 7	Spark blue 550 PE PE-Dazzle594 PE-Cy5 BB8700 bertos PerCP-Cy5.5 PE-Vio770 APP Alexa Fluor 647 Spark NIR 685 APC-R700 Zombie NIR	Spark blue Spark blue PE PE-Dazzle PE-Cy5 BB700 bes PerCP-Cy PE-Vio77 APC APC-R700 Zombie NIR 6 APC/Fire 7	BV78: BB845 / Violar FITC Spark blue PE PE-Dazzle PE-Dazzle PE-Cy5 BB700 ba PerCP-Cy PE-Vio77 AFG Alexa Fluor Spark NIR 8 APC-Fire 7	BV750 BV785 BV785 BB545 VloBright FITC Spark blue i PE PE-Dazzle5 PE-Cy5 B8700 bett PerCy-Cy5 B8700 bett PerVio770 AFC AFC APC-R700 Zombie NIF	BV711 BV750 BV785 BV785 BB543 / Michael FITC Spark blue 5 PE PE-Dazzle59 PE-Cy5 BB740 blett PerCP-Cy5 BB740 blett PerCP-Cy5 ABC APC-R7700 Zombie NIR 888 APC/Fire 754	BV650 BV711 BV750 BV785 BV785 B8545 / Min Big FITC Spark blue 5 PE PE-Dazzle55 PE-Cy5 PE-Cy5 PE-Vio770 APC APC APC/Fire 754 APC/Fire 754	BV655 BV650 BV711 BV750 BV750 BV785	BV65 BV65 BV75 BV75 BV75 BV75 BV78 BV78 BV78 BV78 BV78 BV78 BV78 BV78	BV570 BV650 BV650 BV650 BV750 BV	BV510 (dim) BV570 Allow EXAMAN BV605 BV605 BV711 BV750 BV711 BV750 BV785 BV7	BV480 BV510 (dil BV711 (dil BV750 (dil BV750 (dil BV785	### Pacific Blue #### BV480 ###################################	Suppor Bid Pacific BV48 BV48 BV510 (BV520 (BV60 BV60 BV60 BV60 BV65 BV71 APC/Fire 7 APC/Fire 7 ACC ACC APC/Fire 7 APC APC APC/Fire 7 APC APC APC APC APC APC APC AP	BV421 Sub-serial Geblior 85 Pacific Blu BV480 BV510 (din BV711 BV750 BV711 BV750 BV711 BV750 BV711 BV750 BV718 BV750 BV785 BESUS (Mobile 55 PE-Dazzle59 PE-Dazzle59 PE-Qy5 BS/Mobile 51 BV785	BUV805 BV421 Super-sup	BUVE BUVE BUVE BUVE BUVE BUVE BUVE BUVE	BUVI BUVI BUVI BUVI BUVI BV41 Super Brid Added Pacific BV42 BV41 BV57 Added BV510 (BV57 Added BV68 BV510 BV71 BV75 BV71 BV75 BV78 BV78 BV78 BV78 BV78 BV78 BV78 BV78	BOV BUVI BUVI BUVI BUVI BUVI BV41 Super Brid Allow Pacific BV45 BV510 (BV57 Gilder Bu BV60 BV60 BV60 BV60 BV60 BV71 BV75 BV71 BV75 BV71 BV75 Alexa Fluor Spark Duce PE PE-Dazzle PE PE-Dazzle PE PE-Dazzle Alexa Fluor Spark Duce Apc/Fire 7 Apc Apc/Fire 7	BUV	BUV	BUV	APP PP
FcX		810	750		NIR	NIR	3700 e NIR	0r 647 8685 700	or 647 4.685 NIR	770 or 647 R685 NIR	2y5.5 770 or 647 or 648 000 NIR	770 770 770 770 770 770 770 770 770 770	y5 2y5.5 2y5.5 7770 or 647 4.685	y5 y5 y5.5 770 or 647 8885	15 (1885) 16 (1885) 17 (1886) 17 (1886) 18 (1886) 18 (1886) 18 (1886) 18 (1886)	v5 v51.5 v75.5 v75.5 v64.7 v76.4 v76.5 v76	C ue 550 :::::::::::::::::::::::::::::::::::	85 Bright8545 CC CC CC CC CC CC CC CC Le5504 le594 le594 Py5 Sttar 7770 7770 Pr 647 Pr 647 NIR	85 86 87 88 88 88 68 68 68 68 68 68 68	711 85 85 86 87 87 88 88 88 88 88 88 88 88 88 88 88	550 711 711 885 885 885 865 865 865 865 865 865 865	505 550 550 711 11 12 150 150 160 160 160 170 170 160 170 170 170 170 170 170 170 170 170 17	505 507 507 711 711 711 711 711 711 711 711 711 7	570 550 550 550 550 550 711 111 112 150 150 150 150 150 150 150 150 150 150	900 (dim) (10 (d	10 (dim) 10 (dim) 10 (dim) 10 (dim) 11 (dim) 170 1850 1850 1850 1850 1850 1850 1850 185	10 (16 Blue 16 Blue 17 (16 Blu	10 cic Blue 1480 16 cic Blue 1480 1700 16 cic Blue 1480 1700 1700 1700 1700 1700 1700 1700 17	421 Calificate Calificate 480 1 (dim) 770 550 550 550 550 550 6885 885 8	V805 (421 (421 (421 (421 (420 (480	V895 V805 V805 V806 421 421 6Blue 6Blue 6Blue 750 750 750 750 7550 7550 7550 7550 75	BUV661 BUV895 BUV805 BV421 E Bight 436 REV480 S10 (dim) S10 (dim) BV570 BV750 BV750 BV750 BV750 BV750 BV750 BV785 BV785	V6613 V6614 V6614 V805 V805 V805 V805 V805 V805 V805 V805	BUV563 BUV661 BUV661 BUV805 BV421 BUBDR 436 REV480 BV420 BV470 BV510 (dim) BV570 BV750 BV750 BV785 BV7	BUV496 BUV563 BUV661 BUV661 BUV661 BUV661 BUV661 BUV661 BUV661 BV421 BUV805 BV421 BUV805 BV420 B	AF350 BUV496 BUV496 BUV861 BUV8661 BUV8661 BUV805 BUV8661 BUV805 BV421 BUV805 BV421 BUV805 BV420 Giffic Blue BV480	BUV395 AF350 BUV496 BUV496 BUV661 BUV661 BUV661 BUV661 BUV661 BUV661 BV421 BV661 BV421 BV666 BV421 BV770 BV750 BV770 BV770 AFC AFC AFC AFC AFC AFC AFC AF
		CD38	CD64	L/D		CD40	CD40	CD163 CD40	CD163	HLA-DR CD163	CD123 HLA-DR CD163	CD123 HLA-DR CD163	CD123 HLA-DR CD163	CD86 CD86 CD123 HLA-DR CD163 CD163	CD88 CD86 CD123 HIA-DR CD163 CD163	CD88 CD33 CD123 HLA-DR CD163 CD163	CD11b CD88 CD8 CD3 CD123 HLA-DR CD163	CD144 CD11b CD88 CD3 CD86 CD123 HLA-DR CD163	CD141 CD141 CD141 CD188 CD88 CD86 CD123 CD123 HLA-DR CD163 CD40	CCR5 CD141 CD11b CD88 CD3 CD86 CD123 CD123 CD123 CD163	CCR5 CCB11b CD141 CD11b CD88 CD88 CD3 CD86 CD123 HIA-DR CD163	CD11c CCRS CD111 CD111 CD111 CD123 HIA-DR CD163 CD163	CD116 CD116 CD116 CD114 CD114 CD118 CD188 CD88 CD88 CD88 CD88 CD88 CD88 CD123 HLA-DR CD163	CD16 CD56 CD11c CCR5 CD111 CD114 CD114 CD123 CD163 CD163	CD11a CD16 CD56 CD11c CCR5 CD11b CD11b CD123 HLA-DR CD163	CD11a CD16 CD56 CD56 CD11c CCR5 CD11b CD11b CD123 CD123 HLA-DR CD163	CD114 CD16 CD16 CD16 CD116 CD116 CD111 CD111 CD114 CD114 CD123 CD123 HLA-DR CD163	CD56 CD11a CD16 CD56 CD11c CCR5 CD141 CD141 CD141 CD141 CD141 CD141 CD143 CD163 CD40	CD141 CD123 CD163 CD163 CD163 CD168	CD14 FCER1a CD5 CD11a CD16 CD16 CD16 CD141 CD11b CD141 CD188 CD3 CD141 CD188 CD88 CD141 CD163 CD163	CD14 FEER1a CD5 CD5 CD11a CD11c CD11c CD11c CD11b CD11d CD11d CD11d CD11d CD11d CD11d CD11d CD11d CD11d	CD14 FEER1a CD5 CD5 CD11a CD11c CD11c CD11b CD11d	CD14 FEER1a CD5 CD5 CD16 CD16 CD16 CD16 CD116 CD116 CD116 CD116 CD117 CD117 CD118	CCR2 CCD14 FEER1a CD5 CD5 CD11a CD11a CD11c CD11a CD11c CD13 CD11b CD13 CD123 HLA-DR CD163	CCR2 CCD14 FEER1a CD5 CD5 CD11a CD11c CD11c CD11c CD11d CD11d CD11d CD11d CD11d CD11d CD11d CD11d CD11d	CCR2 CCB5 CD14 CD16 CD5 CD16 CD5 CD16 CD16 CD88 CD141 CD118 CD18 CD18 CD18 CD19 CD19 CD19 CD19 CD19 CD19 CD19 CD19	CD14 CD14 FEER1a CD14 CD16 CD5 CD11a CD11c CD11c CD11b CD88 CD114 CD114 CD114 CD114 CD114 CD116 CD88 CD114 CD116 CD88 CD116 CD116 CD88 CD117 CD118 CD118
		(НІТ2)	(10.1)		1/	(5C3)	(5C3)	(GHI/61)	(GHI/61)	(REA805) (GHI/61)	(7G3) (REA805) (GHI/61)	(7G3) (REA805) (GHI/61)	(7G3) (7G3) (REA805) (GHI/61)	(172.2) (172.2) (763) (REA805) (GHI/61)	(S5/1) (IT2.2) (7G3) (REA805) (GHI/61)	(S5/1) (IT2.2) (7G3) (REA805) (GHI/61)	(S5/1) (IT2.2) (REA805) (REA805)	(S5/1) (IT2.2) (IT3.2) (REA805) (REA805)	(2D7) (S5/1) (S5/1) ((T2.2) ((T2.2) (REA805) (REA805)	(2D7) (S5/1) (S5/1) ((T2.2) ((T2.2) (REA805) (REA805)	(B-ly6) (2D7) (2D7) (S5/1) (S5/1) ((T2.2) ((T2.2) (REA805) (REA805)	(5.1H11) (B-ly6) (2D7) (2D7) (S5/1) (S5/1) (S5/1) (REA805) (REA805)	(5.1H11) (B-ly6) (2D7) (2D7) (S5/1) (S5/1) (IT2.2) (IT2.2) (REA805) (REA805)	(3G8) (5.1H11) (8-ly6) (2D7) (2D7) (1T2.2) (1T2.2) (REA805) (REA805)	(H1111) (3G8) (5.1H11) (B-ly6) (2D7) (2D7) (2S5/1) (S5/1) (REA805) (REA805)	(HI111) (3G8) (5.1H11) (8-ly6) (2D7) (1722) (1722) (173) (REA805) (REA805)	(H1111) (3G8) (5.1H11) (8-ly6) (2D7) (2D7) (1T2.2) (1T2.2) (7G3) (REA805)	(HI111) (3G8) (5.1H11) (B-ly6) (2D7) (2D7) (172.2) (172.2) (REA805) (REA805)									
																																		D9)	D9)	D9)	D9)
				<1:2500>						.+	.+		.+	+	+	+	+	+	+	+	+	╫╌┼┦╌┼╌┼╌┼	╫╌┼┩╃┼┼┼┼┼┼┼┼┼┼┼	╫╌┼┩╃┼╃╃┼┼┼┼┼┼┼┼┼┼┼	╫╼┼╃╃┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼	╫╌┼╃╫┼┼┼┼	╫╼┼╃╃╫	╫╼┼┩╃╃	╫ 	╵ ┼╌├╶┦╌╫╼┞╌┦╾╃╾╂╼┠╌┨╌╂╌╏╌┼╌┼╌┼╌┼╌┼╌┼╌╏	╵ ┼╌├╶┦╌╀╌┞╌┦╌╂╌┠╌╏╌╏╌╏	╵ ┼╌├╶┦╌╀╌┞╶┦╌╂╌┠╌╏╌╏╌╏╌╏	╫ ╌┡ ╃╃╫╫	╫ ╌┡╶┩ ╌╫╌╫╌╃╌╀╌┞╌┦╌╂╌╂╌╂╌╂╌╂╌╂╌╂╌╂╌╂╌╂╌╏╌	╫ ╌ ┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼┼	╫ ╌┡┩╸╃╸╃╸╃╸╃╸╃ ╌╂╌╂╌╂╌╂╌╂╌╂╌╂╌╂╌╂╌╂╌╂╌╂╌╂╌╂	
Ci	0.5	1.0	1		1.0					-+	2	2	0.5	0.5	0.5	0.6	0.6	0.5	0.6	1.5 1.5 0.6	0.5	0.5	0.5	0.5	0.5	0.5	1.5	0.5	0.5	0.5	1.5	1.5	1.5	0.5	0.5	0.5	2 0 0 0
0.0	0 1	1	1		1						. 2	. 2	0.5	0.5	0.5	0.5	0.5														2 9 9 9 9	2 9 9 9 1					
0.5								1.0	1.0	0.	1.1.00														1			1.	1. 0 0 0 0	1. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							
								1.0													W 61 00 0		W W 0 0 0 15	3 0 0 0 15	w s 000 in in	3 0 0 0 5 6											0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
								1	1	1 0.5	1 0.5	1 0.5	0.5	0.5	0.5	0.5	0.5	0.6 0.8 0.8	1 0.5 0.6 0.8 1.5	1 0.5 0.6 0.8	1 1 0.5 0.6 0.8 0.8	1 0.5 0.6 0.8 1.5 1	1.5 0.6 0.8 0.8 1.5	1 0.5 0.6 0.8 0.8 1.5	1 15 0.6 0.8 1.5 1.5 0.6	1.5 0.6 0.8 0.8 1.5 1.5 1.5 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	1 1 15 0.6 0.8 1.5	1 1 0.5 0.6 0.8 1.5 1.5 1.5 1.5	1 1 1.5 0.6 0.8 0.8 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	1 1 1.5 0.6 0.8 0.8 1.5 1 1 1 1.5 0.6 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8	1.5 0.6 0.8 0.8	1.5 0.6 0.8 0.8	1 0.5 0.6 0.8 1.5 1.5 1.5 1.5 1.5 1.5	1.5 0.6 0.8 0.8	1 0.5 0.6 0.8 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	

Simplified Protocol
Aliquot cells 1.2E+6 cells/tube

Wash with 2ml PBS, 1300rpm, 8min
2500x diluted Zombie NIR, 1E+6/1ml + 3ul Fc blocker at RT j
Wash with 2ml 2%FBS-PBS-2mM EDTA
Spin at 1300rpm for 8min

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

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

Spin at 1300rpm for 8min
x ul of 4oC Ab mix, at 4oC for 30min
Treat with 600ul of 1x Lysing solution at RT for 3min

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

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

Sparcher phos

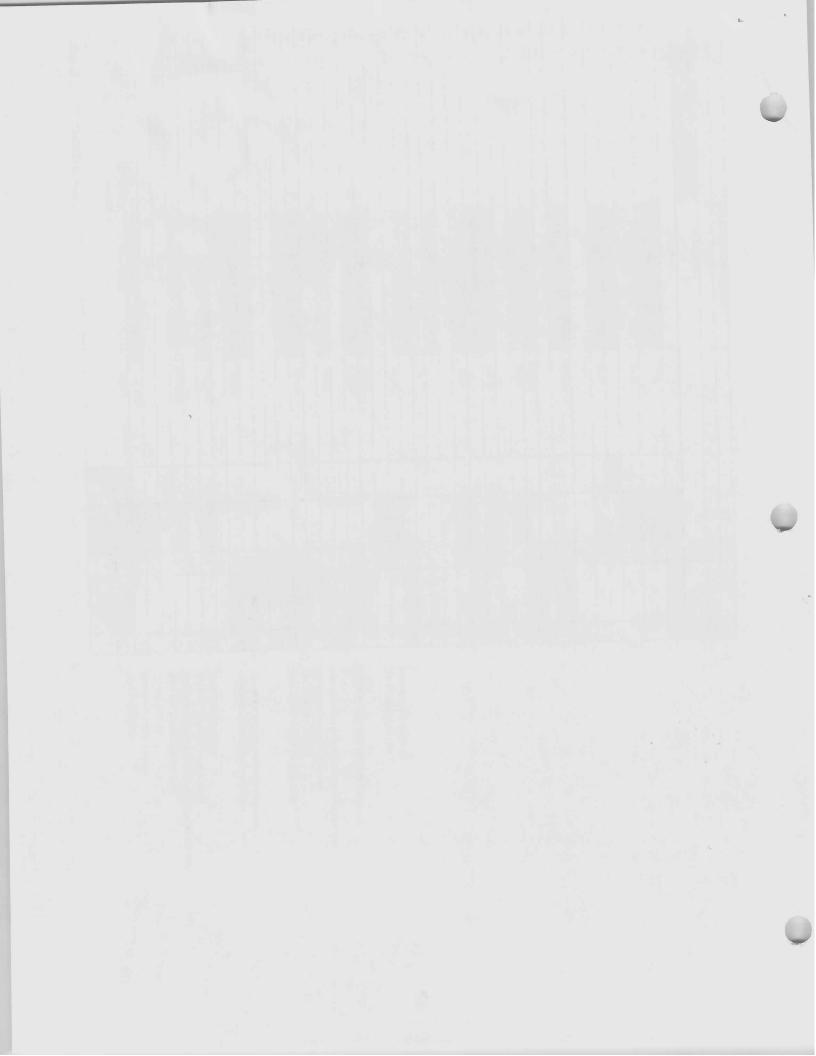
LD 1 29 Flas

LD 2 1 29 Flas

Cold Total 1 8 Flas

Cold Total 1 8 Flas

See Line to the see of the see of



Monocytes SFC Panel

																			_		-		-		-	Г
			/60	750	/38							080	609	583 1	540	525	514	508	2 0 0	172	458	443	428	388	373	- lo a a a a a a a a a a a a a a a a a a
	UV16	UV15		UV14		٥ / ٥		UV12		UV11	UV10		0 0		11/0		UV7		0.76			UV4	UV3	UV2	LV1	
	BUV805			BUV737						BUV661	BUV615		00000	DINECS			BUV496					-	<u>w</u>	BUV395	1	
F	3			ω						<u>ت</u>	ω		[3				2							[2]	\dashv	
	CD14									CX3CR1			CCR2)			CD19							CD18		
ā	< 16	<15 5		V14		V13	V12		-	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V10	6	%	\7	6			√ 5	4	√ 3	^ < _ <	S :	<u> </u>		1	
	24700	RV785		BV750		BV711			0000	BV650	BV605		BV570	BV510				BV480		PacBlue		121.00	RV421			Violet
	2	3		[2.5]		4			[3.5]	3	ಪ			[1.5]				ಪ		3		7	3		\dagger	
	CD 141			CCR5		CD80			CDTTC	0000		フ	CD16,	CD20				CD11a		CD5		LCENIA	T 0 T D 1 0			
B14	813	812			0 1	B10	B9	B8	B7	ŭ,	3 0	D n	B4	Вз	B2		_	Ď							t	
	Pe-VI0770					,	PerCP-Cy5.5	PE-Cy5		PE-Dazzie		ı	PE	SparkBlue 550	FITC	1									Dide	Dirio
	3						2	[4.5]		[4]		3	4	Ξ	[1.5]										1	
	HLA-DR						CD123	CD86		CD3)		CD88		CD11b											
R8	R7	R6		R5	7. 4	! ?	ZJ 33	R 2	刄																	1
APC-Fire 810	J	Zombie NIR			AFC-K/OO			AF647	APC																Red	
3	[2]	=			ವ			[3.5]	[3.5]																	
CD38	CD64	<u>[</u>			CD40)	,	CD163																		
	1	-	-							-		100									-	-			_	1

9/26/2022

Monocyte SFC panel Ny025 -> 62.8 Leukogtes NOV032 -> 21.9 Leukogtes (rest dead, skrnling cells) Unst NY025 -> 2 AFs ~ Lymphocytes -> UV7, V7 (V3) 7 common shared monocyte signature Unst-NY032 -> 2 AFS ~ Monocytes -> UV7, V7 (V3), fone makes ? BI, BZ, B3) 1 AFS - Lymphocytes -D16 dol? CD18 lover de's a oddball monogles CKBCRI edge 11 c Ble mon CD14 pamants classical feature FEERIN relassial boundary, not Dels eD5 - primary coel/2 bonday no over

CCR2 absent We monoghy lover DCs addonly Colla larest addballs edic ne man feature COSG a many De feater Colle - derne l'ene dessients CCR5 manly about 141 part cocls, some alsohere collb 2 mainly absent Des, ne, one addball distre colls absent monogres, i addball CD86 - Monocytes 2 nc especially, not addsills CO123 2 cDC 1 HLA-DR high Des, class, less oldballs/he CD163 low level dels. 40 low levels ethon CD64 high eMon & odd ball interna CD38 absent odd balls, no, highest edels, z, chen