

Data Set Name: cd3hi.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	ID	Char	9	\$9.	\$9.	Patient ID
2	siteid	Num	8	SITE.		Site
3	enroll	Num	8	ESTATUS.		Enrolled in Cohort
4	erldate	Num	8	MMDDYY8.	DATETIME22.3	Baseline evaluation date
5	COLDATE	Num	8	MMDDYY10.	MMDDYY10.	Sample Collection Date
6	imm_group	Char	9	\$9.	\$9.	Group
7	imm_tmpt	Char	2	\$2.	\$2.	Analysis Timepoint
8	cd3hicd4	Num	8	BEST12.	BEST32.	CD3hiCD4- /CD3+/Aqua-/Lympho
9	vd1	Num	8	BEST12.	BEST32.	Vd1-Vg9- /CD3+/Aqua-/Lympho
10	vd2	Num	8	BEST12.	BEST32.	Vd1+ /CD3+/Aqua-/Lympho
11	vd3	Num	8	BEST12.	BEST32.	Vd2+ /CD3+/Aqua-/Lympho
12	vg1	Num	8	BEST12.	BEST32.	Vg9+ /CD3+/Aqua-/Lympho
13	vdvg	Num	8	BEST12.	BEST32.	Vd2+Vg9+ /CD3+/Aqua-/Lympho
14	ifng1	Num	8	BEST12.	BEST32.	IFNg+ /CD3+/Aqua-/Lympho
15	ifng2	Num	8	BEST12.	BEST32.	IFNg+ /Vd1-Vg9-CD3+/Aqua-/Lympho
16	ifng3	Num	8	BEST12.	BEST32.	IFNg+ /Vd1+/CD3+/Aqua-/Lympho
17	ifng4	Num	8	BEST12.	BEST32.	IFNg+ /Vg9+/CD3+/Aqua-/Lympho
18	tnfa1	Num	8	BEST12.	BEST32.	TNFa+ /CD3+/Aqua-/Lympho
19	tnfa2	Num	8	BEST12.	BEST32.	TNFa+ /Vd1-Vg9-CD3+/Aqua-/Lympho
20	tnfa3	Num	8	BEST12.	BEST32.	TNFa+ /Vd1+/CD3+/Aqua-/Lympho
21	tnfa4	Num	8	BEST12.	BEST32.	TNFa+ /Vg9+/CD3+/Aqua-/Lympho
22	mfi1	Num	8	BEST12.	BEST32.	MFI Tbet /CD3+/Aqua-/Lympho
23	mfi2	Num	8	BEST12.	BEST32.	MFI Tbet /Vd1-Vd2-/CD3+/Aqua-/Lympho
24	mfi3	Num	8	BEST12.	BEST32.	MFI Tbet /Vd1+/CD3+/Aqua-/Lympho
25	mfi4	Num	8	BEST12.	BEST32.	MFI Tbet /Vd2+/CD3+/Aqua-/Lympho
26	mfi5	Num	8	BEST12.	BEST32.	MFI Eomes /CD3+/Aqua-/Lympho
27	mfi6	Num	8	BEST12.	BEST32.	MFI Eomes /Vd1-Vd2-/CD3+/Aqua-/Lympho
28	mfi7	Num	8	BEST12.	BEST32.	MFI Eomes /Vd1+/CD3+/Aqua-/Lympho
29	mfi8	Num	8	BEST12.	BEST32.	MFI Eomes /Vd2+/CD3+/Aqua-/Lympho
30	tbet1	Num	8	BEST12.	BEST32.	Tbet hi+ /Vd1-Vd2-CD3+ /Aqua-/Lympho
31	tbet2	Num	8	BEST12.	BEST32.	Tbet+hi /Vd2+/CD3+/Aqua-/Lympho
32	eomes1	Num	8	BEST12.	BEST32.	Eomes+ /Vd2+/CD3+/Aqua-/Lympho
33	eomes2	Num	8	BEST12.	BEST32.	Eomes+ /Vd1-Vd2-CD3+ /Aqua-/Lympho
34	vd4	Num	8	BEST12.	BEST32.	Vd1+ /CD3hiCD4-/Aqua-/Lympho
35	vd5	Num	8	BEST12.	BEST32.	Vd2+ /CD3hiCD4-/Aqua-/Lympho
36	vg2	Num	8	BEST12.	BEST32.	Vg9+ /CD3hiCD4-/Aqua-/Lympho
37	Visit	Char	10	\$10.	\$10.	

Num	Variable	Type	Len	Format	Informat	Label
38	cd107_a	Char	26	\$26.	\$26.	CD107a+ /CD3+/Aqua-/Lympho
39	cd107_b	Char	31	\$31.	\$31.	CD107a+ /CD3hiCD4-/Aqua-/Lympho
40	cd107_c	Char	32	\$32.	\$32.	CD107a+ /CD3intCD4-/Aqua-/Lympho

Data Set Name: controls.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	hbrn_char	Char	7	\$7.	\$7.	HBRN study
2	studygrp_char	Char	10	\$10.	\$10.	immunology group
3	samp_count	Num	8	BEST12.	BEST32.	number total samples
4	samp_order	Num	8	BEST12.	BEST32.	sample order by patient
5	id	Char	9	\$9.	\$9.	Patient ID
6	coldate	Num	8	MMDDYY10.	MMDDYY10.	Sample collection date
7	process_date	Num	8	MMDDYY10.	MMDDYY10.	Sample Processing Date
8	Hprolif	Char	1	\$1.	\$1.	3H proliferation
9	ifng_elispot	Char	1	\$1.	\$1.	IFNg elispot
10	IL10_elispot	Char	1	\$1.	\$1.	IL10 elispot
11	HLA_A2_Pos	Char	1	\$1.	\$1.	HLA A2 Pos?
12	LPR_control	Char	4	\$4.	\$4.	LPR control
13	bkrd_cpm	Num	8	BEST12.	BEST32.	bkrd cpm
14	Pressi	Num	8	BEST12.	BEST32.	PreS SI
15	ssi	Num	8	BEST12.	BEST32.	S SI
16	prec_si	Num	8	BEST12.	BEST32.	PreC SI
17	csi	Num	8	BEST12.	BEST32.	C SI
18	RT1_SI	Num	8	BEST12.	BEST32.	RT1 SI
19	RT2_SI	Num	8	BEST12.	BEST32.	RT2 SI
20	Flu_SI	Num	8	BEST12.	BEST32.	Flu SI
21	LPS_SI	Num	8	BEST12.	BEST32.	LPS SI
22	PHA_SI	Num	8	BEST12.	BEST32.	PHA SI
23	HBV_si_sum	Num	8	BEST12.	BEST32.	Sum HBV SI
24	Empty	Num	8	BEST12.	BEST32.	Empty
25	IFNg_quality	Char	4	\$4.	\$4.	IFNg elispot quality
26	ifng_bkrd	Num	8	BEST12.	BEST32.	Bkrd IFNg SFU per M
27	ifng_cutoff	Num	8	BEST12.	BEST32.	cutoff IFNg SFU per M
28	IFNg_pres	Num	8	BEST12.	BEST32.	PreS IFNg SFU per M
29	IFNg_s	Num	8	BEST12.	BEST32.	S IFNg SFU per M
30	IFNg_prec	Num	8	BEST12.	BEST32.	PreC IFNg SFU per M
31	IFNg_c	Num	8	BEST12.	BEST32.	C IFNg SFU per M
32	IFNg_rt1	Num	8	BEST12.	BEST32.	RT1 IFNg SFU per M
33	IFNg_rt2	Num	8	BEST12.	BEST32.	RT2 IFNg SFU per M
34	IFNg_flu	Num	8	BEST12.	BEST32.	Flu IFNg SFU per M
35	IFNg_lps	Num	8	BEST12.	BEST32.	LPS IFNg SFU per M
36	IFNg_hbv_sum	Num	8	BEST12.	BEST32.	Sum HBV IFNg SFU per M
37	IL10_quality	Char	4	\$4.	\$4.	IL10 elispot quality

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38	IL10_bkrd	Num	8	BEST12.	BEST32.	Bkrd IL10 SFU per M
39	IL10_cutoff	Num	8	BEST12.	BEST32.	Cutoff IL10 SFU per M
40	IL10_pres	Num	8	BEST12.	BEST32.	PreS IL10 SFU per M
41	IL10_S	Num	8	BEST12.	BEST32.	S IL10 SFU per M
42	IL10_prec	Num	8	BEST12.	BEST32.	PreC IL10 SFU per M
43	IL10_C	Num	8	BEST12.	BEST32.	C IL10 SFU per M
44	IL10_rt1	Num	8	BEST12.	BEST32.	RT1 IL10 SFU per M
45	IL10_rt2	Num	8	BEST12.	BEST32.	RT2 IL10 SFU per M
46	IL10_flu	Num	8	BEST12.	BEST32.	Flu IL10 SFU per M
47	IL10_LPS	Num	8	BEST12.	BEST32.	LPS IL10 SFU per M
48	IL10 pha	Num	8	BEST12.	BEST32.	PHA IL10 SFU per M
49	IL10_hbv_sum	Num	8	BEST12.	BEST32.	Sum HBV IL10 SFU per M
50	lymphtotal	Num	8	BEST12.	BEST32.	P_Lymph/Total
51	lymph1	Num	8	BEST12.	BEST32.	P_Aqua-/Lymph+
52	lymph2	Num	8	BEST12.	BEST32.	P_CD3+ /Aqua-/Lymph+
53	lymph3	Num	8	BEST12.	BEST32.	P_CD4+ /Aqua-Lymph
54	lymph4	Num	8	BEST12.	BEST32.	P_CD8+ /Aqua-Lymph
55	lymph5	Num	8	BEST12.	BEST32.	P_FoxP3+CD4+ /Aqua-Lymph
56	lymph6	Num	8	BEST12.	BEST32.	P_CD4+CD8- /CD3+/Aqua-Lymph
57	lymph7	Num	8	BEST12.	BEST32.	P_CD4-CD8+ /CD3+/Aqua-Lymph
58	lymph8	Num	8	BEST12.	BEST32.	P_CD4+Foxp3+ /CD3+/Aqua-Lymph
59	lymph9	Num	8	BEST12.	BEST32.	P_CD4+Foxp3+ /CD4+CD8-/CD3+/Aqua-Lymph
60	lymph10	Num	8	BEST12.	BEST32.	P_PD1+ /CD4+CD8-/CD3+/Aqua-Lymph
61	lymph11	Num	8	BEST12.	BEST32.	P_PD-1+hi /CD4+CD8-/CD3+/Aqua-Lymph
62	lymph12	Num	8	BEST12.	BEST32.	P_CTLA4+/CD4+CD8-/CD3+/Aqua-Lymph
63	lymph13	Num	8	BEST12.	BEST32.	P_CD28+ /CD4+CD8-/CD3+/Aqua-Lymph
64	lymph14	Num	8	BEST12.	BEST32.	P_CD127+/CD4+CD8-/CD3+/Aqua-Lymph
65	lymph15	Num	8	BEST12.	BEST32.	P_CD8+Foxp3+ /CD4-CD8+/CD3+/Aqua-Lymph
66	lymph16	Num	8	BEST12.	BEST32.	P_PD1+ /CD4-CD8+/CD3+/Aqua-Lymph
67	lymph17	Num	8	BEST12.	BEST32.	P_PD1+hi /CD4-CD8+/CD3+/Aqua-Lymph
68	lymph18	Num	8	BEST12.	BEST32.	P_CTLA4+/CD4-CD8+/CD3+/Aqua-Lymph
69	lymph19	Num	8	BEST12.	BEST32.	P_CD28+ /CD4-CD8+/CD3+/Aqua-Lymph
70	lymph20	Num	8	BEST12.	BEST32.	P_CD127+ /CD4-CD8+/CD3+/Aqua-Lymph
71	lymph21	Num	8	BEST12.	BEST32.	MFI CTLA-4+ /CD4+CD8-/CD3+/Aqua-Lymph
72	lymph22	Num	8	BEST12.	BEST32.	MFI Foxp3+ /CD4+CD8-/CD3+/Aqua-Lymph
73	lymph23	Num	8	BEST12.	BEST32.	MFI CD127+ /CD4+CD8-/CD3+/Aqua-Lymph
74	lymph24	Num	8	BEST12.	BEST32.	MFI PD1+ /CD4+CD8-/CD3+/Aqua-Lymph
75	lymph25	Num	8	BEST12.	BEST32.	MFI CD28+ /CD4+CD8-/CD3+/Aqua-Lymph
76	lymph26	Num	8	BEST12.	BEST32.	MFI CTLA-4+ /CD4-CD8+/CD3+/Aqua-Lymph

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77	lymph27	Num	8	BEST12.	BEST32.	MFI Foxp3+/CD4-CD8+/CD3+/Aqua-Lymph
78	lymph28	Num	8	BEST12.	BEST32.	MFI CD127+/CD4-CD8+/CD3+/Aqua-Lymph
79	lymph29	Num	8	BEST12.	BEST32.	MFI PD-1+/CD4-CD8+/CD3+/Aqua-Lymph
80	lymph30	Num	8	BEST12.	BEST32.	MFI CD28+/CD4-CD8+/CD3+/Aqua-Lymph
81	lymph31	Num	8	BEST12.	BEST32.	P_CD28+ /CTLA4+/CD4+CD8-/CD3+/Aqua-/Lymph+
82	lymph32	Num	8	BEST12.	BEST32.	P_CD127+ /CTLA4+/CD4+CD8-/CD3+/Aqua-/Lymph+
83	lymph33	Num	8	BEST12.	BEST32.	P_PD1+ /CTLA4+/CD4+CD8-/CD3+/Aqua-/Lymph+
84	lymph34	Num	8	BEST12.	BEST32.	P_PD1+hi /CTLA4+/CD4+CD8-/CD3+/Aqua-/Lymph+
85	lymph35	Num	8	BEST12.	BEST32.	P_CTLA-4+ /CD28+/CD4+CD8-/CD3+/Aqua-/Lymph+
86	lymph36	Num	8	BEST12.	BEST32.	P_CD127+ /CD28+/CD4+CD8-/CD3+/Aqua-/Lymph+
87	lymph37	Num	8	BEST12.	BEST32.	P_PD1+ /CD28+/CD4+CD8-/CD3+/Aqua-/Lymph+
88	lymph38	Num	8	BEST12.	BEST32.	P_PD1+hi /CD28+/CD4+CD8-/CD3+/Aqua-/Lymph+
89	lymph39	Num	8	BEST12.	BEST32.	P_CTLA-4+ /CD127+/CD4+CD8-/CD3+/Aqua-/Lymph+
90	lymph40	Num	8	BEST12.	BEST32.	P_CD28+ /CD127+/CD4+CD8-/CD3+/Aqua-/Lymph+
91	lymph41	Num	8	BEST12.	BEST32.	P_PD1+ /CD127+/CD4+CD8-/CD3+/Aqua-/Lymph+
92	lymph42	Num	8	BEST12.	BEST32.	P_PD1+hi /CD127+/CD4+CD8-/CD3+/Aqua-/Lymph+
93	lymph43	Num	8	BEST12.	BEST32.	P_CTLA-4+ /PD1+/CD4+CD8-/CD3+/Aqua-/Lymph+
94	lymph44	Num	8	BEST12.	BEST32.	P_CD28+ /PD1+/CD4+CD8-/CD3+/Aqua-/Lymph+
95	lymph45	Num	8	BEST12.	BEST32.	P_CD127+ /PD1+/CD4+CD8-/CD3+/Aqua-/Lymph+
96	lymph46	Num	8	BEST12.	BEST32.	P_PD1+ hi+ /PD1+/CD4+CD8-/CD3+/Aqua-/Lymph+
97	lymph47	Num	8	BEST12.	BEST32.	P_CTLA-4+ /PD-1+hi/CD4+CD8-/CD3+/Aqua-/Lymph+
98	lymph48	Num	8	BEST12.	BEST32.	P_CD28+ /PD-1+hi/CD4+CD8-/CD3+/Aqua-/Lymph+
99	lymph49	Num	8	BEST12.	BEST32.	P_CD127+ /PD-1+hi/CD4+CD8-/CD3+/Aqua-/Lymph+
100	lymph50	Num	8	BEST12.	BEST32.	P_CD28+ /CTLA4+/CD4-CD8+/CD3+/Aqua-/Lymph+
101	lymph51	Num	8	BEST12.	BEST32.	P_CD127+ /CTLA4+/CD4-CD8+/CD3+/Aqua-/Lymph+
102	lymph52	Num	8	BEST12.	BEST32.	P_PD-1+ /CTLA4+/CD4-CD8+/CD3+/Aqua-/Lymph+
103	lymph53	Num	8	BEST12.	BEST32.	P_PD-1+hi /CTLA4+/CD4-CD8+/CD3+/Aqua-/Lymph+
104	lymph54	Num	8	BEST12.	BEST32.	P_CTLA-4+ /CD28+/CD4-CD8+/CD3+/Aqua-/Lymph+
105	lymph55	Num	8	BEST12.	BEST32.	P_CD127+ /CD28+/CD4-CD8+/CD3+/Aqua-/Lymph+
106	lymph56	Num	8	BEST12.	BEST32.	P_PD1+ /CD28+/CD4-CD8+/CD3+/Aqua-/Lymph+
107	lymph57	Num	8	BEST12.	BEST32.	P_PD1+hi /CD28+/CD4-CD8+/CD3+/Aqua-/Lymph+
108	lymph58	Num	8	BEST12.	BEST32.	P_CTLA-4+ /CD127+/CD4-CD8+/CD3+/Aqua-/Lymph+
109	lymph59	Num	8	BEST12.	BEST32.	P_CD28+ /CD127+/CD4-CD8+/CD3+/Aqua-/Lymph+
110	lymph60	Num	8	BEST12.	BEST32.	P_PD1+ /CD127+/CD4-CD8+/CD3+/Aqua-/Lymph+
111	lymph61	Num	8	BEST12.	BEST32.	P_PD1+hi /CD127+/CD4-CD8+/CD3+/Aqua-/Lymph+
112	lymph62	Num	8	BEST12.	BEST32.	P_CTLA-4+ /PD1+/CD4-CD8+/CD3+/Aqua-/Lymph+
113	lymph63	Num	8	BEST12.	BEST32.	P_CD28+ /PD1+/CD4-CD8+/CD3+/Aqua-/Lymph+
114	lymph64	Num	8	BEST12.	BEST32.	P_CD127+ /PD1+/CD4-CD8+/CD3+/Aqua-/Lymph+
115	lymph65	Num	8	BEST12.	BEST32.	P_PD1+ hi+ /PD1+/CD4-CD8+/CD3+/Aqua-/Lymph+

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116	lymph66	Num	8	BEST12.	BEST32.	P_CTLA-4+ /PD-1+hi/CD4-CD8+/CD3+/Aqua-/Lymph+
117	lymph67	Num	8	BEST12.	BEST32.	P_CD28+ /PD-1+hi/CD4-CD8+/CD3+/Aqua-/Lymph+
118	lymph68	Num	8	BEST12.	BEST32.	P_CD127+ /PD-1+hi/CD4-CD8+/CD3+/Aqua-/Lymph+
119	lymph69	Num	8	BEST12.	BEST32.	P_CD4-Foxp3+ /CD3+/Aqua-/Lymph+
120	lymph70	Num	8	BEST12.	BEST32.	P_CD4+Foxp3+ /CD3+/Aqua-/Lymph+
121	lymph71	Num	8	BEST12.	BEST32.	MFI CTLA4+/CD3+/Aqua-/Lymph+
122	lymph72	Num	8	BEST12.	BEST32.	MFI Foxp3+CD3+/Aqua-/Lymph+
123	lymph73	Num	8	BEST12.	BEST32.	MFI CD127+/CD3+/Aqua-/Lymph+
124	lymph74	Num	8	BEST12.	BEST32.	MFI PD1+ /CD3+/Aqua-/Lymph+
125	lymph75	Num	8	BEST12.	BEST32.	MFI CD28+ /CD3+/Aqua-/Lymph+
126	lymph76	Num	8	BEST12.	BEST32.	P_CTLA4+ /CD3+/Aqua-/Lymph+
127	lymph77	Num	8	BEST12.	BEST32.	P_CD28+ /CTLA-4+/CD3+/Aqua-/Lymph+
128	lymph78	Num	8	BEST12.	BEST32.	P_CD127+ /CTLA-4+/CD3+/Aqua-/Lymph+
129	lymph79	Num	8	BEST12.	BEST32.	P_PD-1+ /CTLA-4+/CD3+/Aqua-/Lymph+
130	lymph80	Num	8	BEST12.	BEST32.	P_PD1+hi /CTLA-4+/CD3+/Aqua-/Lymph+
131	lymph81	Num	8	BEST12.	BEST32.	P_CD28+ /CD3+/Aqua-/Lymph+
132	lymph82	Num	8	BEST12.	BEST32.	P_CTLA-4+ /CD28+/CD3+/Aqua-/Lymph+
133	lymph83	Num	8	BEST12.	BEST32.	P_CD127+ /CD28+/CD3+/Aqua-/Lymph+
134	lymph84	Num	8	BEST12.	BEST32.	P_PD-1+ /CD28+/CD3+/Aqua-/Lymph+
135	lymph85	Num	8	BEST12.	BEST32.	P_PD1+h /CD28+/CD3+/Aqua-/Lymph+
136	lymph86	Num	8	BEST12.	BEST32.	P_CD127+ /CD3+/Aqua-/Lymph+
137	lymph87	Num	8	BEST12.	BEST32.	P_CTLA-4+ /CD127+/CD3+/Aqua-/Lymph+
138	lymph88	Num	8	BEST12.	BEST32.	P_CD28+ /CD127+/CD3+/Aqua-/Lymph+
139	lymph89	Num	8	BEST12.	BEST32.	P_PD1+ /CD127+/CD3+/Aqua-/Lymph+
140	lymph90	Num	8	BEST12.	BEST32.	P_PD1+hi /CD127+/CD3+/Aqua-/Lymph+
141	lymph91	Num	8	BEST12.	BEST32.	P_PD1+ /CD3+/Aqua-/Lymph+
142	lymph92	Num	8	BEST12.	BEST32.	P_CTLA-4+ /PD1+/CD3+/Aqua-/Lymph+
143	lymph93	Num	8	BEST12.	BEST32.	P_CD28+ /PD1+/CD3+/Aqua-/Lymph+
144	lymph94	Num	8	BEST12.	BEST32.	P_CD127+ /PD1+/CD3+/Aqua-/Lymph+
145	lymph95	Num	8	BEST12.	BEST32.	P_PD1+ hi+ /PD1+/CD3+/Aqua-/Lymph+
146	lymph96	Num	8	BEST12.	BEST32.	P_PD1+hi /CD3+/Aqua-/Lymph+
147	lymph97	Num	8	BEST12.	BEST32.	P_CTLA-4+ /PD-1+hi/CD3+/Aqua-/Lymph+
148	lymph98	Num	8	BEST12.	BEST32.	P_CD28+ /PD-1+hi/CD3+/Aqua-/Lymph+
149	lymph99	Num	8	BEST12.	BEST32.	P_CD127+ /PD-1+hi/CD3+/Aqua-/Lymph+
150	lymph100	Num	8	BEST12.	BEST32.	P_Lymph/Total
151	lymph101	Num	8	BEST12.	BEST32.	P_Aqua- /Lymph+
152	lymph102	Num	8	BEST12.	BEST32.	P_CD3+ /Aqua-/Lymph+
153	lymph103	Num	8	BEST12.	BEST32.	P_CD56+hi /CD3+/Aqua-/Lymph+
154	lymph104	Num	8	BEST12.	BEST32.	P_CD56+int /CD3+/Aqua-/Lymph+

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155	lymph105	Num	8	BEST12.	BEST32.	P_CD56+ /CD3+/Aqua-/Lymph+
156	lymph106	Num	8	BEST12.	BEST32.	P_CD56+hi CD3+ /Aqua-Lymph
157	lymph107	Num	8	BEST12.	BEST32.	P_CD56+int CD3+/Aqua-Lymph
158	lymph108	Num	8	BEST12.	BEST32.	P_CD56+CD3+ /Aqua-Lymph
159	lymph109	Num	8	BEST12.	BEST32.	P_CD3- /Aqua-/Lymph+
160	lymph110	Num	8	BEST12.	BEST32.	P_CD56+hi CD3- /Aqua-Lymph
161	lymph111	Num	8	BEST12.	BEST32.	P_CD56+int CD3- /Aqua-Lymph
162	lymph112	Num	8	BEST12.	BEST32.	P_CD56+ CD3- /Aqua-Lymph
163	lymph113	Num	8	BEST12.	BEST32.	MFI NKG2C+ /CD3-/Aqua-/Lymph+
164	lymph114	Num	8	BEST12.	BEST32.	MFI NKp30+ /CD3-/Aqua-/Lymph+
165	lymph115	Num	8	BEST12.	BEST32.	MFI NKp46+ /CD3-/Aqua-/Lymph+
166	lymph116	Num	8	BEST12.	BEST32.	MFI NKG2D+ /CD3-/Aqua-/Lymph+
167	lymph117	Num	8	BEST12.	BEST32.	CD56hiCD16-CD3-/Aqua-/Lymph+
168	lymph118	Num	8	BEST12.	BEST32.	P_CD56+CD16-CD3-/Aqua-/Lymph+
169	lymph119	Num	8	BEST12.	BEST32.	P_CD56+CD16+CD3-/Aqua-/Lymph+
170	lymph120	Num	8	BEST12.	BEST32.	P_CD56-CD16+CD3-/Aqua-/Lymph+
171	lymph121	Num	8	BEST12.	BEST32.	P_CD56-CD16-CD3-/Aqua-/Lymph+
172	lymph122	Num	8	BEST12.	BEST32.	P_CD56+hi /CD3-/Aqua-/Lymph+
173	lymph123	Num	8	BEST12.	BEST32.	MFI NKG2C+ /CD56+hi/CD3-/Aqua-/Lymph+
174	lymph124	Num	8	BEST12.	BEST32.	MFI NKp30+ /CD56+hi/CD3-/Aqua-/Lymph+
175	lymph125	Num	8	BEST12.	BEST32.	MFI NKp46+ /CD56+hi/CD3-/Aqua-/Lymph+
176	lymph126	Num	8	BEST12.	BEST32.	MFI NKG2D+ /CD56+hi/CD3-/Aqua-/Lymph+
177	lymph127	Num	8	BEST12.	BEST32.	P_NKG2C/CD56hi/CD3-/Aqua-/Lymph+
178	lymph128	Num	8	BEST12.	BEST32.	P_NKG2D/CD56hi/CD3-/Aqua-/Lymph+
179	lymph129	Num	8	BEST12.	BEST32.	P_NKp30/CD56hi/CD3-/Aqua-/Lymph+
180	lymph130	Num	8	BEST12.	BEST32.	P_NKp46/CD56hi/CD3-/Aqua-/Lymph+
181	lymph131	Num	8	BEST12.	BEST32.	P_CD56int /CD3-/Aqua-/Lymph+
182	lymph132	Num	8	BEST12.	BEST32.	MFI NKG2C+ /CD56int/CD3-/Aqua-/Lymph+
183	lymph133	Num	8	BEST12.	BEST32.	MFI NKp30+ /CD56int/CD3-/Aqua-/Lymph+
184	lymph134	Num	8	BEST12.	BEST32.	MFI NKp46+ /CD56int/CD3-/Aqua-/Lymph+
185	lymph135	Num	8	BEST12.	BEST32.	MFI NKG2D+ /CD56int/CD3-/Aqua-/Lymph+
186	lymph136	Num	8	BEST12.	BEST32.	P_NKG2C/CD56int/CD3-/Aqua-/Lymph+
187	lymph137	Num	8	BEST12.	BEST32.	P_NKG2D/CD56int/CD3-/Aqua-/Lymph+
188	lymph138	Num	8	BEST12.	BEST32.	P_NKp30/CD56int/CD3-/Aqua-/Lymph+
189	lymph139	Num	8	BEST12.	BEST32.	P_NKp46/CD56int/CD3-/Aqua-/Lymph+
190	lymph140	Num	8	BEST12.	BEST32.	P_CD56+ /CD3-/Aqua-/Lymph+
191	lymph141	Num	8	BEST12.	BEST32.	MFI NKG2C+ /CD56+/CD3-/Aqua-/Lymph+
192	lymph142	Num	8	BEST12.	BEST32.	MFI NKp30+ /CD56+/CD3-/Aqua-/Lymph+
193	lymph143	Num	8	BEST12.	BEST32.	MFI NKp46+ /CD56+/CD3-/Aqua-/Lymph+

Num	Variable	Type	Len	Format	Informat	Label
194	lymph144	Num	8	BEST12.	BEST32.	MFI NKG2D+ /CD56+/CD3-/Aqua-/Lymph+
195	lymph145	Num	8	BEST12.	BEST32.	P_NKG2C+ /CD56+/CD3-/Aqua-/Lymph+
196	lymph146	Num	8	BEST12.	BEST32.	P_NKG2D+ /CD56+/CD3-/Aqua-/Lymph+
197	lymph147	Num	8	BEST12.	BEST32.	P_NKp30+ /CD56+/CD3-/Aqua-/Lymph+
198	lymph148	Num	8	BEST12.	BEST32.	P_NKp46+ /CD56+/CD3-/Aqua-/Lymph+
199	lymph149	Num	8	BEST12.	BEST32.	P_CD56- /CD3-/Aqua-/Lymph+
200	lymph150	Num	8	BEST12.	BEST32.	MFI NKG2C+ /CD56-/CD3-/Aqua-/Lymph+
201	lymph151	Num	8	BEST12.	BEST32.	MFI NKp30+ /CD56-/CD3-/Aqua-/Lymph+
202	lymph152	Num	8	BEST12.	BEST32.	MFI NKp46+ /CD56-/CD3-/Aqua-/Lymph+
203	lymph153	Num	8	BEST12.	BEST32.	MFI NKG2D+ /CD56-/CD3-/Aqua-/Lymph+
204	lymph154	Num	8	BEST12.	BEST32.	CD56hiCD16-/CD3-/Aqua-/Lymph+
205	lymph155	Num	8	BEST12.	BEST32.	P_NKG2C/CD56hiCD16-/CD3-/Aqua-/Lymph+
206	lymph156	Num	8	BEST12.	BEST32.	P_NKG2D/CD56hiCD16-/CD3-/Aqua-/Lymph+
207	lymph157	Num	8	BEST12.	BEST32.	P_NKp30/CD56hiCD16-/CD3-/Aqua-/Lymph+
208	lymph158	Num	8	BEST12.	BEST32.	P_NKp46/CD56hiCD16-/CD3-/Aqua-/Lymph+
209	lymph159	Num	8	BEST12.	BEST32.	P_CD56+CD16- /CD3-/Aqua-/Lymph+
210	lymph160	Num	8	BEST12.	BEST32.	MFI NKG2C+ /CD56+CD16-/CD3-/Aqua-/Lymph+
211	lymph161	Num	8	BEST12.	BEST32.	MFI NKp30+ /CD56+CD16-/CD3-/Aqua-/Lymph+
212	lymph162	Num	8	BEST12.	BEST32.	MFI NKp46+ /CD56+CD16-/CD3-/Aqua-/Lymph+
213	lymph163	Num	8	BEST12.	BEST32.	MFI NKG2D+ /CD56+CD16-/CD3-/Aqua-/Lymph+
214	lymph164	Num	8	BEST12.	BEST32.	P_CD56hi /CD56+CD16-/CD3-/Aqua-/Lymph+
215	lymph165	Num	8	BEST12.	BEST32.	P_CD56int /CD56+CD16-/CD3-/Aqua-/Lymph+
216	lymph166	Num	8	BEST12.	BEST32.	P_NKG2C+ /CD56+CD16-/CD3-/Aqua-/Lymph+
217	lymph167	Num	8	BEST12.	BEST32.	P_NKG2D+ /CD56+CD16-/CD3-/Aqua-/Lymph+
218	lymph168	Num	8	BEST12.	BEST32.	P_NKp30+ /CD56+CD16-/CD3-/Aqua-/Lymph+
219	lymph169	Num	8	BEST12.	BEST32.	P_NKp46+ /CD56+CD16-/CD3-/Aqua-/Lymph+
220	lymph170	Num	8	BEST12.	BEST32.	P_CD56+CD16+ /CD3-/Aqua-/Lymph+
221	lymph171	Num	8	BEST12.	BEST32.	MFI NKG2C+ /CD56+CD16+/CD3-/Aqua-/Lymph+
222	lymph172	Num	8	BEST12.	BEST32.	MFI NKp30+ /CD56+CD16+/CD3-/Aqua-/Lymph+
223	lymph173	Num	8	BEST12.	BEST32.	MFI NKp46+ /CD56+CD16+/CD3-/Aqua-/Lymph+
224	lymph174	Num	8	BEST12.	BEST32.	MFI NKG2D+ /CD56+CD16+/CD3-/Aqua-/Lymph+
225	lymph175	Num	8	BEST12.	BEST32.	P_CD56hi+ /CD56+CD16+/CD3-/Aqua-/Lymph+
226	lymph176	Num	8	BEST12.	BEST32.	P_CD56int+ /CD56+CD16+/CD3-/Aqua-/Lymph+
227	lymph177	Num	8	BEST12.	BEST32.	P_NKG2C+ /CD56+CD16+/CD3-/Aqua-/Lymph+
228	lymph178	Num	8	BEST12.	BEST32.	P_NKG2D+ /CD56+CD16+/CD3-/Aqua-/Lymph+
229	lymph179	Num	8	BEST12.	BEST32.	P_NKp30+ /CD56+CD16+/CD3-/Aqua-/Lymph+
230	lymph180	Num	8	BEST12.	BEST32.	P_NKp46+ /CD56+CD16+/CD3-/Aqua-/Lymph+
231	lymph181	Num	8	BEST12.	BEST32.	P_CD56-CD16+ /CD3-/Aqua-/Lymph+
232	lymph182	Num	8	BEST12.	BEST32.	MFI NKG2C+ /CD56-CD16+/CD3-/Aqua-/Lymph+

Num	Variable	Type	Len	Format	Informat	Label
233	lymph183	Num	8	BEST12.	BEST32.	MFI NKp30+ /CD56-CD16+/CD3-/Aqua-/Lymph+
234	lymph184	Num	8	BEST12.	BEST32.	MFI NKp46+ /CD56-CD16+/CD3-/Aqua-/Lymph+
235	lymph185	Num	8	BEST12.	BEST32.	MFI NKG2D+ /CD56-CD16+/CD3-/Aqua-/Lymph+
236	lymph186	Num	8	BEST12.	BEST32.	P_NKG2C+/CD56-CD16+/CD3-/Aqua-/Lymph+
237	lymph187	Num	8	BEST12.	BEST32.	P_NKG2D+/CD56-CD16+/CD3-/Aqua-/Lymph+
238	lymph188	Num	8	BEST12.	BEST32.	P_NKp30+/CD56-CD16+/CD3-/Aqua-/Lymph+
239	lymph189	Num	8	BEST12.	BEST32.	P_NKp46+/CD56-CD16+/CD3-/Aqua-/Lymph+
240	lymph190	Num	8	BEST12.	BEST32.	P_CD56-CD16- /CD3-/Aqua-/Lymph+
241	lymph191	Num	8	BEST12.	BEST32.	MFI NKG2C+ /CD56-CD16-/CD3-/Aqua-/Lymph+
242	lymph192	Num	8	BEST12.	BEST32.	MFI NKp30+ /CD56-CD16-/CD3-/Aqua-/Lymph+
243	lymph193	Num	8	BEST12.	BEST32.	MFI NKp46+ /CD56-CD16-/CD3-/Aqua-/Lymph+
244	lymph194	Num	8	BEST12.	BEST32.	MFI NKG2D+ /CD56-CD16-/CD3-/Aqua-/Lymph+
245	lymph_totperc	Num	8	BEST12.	BEST32.	P_Lymph/Total
246	aquaneg_perc	Num	8	BEST12.	BEST32.	P_Aqua-/Lymph+
247	Aquaneg_count	Num	8	BEST12.	BEST32.	Count/Aqua-/Lym
248	lymph195	Num	8	BEST12.	BEST32.	P_CD3+ /Aqua-/Lymph+
249	lymph196	Num	8	BEST12.	BEST32.	P_CD56+hi CD3+/Aqua-Lymph+
250	lymph197	Num	8	BEST12.	BEST32.	P_CD56+intCD3+/Aqua-Lymph+
251	lymph198	Num	8	BEST12.	BEST32.	P_CD56+CD3+/Aqua-Lymph+
252	lymph199	Num	8	BEST12.	BEST32.	P_CD56+hi /CD3+/Aqua-/Lymph+
253	lymph200	Num	8	BEST12.	BEST32.	P_CD56+int /CD3+/Aqua-/Lymph+
254	lymph201	Num	8	BEST12.	BEST32.	P_CD56+ /CD3+/Aqua-/Lymph+
255	lymph202	Num	8	BEST12.	BEST32.	P_CD3- /Aqua-Lymph+
256	lymph203	Num	8	BEST12.	BEST32.	P_CD56hi CD3-/Aqua-Lymph
257	lymph204	Num	8	BEST12.	BEST32.	P_CD56int CD3-/Aqua-Lymph
258	lymph205	Num	8	BEST12.	BEST32.	P_CD56+ CD3-/Aqua-Lymph
259	lymph206	Num	8	BEST12.	BEST32.	P_CD56- CD3-/Aqua-Lymph
260	lymph207	Num	8	BEST12.	BEST32.	CD56hiCD16- CD3-/Aqua-Lymph
261	lymph208	Num	8	BEST12.	BEST32.	P_CD56+CD16- CD3-/Aqua-Lymph
262	lymph209	Num	8	BEST12.	BEST32.	P_CD56+CD16+ CD3-/Aqua-Lymph
263	lymph210	Num	8	BEST12.	BEST32.	P_CD56-CD16+ CD3-/Aqua-Lymph
264	lymph211	Num	8	BEST12.	BEST32.	P_CD56-CD16- CD3-/Aqua-Lymph
265	lymph212	Num	8	BEST12.	BEST32.	MFI NKG2A+ /CD3-/Aqua-/Lymph+
266	lymph213	Num	8	BEST12.	BEST32.	MFI CD94+/CD3-/Aqua-/Lymph+
267	lymph214	Num	8	BEST12.	BEST32.	MFI CD158b+/CD3-/Aqua-/Lymph+
268	lymph215	Num	8	BEST12.	BEST32.	MFI CD158a+/CD3-/Aqua-/Lymph+
269	lymph216	Num	8	BEST12.	BEST32.	P_CD56hi /CD3-/Aqua-/Lymph+
270	lymph217	Num	8	BEST12.	BEST32.	MFI NKG2A+ /CD56hi/CD3-/Aqua-/Lymph+
271	lymph218	Num	8	BEST12.	BEST32.	MFI CD94+ /CD56hi/CD3-/Aqua-/Lymph+

Num	Variable	Type	Len	Format	Informat	Label
272	lymph219	Num	8	BEST12.	BEST32.	MFI CD158b+ /CD56hi/CD3-/Aqua-/Lymph+
273	lymph220	Num	8	BEST12.	BEST32.	MFI CD158a+ /CD56hi/CD3-/Aqua-/Lymph+
274	lymph221	Num	8	BEST12.	BEST32.	P_CD94+/CD56hi/CD3-/Aqua-/Lymph+
275	lymph222	Num	8	BEST12.	BEST32.	P_CD158a+/CD56hi/CD3-/Aqua-/Lymph+
276	lymph223	Num	8	BEST12.	BEST32.	P_CD158b+/CD56hi/CD3-/Aqua-/Lymph+
277	lymph224	Num	8	BEST12.	BEST32.	P_NKG2A+/CD56hi/CD3-/Aqua-/Lymph+
278	lymph225	Num	8	BEST12.	BEST32.	P_CD56int /CD3-/Aqua-/Lymph+
279	lymph226	Num	8	BEST12.	BEST32.	MFI NKG2A+ /CD56int/CD3-/Aqua-/Lymph+
280	lymph227	Num	8	BEST12.	BEST32.	MFI CD94+ /CD56int/CD3-/Aqua-/Lymph+
281	lymph228	Num	8	BEST12.	BEST32.	MFI CD158b+ /CD56int/CD3-/Aqua-/Lymph+
282	lymph229	Num	8	BEST12.	BEST32.	MFI CD158a+ /CD56int/CD3-/Aqua-/Lymph+
283	lymph230	Num	8	BEST12.	BEST32.	CD94+/CD56int/CD3-/Aqua-/Lymph+
284	lymph231	Num	8	BEST12.	BEST32.	P_CD158a+/CD56int/CD3-/Aqua-/Lymph+
285	lymph232	Num	8	BEST12.	BEST32.	P_CD158b+/CD56int/CD3-/Aqua-/Lymph+
286	lymph233	Num	8	BEST12.	BEST32.	P_NKG2A+/CD56int/CD3-/Aqua-/Lymph+
287	lymph234	Num	8	BEST12.	BEST32.	P_CD56+ /CD3-/Aqua-/Lymph+
288	lymph235	Num	8	BEST12.	BEST32.	MFI NKG2A+ /CD56+/CD3-/Aqua-/Lymph+
289	lymph236	Num	8	BEST12.	BEST32.	MFI CD94+ /CD56+/CD3-/Aqua-/Lymph+
290	lymph237	Num	8	BEST12.	BEST32.	MFI CD158b+ /CD56+/CD3-/Aqua-/Lymph+
291	lymph238	Num	8	BEST12.	BEST32.	MFI CD158a+ /CD56+/CD3-/Aqua-/Lymph+
292	lymph239	Num	8	BEST12.	BEST32.	P_CD94+ /CD56+/CD3-/Aqua-/Lymph+
293	lymph240	Num	8	BEST12.	BEST32.	P_CD158a+ /CD56+/CD3-/Aqua-/Lymph+
294	lymph241	Num	8	BEST12.	BEST32.	P_CD158b+ /CD56+/CD3-/Aqua-/Lymph+
295	lymph242	Num	8	BEST12.	BEST32.	P_NKG2A+ /CD56+/CD3-/Aqua-/Lymph+
296	lymph243	Num	8	BEST12.	BEST32.	P_CD56- /CD3-/Aqua-/Lymph+
297	lymph244	Num	8	BEST12.	BEST32.	MFI NKG2A+ /CD56-/CD3-/Aqua-/Lymph+
298	lymph245	Num	8	BEST12.	BEST32.	MFI CD94+ /CD56-/CD3-/Aqua-/Lymph+
299	lymph246	Num	8	BEST12.	BEST32.	MFI CD158b+ /CD56-/CD3-/Aqua-/Lymph+
300	lymph247	Num	8	BEST12.	BEST32.	MFI CD158a+ /CD56-/CD3-/Aqua-/Lymph+
301	lymph248	Num	8	BEST12.	BEST32.	CD56hiCD16- /CD3-/Aqua-/Lymph+
302	lymph249	Num	8	BEST12.	BEST32.	CD94+/CD56hiCD16-/CD3-/Aqua-/Lymph+
303	lymph250	Num	8	BEST12.	BEST32.	CD158a+/CD56hiCD16-/CD3-/Aqua-/Lymph+
304	lymph251	Num	8	BEST12.	BEST32.	CD158b+/CD56hiCD16-/CD3-/Aqua-/Lymph+
305	lymph252	Num	8	BEST12.	BEST32.	NKG2A+/CD56hiCD16-/CD3-/Aqua-/Lymph+
306	lymph253	Num	8	BEST12.	BEST32.	P_CD56+CD16- /CD3-/Aqua-/Lymph+
307	lymph254	Num	8	BEST12.	BEST32.	MFI NKG2A+ /CD56+CD16-/CD3-/Aqua-/Lymph+
308	lymph255	Num	8	BEST12.	BEST32.	MFI CD94+ /CD56+CD16-/CD3-/Aqua-/Lymph+
309	lymph256	Num	8	BEST12.	BEST32.	MFI CD158b+ /CD56+CD16-/CD3-/Aqua-/Lymph+
310	lymph257	Num	8	BEST12.	BEST32.	MFI CD158a+ /CD56+CD16-/CD3-/Aqua-/Lymph+

Num	Variable	Type	Len	Format	Informat	Label
311	lymph258	Num	8	BEST12.	BEST32.	P_CD56hi /CD56+CD16-/CD3-/Aqua-/Lymph+
312	lymph259	Num	8	BEST12.	BEST32.	P_CD56int /CD56+CD16-/CD3-/Aqua-/Lymph+
313	lymph260	Num	8	BEST12.	BEST32.	P_CD94+ /CD56+CD16-/CD3-/Aqua-/Lymph+
314	lymph261	Num	8	BEST12.	BEST32.	P_CD158a+ /CD56+CD16-/CD3-/Aqua-/Lymph+
315	lymph262	Num	8	BEST12.	BEST32.	P_CD158b+ /CD56+CD16-/CD3-/Aqua-/Lymph+
316	lymph263	Num	8	BEST12.	BEST32.	P_NKG2A+ /CD56+CD16-/CD3-/Aqua-/Lymph+
317	lymph264	Num	8	BEST12.	BEST32.	P_CD56+CD16+ /CD3-/Aqua-/Lymph+
318	lymph265	Num	8	BEST12.	BEST32.	MFI NKG2A+ /CD56+CD16+/CD3-/Aqua-/Lymph+
319	lymph266	Num	8	BEST12.	BEST32.	MFI CD94+ /CD56+CD16+/CD3-/Aqua-/Lymph+
320	lymph267	Num	8	BEST12.	BEST32.	MFI CD158b+ /CD56+CD16+/CD3-/Aqua-/Lymph+
321	lymph268	Num	8	BEST12.	BEST32.	MFI CD158a+ /CD56+CD16+/CD3-/Aqua-/Lymph+
322	lymph269	Num	8	BEST12.	BEST32.	P_CD56hi /CD56+CD16+/CD3-/Aqua-/Lymph+
323	lymph270	Num	8	BEST12.	BEST32.	P_CD56int /CD56+CD16+/CD3-/Aqua-/Lymph+
324	lymph271	Num	8	BEST12.	BEST32.	P_CD94+ /CD56+CD16+/CD3-/Aqua-/Lymph+
325	lymph272	Num	8	BEST12.	BEST32.	P_CD158a+ /CD56+CD16+/CD3-/Aqua-/Lymph+
326	lymph273	Num	8	BEST12.	BEST32.	P_CD158b+ /CD56+CD16+/CD3-/Aqua-/Lymph+
327	lymph274	Num	8	BEST12.	BEST32.	P_NKG2A+ /CD56+CD16+/CD3-/Aqua-/Lymph+
328	lymph275	Num	8	BEST12.	BEST32.	P_CD56-CD16+ /CD3-/Aqua-/Lymph+
329	lymph276	Num	8	BEST12.	BEST32.	MFI NKG2A+ /CD56-CD16+/CD3-/Aqua-/Lymph+
330	lymph277	Num	8	BEST12.	BEST32.	MFI CD94+ /CD56-CD16+/CD3-/Aqua-/Lymph+
331	lymph278	Num	8	BEST12.	BEST32.	MFI CD158b+ /CD56-CD16+/CD3-/Aqua-/Lymph+
332	lymph279	Num	8	BEST12.	BEST32.	MFI CD158a+ /CD56-CD16+/CD3-/Aqua-/Lymph+
333	lymph280	Num	8	BEST12.	BEST32.	P_CD94+/CD56-CD16+/CD3-/Aqua-/Lymph+
334	lymph281	Num	8	BEST12.	BEST32.	P_CD158a+/CD56-CD16+/CD3-/Aqua-/Lymph+
335	lymph282	Num	8	BEST12.	BEST32.	P_CD158b+/CD56-CD16+/CD3-/Aqua-/Lymph+
336	lymph283	Num	8	BEST12.	BEST32.	P_NKG2A+/CD56-CD16+/CD3-/Aqua-/Lymph+
337	lymph284	Num	8	BEST12.	BEST32.	P_CD56-CD16- /CD3-/Aqua-/Lymph+
338	lymph285	Num	8	BEST12.	BEST32.	NKG2A+/CD56-CD16-/CD3-/Aqua-/Lymph+
339	lymph286	Num	8	BEST12.	BEST32.	CD94+/CD56-CD16-/CD3-/Aqua-/Lymph+
340	lymph287	Num	8	BEST12.	BEST32.	CD158b+/CD56-CD16-/CD3-/Aqua-/Lymph+
341	lymph288	Num	8	BEST12.	BEST32.	CD158a+/CD56-CD16-/CD3-/Aqua-/Lymph+
342	monocytes	Num	8	BEST12.	BEST32.	monocytes
343	monocytes_count	Num	8	BEST12.	BEST32.	count monocytes
344	monocyt1	Num	8	BEST12.	BEST32.	P_Aqua- /monocytes
345	monocyt2	Num	8	BEST12.	BEST32.	MFI HLA DR+ /Aqua-/monocytes
346	monocyt3	Num	8	BEST12.	BEST32.	MFI CD80/86+ /Aqua-/monocytes
347	monocyt4	Num	8	BEST12.	BEST32.	MFI PDL1/L2+ /Aqua-/monocytes
348	monocyt_aqua_cnt	Num	8	BEST12.	BEST32.	count Aqua-/monocytes
349	monocyt5	Num	8	BEST12.	BEST32.	P_CD80/86+ /Aqua-/monocytes

Num	Variable	Type	Len	Format	Informat	Label
350	monocyt6	Num	8	BEST12.	BEST32.	P_HLA DR+ /Aqua-/monocytes
351	monocyt7	Num	8	BEST12.	BEST32.	Perc_PDL1/L2+ /Aqua-/monocytes
352	viable	Num	8	BEST12.	BEST32.	P_viable without debris
353	viable_count	Num	8	BEST12.	BEST32.	count viable without debris
354	viable_aqua	Num	8	BEST12.	BEST32.	count Aqua- /viable without debris
355	viable1	Num	8	BEST12.	BEST32.	count mDC /Lin1-/Aqua-/HLA DR+/viable without debris
356	viable2	Num	8	BEST12.	BEST32.	count pDC /Lin1-/Aqua-/HLA DR+/viable without debris
357	viable3	Num	8	BEST12.	BEST32.	P_mDC (Lin1-, Aqua-, DR+) in viable cells without debris
358	viable4	Num	8	BEST12.	BEST32.	P_pDC (Lin1-, Aqua-, DR+) in total viable cells without debris
359	viable5	Num	8	BEST12.	BEST32.	P_Aqua- /viable without debris
360	viable6	Num	8	BEST12.	BEST32.	HLA DR+ /viable without debris
361	viable7	Num	8	BEST12.	BEST32.	P_Lin1- /Aqua-/HLA DR+/viable without debris
362	viable8	Num	8	BEST12.	BEST32.	P_mDC /Lin1-/Aqua-/HLA DR+/viable without debris
363	viable9	Num	8	BEST12.	BEST32.	HLA DR+ /mDC/Lin1-/Aqua-/HLA DR+/viable without debris
364	viable10	Num	8	BEST12.	BEST32.	CD80/86/mDC/Lin1-/Aqua-/HLA DR+/viable without debris
365	viable11	Num	8	BEST12.	BEST32.	PDL1 L2+/mDC/Lin1-/Aqua-/HLA DR+/viable without debris
366	viable12	Num	8	BEST12.	BEST32.	P_CD80/86mDC /Lin1-/Aqua-/HLA DR+/viable without debris
367	viable13	Num	8	BEST12.	BEST32.	P_PDL1 L2+ /mDC /Lin1-/Aqua-/HLA DR+/viable without debris
368	viable14	Num	8	BEST12.	BEST32.	P_pDC /Lin1-/Aqua-/HLA DR+/viable without debris
369	viable15	Num	8	BEST12.	BEST32.	HLA DR+ /pDC/Lin1-/Aqua-/HLA DR+/viable without debris
370	viable16	Num	8	BEST12.	BEST32.	CD80 86+ /pDC/Lin1-/Aqua-/HLA DR+/viable without debris
371	viable17	Num	8	BEST12.	BEST32.	PDL1 L2+ /pDC/Lin1-/Aqua-/HLA DR+/viable without debris
372	viable18	Num	8	BEST12.	BEST32.	P_CD80 86+ /pDC/Lin1-/Aqua-/HLA DR+/viable without debris
373	viable19	Num	8	BEST12.	BEST32.	P_PDL1 L2+ /pDC/Lin1-/Aqua-/HLA DR+/viable without debris
374	viable20	Num	8	BEST12.	BEST32.	P_Lin1- /Aqua-/viable without debris
375	viable21	Num	8	BEST12.	BEST32.	P_CD11c+BDCA-1+/Lin-1-/Aqua-/viable without debris
376	viable22	Num	8	BEST12.	BEST32.	MFI HLA DR+ /CD11c+BDCA-1+/Lin-1-/Aqua-/viable without debris
377	viable23	Num	8	BEST12.	BEST32.	MFI CD80/86+ /CD11c+BDCA-1+/Lin-1-/Aqua-/viable without debris
378	viable24	Num	8	BEST12.	BEST32.	MFI PDL1/L2+ /CD11c+BDCA-1+/Lin-1-/Aqua-/viable without debris
379	viable25	Num	8	BEST12.	BEST32.	P_CD80/86+ /CD11c+BDCA-1+/Lin-1-/Aqua-/viable without debris
380	viable26	Num	8	BEST12.	BEST32.	P_HLA DR+ /CD11c+BDCA-1+/Lin-1-/Aqua-/viable without debris
381	viable27	Num	8	BEST12.	BEST32.	P_PDL1/L2+ /CD11c+BDCA-1+/Lin-1-/Aqua-/viable without debris
382	viable28	Num	8	BEST12.	BEST32.	P_CD123+BDCA-2/4+ /Lin-1-/Aqua-/viable without debris
383	viable29	Num	8	BEST12.	BEST32.	MFI HLA DR+ /CD123+BDCA-2/4+/Lin-1-/Aqua-/viable without debris
384	viable30	Num	8	BEST12.	BEST32.	MFI CD80/86+ /CD123+BDCA-2/4+/Lin-1-/Aqua-/viable without debris
385	viable31	Num	8	BEST12.	BEST32.	MFI PDL1/L2+ /CD123+BDCA-2/4+/Lin-1-/Aqua-/viable without debris
386	viable32	Num	8	BEST12.	BEST32.	P_CD80/86+ /CD123+BDCA-2/4+/Lin-1-/Aqua-/viable without debris
387	viable33	Num	8	BEST12.	BEST32.	P_HLA DR+ /CD123+BDCA-2/4+/Lin-1-/Aqua-/viable without debris
388	viable34	Num	8	BEST12.	BEST32.	P_PDL1/L2+ /CD123+BDCA-2/4+/Lin-1-/Aqua-/viable without debris

Num	Variable	Type	Len	Format	Informat	Label
389	viable35	Num	8	BEST12.	BEST32.	P_CD11c+BDCA-1+/Aqua-/viable without debris
390	viable36	Num	8	BEST12.	BEST32.	MFI HLA DR+ /CD11c+BDCA-1+/Aqua-/viable without debris
391	viable37	Num	8	BEST12.	BEST32.	MFI CD80/86+ /CD11c+BDCA-1+/Aqua-/viable without debris
392	viable38	Num	8	BEST12.	BEST32.	MFI PDL1/L2+ /CD11c+BDCA-1+/Aqua-/viable without debris
393	viable39	Num	8	BEST12.	BEST32.	P_CD80/86+ /CD11c+BDCA-1+/Aqua-/viable without debris
394	viable40	Num	8	BEST12.	BEST32.	P_HLA DR+ /CD11c+BDCA-1+/Aqua-/viable without debris
395	viable41	Num	8	BEST12.	BEST32.	P_PDL1/L2+ /CD11c+BDCA-1+/Aqua-/viable without debris
396	viable42	Num	8	BEST12.	BEST32.	P_CD123+BDCA-2/4+/Aqua-/viable without debris
397	viable43	Num	8	BEST12.	BEST32.	MFI HLA DR+ /CD123+BDCA-2/4+/Aqua-/viable without debris
398	viable44	Num	8	BEST12.	BEST32.	MFI CD80/86+ /CD123+BDCA-2/4+/Aqua-/viable without debris
399	viable45	Num	8	BEST12.	BEST32.	MFI PD-L1/L2+ /CD123+BDCA-2/4+/Aqua-/viable without debris
400	viable46	Num	8	BEST12.	BEST32.	P_CD80/86+ /CD123+BDCA-2/4+/Aqua-/viable without debris
401	viable47	Num	8	BEST12.	BEST32.	P_HLA DR+ /CD123+BDCA-2/4+/Aqua-/viable without debris
402	viable48	Num	8	BEST12.	BEST32.	P_PD-L1/L2+ /CD123+BDCA-2/4+/Aqua-/viable without debris
403	con_sex	Char	1	\$1.	\$1.	
404	con_age	Num	8	BEST12.	BEST32.	
405	con_race	Char	1	\$1.	\$1.	
406	con_vac	Char	3	\$3.	\$3.	
407	con_vacdate1	Num	8	BEST12.	BEST32.	
408	con_vacdate2	Num	8	BEST12.	BEST32.	
409	con_vacdate3	Num	8	BEST12.	BEST32.	
410	con_hbsag	Char	1	\$1.	\$1.	
411	con_antihbs	Char	1	\$1.	\$1.	
412	con_antihbc	Char	1	\$1.	\$1.	
413	con_hcv	Char	1	\$1.	\$1.	
414	con_hiv	Char	8	\$8.	\$8.	
415	con_prof	Char	29	\$29.	\$29.	
416	SITE_LOC	Num	8	BEST12.	BEST32.	

Data Set Name: ic.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	ID	Char	9	\$9.	\$9.	Patient ID
2	DODDATE	Num	8	MMDDYY8.	DATETIME22.3	Date of Determination
3	RECNUM	Num	8	11.	11.	Record Number
4	DEL	Num	8	YN.	6.	Deleted
5	FORMID	Char	10	\$10.	\$10.	Form Name
6	STUDYID	Num	8	STUDYID.	11.	Current Study
7	CVERSION	Num	8	5.1	5.1	Form Version
8	OVERSION	Num	8	5.1	5.1	Old Form Version
9	INAGE	Num	8	YN.	6.	Greater Than or Equal to 18 Years of Age
10	INPHEN	Num	8	YN.	6.	In One of the Phenotype Categories
11	INPHENS	Num	8	IMMPHT.	6.	Hepatitis B Phenotype
12	INCONS	Num	8	YN.	6.	Provided Consent
13	EXANEM	Num	8	YN.	6.	Patient Has Anemia
14	EXMCOND	Num	8	YN.	6.	Active Medical Condition Make Pt Unsuitable
15	EXAUTO	Num	8	YN.	6.	Autoimmune disease or On Immuno Therapy
16	EXPIOP	Num	8	YN.	6.	In PI Opinion Unsuitable for Study
17	EXPIOPS	Char	50	\$50.	\$50.	Specify Reason Unsuitable for Study
18	IMMELIG	Num	8	YN.	6.	Eligible for Immunology Study
19	DCM	Num	8	6.	6.	Data Collection Completed Month
20	DCD	Num	8	6.	6.	Data Collection Completed Day
21	DCY	Num	8	6.	6.	Data Collection Completed Year
22	DCDATE	Num	8	MMDDYY8.		Date Data Collection Completed
23	siteid	Num	8	SITE.		Site
24	orig_id	Char	9	\$9.	\$9.	ID at enrollment site

Data Set Name: immuno_cohort_ds.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	ID	Char	9	\$9.	\$9.	Patient ID
2	siteid	Num	8	SITE.		Site
3	studygrp_char2	Num	8	BEST12.	BEST32.	Groups (1 acute, 2 CHB flare, 3 CHB non-flare, 4 IA trial, 5 IT trial, 6 normal
4	cohort_cross2	Char	10	\$10.	\$10.	Samples for KMC Cross-sectional
5	hbrn_char	Char	10	\$10.	\$10.	HBRN study
6	studygrp_char	Char	20	\$20.	\$20.	HBRN Study Category
7	clinicalgrp	Char	10	\$10.	\$10.	Clinical Group
8	patient_id	Char	16	\$16.	\$16.	Patient ID
9	coldate	Num	8	MMDDYY10.	MMDDYY10.	Sample collection date
10	process_date	Num	8	MMDDYY10.	MMDDYY10.	Sample Processing Date
11	Visit	Char	10	\$10.	\$10.	Visit per clinical center
12	bkrd_cpm	Num	8	BEST12.	BEST32.	bkrd cpm
13	Pressi	Num	8	BEST12.	BEST32.	PreS SI
14	ssi	Num	8	BEST12.	BEST32.	S SI
15	prec_si	Num	8	BEST12.	BEST32.	PreC SI
16	csi	Num	8	BEST12.	BEST32.	C SI
17	RT1_SI	Num	8	BEST12.	BEST32.	RT1 SI
18	RT2_SI	Num	8	BEST12.	BEST32.	RT2 SI
19	Flu_SI	Num	8	BEST12.	BEST32.	Flu SI
20	LPS_SI	Num	8	BEST12.	BEST32.	LPS SI
21	PHA_SI	Num	8	BEST12.	BEST32.	PHA SI
22	HBV_si_sum	Num	8	BEST12.	BEST32.	Sum HBV SI
23	ifng_bkrd	Num	8	BEST12.	BEST32.	Bkrd IFNg SFU per M
24	ifng_cutoff	Num	8	BEST12.	BEST32.	cutoff IFNg SFU per M
25	IFNg_pres	Num	8	BEST12.	BEST32.	PreS IFNg SFU per M
26	IFNg_s	Num	8	BEST12.	BEST32.	S IFNg SFU per M
27	IFNg_prec	Num	8	BEST12.	BEST32.	PreC IFNg SFU per M
28	IFNg_c	Num	8	BEST12.	BEST32.	C IFNg SFU per M
29	IFNg_rt1	Num	8	BEST12.	BEST32.	RT1 IFNg SFU per M
30	IFNg_rt2	Num	8	BEST12.	BEST32.	RT2 IFNg SFU per M
31	IFNg_flu	Num	8	BEST12.	BEST32.	Flu IFNg SFU per M
32	IFNg_lps	Num	8	BEST12.	BEST32.	LPS IFNg SFU per M
33	IFNg_hbv_sum	Num	8	BEST12.	BEST32.	Sum HBV IFNg SFU per M
34	IL10_bkrd	Num	8	BEST12.	BEST32.	Bkrd IL10 SFU per M
35	IL10_cutoff	Num	8	BEST12.	BEST32.	Cutoff IL10 SFU per M
36	IL10_pres	Num	8	BEST12.	BEST32.	PreS IL10 SFU per M
37	IL10_S	Num	8	BEST12.	BEST32.	S IL10 SFU per M

Num	Variable	Type	Len	Format	Informat	Label
38	IL10_prec	Num	8	BEST12.	BEST32.	PreC IL10 SFU per M
39	IL10_C	Num	8	BEST12.	BEST32.	C IL10 SFU per M
40	IL10_rt1	Num	8	BEST12.	BEST32.	RT1 IL10 SFU per M
41	IL10_rt2	Num	8	BEST12.	BEST32.	RT2 IL10 SFU per M
42	IL10_flu	Num	8	BEST12.	BEST32.	Flu IL10 SFU per M
43	IL10_LPS	Num	8	BEST12.	BEST32.	LPS IL10 SFU per M
44	IL10_pha	Num	8	BEST12.	BEST32.	PHA IL10 SFU per M
45	IL10_hbv_sum	Num	8	BEST12.	BEST32.	Sum HBV IL10 SFU per M
46	ungated_cnt	Num	8	BEST12.	BEST32.	Ungated,Count
47	lymptotal	Num	8	BEST12.	BEST32.	P_Lymph/Total
48	lymph1	Num	8	BEST12.	BEST32.	P_Aqua-/Lymph+
49	finimm1	Num	8	BEST12.	BEST32.	P_CD3+ /Live Lymph
50	finimm2	Num	8	BEST12.	BEST32.	P_CD8-/CD3+
51	finimm3	Num	8	BEST12.	BEST32.	MFI CTLA4+/CD3 T
52	finimm4	Num	8	BEST12.	BEST32.	MFI Foxp3+/CD3 T
53	finimm5	Num	8	BEST12.	BEST32.	MFI CD127+ /CD3 T
54	finimm6	Num	8	BEST12.	BEST32.	MFI PD1+ /CD3 T
55	finimm7	Num	8	BEST12.	BEST32.	MFI CD28+ /CD3 T
56	finimm8	Num	8	BEST12.	BEST32.	P_CTLA4+ /CD3 T
57	finimm9	Num	8	BEST12.	BEST32.	P_CD28+ /CD3 T
58	finimm10	Num	8	BEST12.	BEST32.	P_CD127+ /CD3 T
59	finimm11	Num	8	BEST12.	BEST32.	P_PD1+ /CD3 T
60	finimm12	Num	8	BEST12.	BEST32.	P_CD4 T /CD3+
61	finimm13	Num	8	BEST12.	BEST32.	MFI CTLA-4+ /CD4 T
62	finimm14	Num	8	BEST12.	BEST32.	MFI Foxp3+ /CD4 T
63	finimm15	Num	8	BEST12.	BEST32.	MFI CD127+ /CD4 T
64	finimm16	Num	8	BEST12.	BEST32.	MFI PD1+ /CD4 T
65	finimm17	Num	8	BEST12.	BEST32.	MFI CD28+ /CD4 T
66	finimm18	Num	8	BEST12.	BEST32.	P_CTLA4+/CD4 T
67	finimm19	Num	8	BEST12.	BEST32.	P_CD28+ /CD4 T
68	finimm20	Num	8	BEST12.	BEST32.	P_CD127+/CD4 T
69	finimm21	Num	8	BEST12.	BEST32.	P_PD1+ /CD4 T
70	finimm22	Num	8	BEST12.	BEST32.	P_CD4+Foxp3+ /CD4 T
71	finimm23	Num	8	BEST12.	BEST32.	MFI CTLA4+ /Foxp3+ CD4 T
72	finimm24	Num	8	BEST12.	BEST32.	MFI Foxp3+ /Foxp3+ CD4 T
73	finimm25	Num	8	BEST12.	BEST32.	MFI CD127+ /Foxp3+ CD4 T
74	finimm26	Num	8	BEST12.	BEST32.	MFI PD1+ /Foxp3+ CD4 T
75	finimm27	Num	8	BEST12.	BEST32.	MFI CD28+ /Foxp3+ CD4 T
76	finimm28	Num	8	BEST12.	BEST32.	P_CTLA4+ /Foxp3+ CD4 T

Num	Variable	Type	Len	Format	Informat	Label
77	finimm29	Num	8	BEST12.	BEST32.	P_CD28+ /Foxp3+ CD4 T
78	finimm30	Num	8	BEST12.	BEST32.	P_CD127+ /Foxp3+ CD4 T
79	finimm31	Num	8	BEST12.	BEST32.	P_PD1+ /Foxp3+ CD4 T
80	finimm32	Num	8	BEST12.	BEST32.	P_CD8 T /CD3+
81	finimm33	Num	8	BEST12.	BEST32.	MFI CTLA-4+ /CD8 T
82	finimm34	Num	8	BEST12.	BEST32.	MFI Foxp3+/CD8 T
83	finimm35	Num	8	BEST12.	BEST32.	MFI CD127+/CD8 T
84	finimm36	Num	8	BEST12.	BEST32.	MFI PD-1+/CD8 T
85	finimm37	Num	8	BEST12.	BEST32.	MFI CD28+/CD8 T
86	finimm38	Num	8	BEST12.	BEST32.	P_CTLA4+/CD8 T
87	finimm39	Num	8	BEST12.	BEST32.	P_CD28+ /CD8 T
88	finimm40	Num	8	BEST12.	BEST32.	P_CD127+ /CD8 T
89	finimm41	Num	8	BEST12.	BEST32.	P_PD1+/CD8 T
90	finimm42	Num	8	BEST12.	BEST32.	CD3hiCD4-/lympho
91	finimm43	Num	8	BEST12.	BEST32.	MFI CTLA4+/CD3hiCD4-/Aqua-Lymph
92	finimm44	Num	8	BEST12.	BEST32.	MFI Foxp3+/CD3hiCD4-/Aqua-Lymph
93	finimm45	Num	8	BEST12.	BEST32.	MFI CD127+/CD3hiCD4-/Aqua-Lymph
94	finimm46	Num	8	BEST12.	BEST32.	MFI PD1+/CD3hiCD4-/Aqua-Lymph
95	finimm47	Num	8	BEST12.	BEST32.	MFI CD28+/CD3hiCD4-/Aqua-Lymph
96	finimm48	Num	8	BEST12.	BEST32.	(CTLA-4)+ /CD3hiCD4-/lympho
97	finimm49	Num	8	BEST12.	BEST32.	CD28+ /CD3hi/lympho
98	finimm50	Num	8	BEST12.	BEST32.	CD127+ /CD3hiCD4-/lympho
99	finimm51	Num	8	BEST12.	BEST32.	PD1+ /CD3hiCD4-/lympho
100	finimm52	Num	8	BEST12.	BEST32.	CD3intCD4-/lympho
101	finimm53	Num	8	BEST12.	BEST32.	MFI CTLA4+/CD3intCD4-/Aqua-Lymph
102	finimm54	Num	8	BEST12.	BEST32.	MFI Foxp3+/CD3intCD4-/Aqua-Lymph
103	finimm55	Num	8	BEST12.	BEST32.	MFI CD127+/CD3intCD4-/Aqua-Lymph
104	finimm56	Num	8	BEST12.	BEST32.	MFI PD1+/CD3intCD4-/Aqua-Lymph
105	finimm57	Num	8	BEST12.	BEST32.	MFI CD28+/CD3intCD4-/Aqua-Lymph
106	finimm58	Num	8	BEST12.	BEST32.	CTLA-4+ /CD3intCD4- /Aqua-
107	finimm59	Num	8	BEST12.	BEST32.	CD28+/CD3intCD4- /Aqua-
108	finimm60	Num	8	BEST12.	BEST32.	CD127+/CD3intCD4- /Aqua-
109	finimm61	Num	8	BEST12.	BEST32.	PD-1+/CD3intCD4- /Aqua-
110	finimm62	Num	8	BEST12.	BEST32.	Total live lymph count
111	finimm63	Num	8	BEST12.	BEST32.	P_Aqua Blue- /Lymph
112	finimm64	Num	8	BEST12.	BEST32.	P_CD3+ /Lymph
113	finimm65	Num	8	BEST12.	BEST32.	P_NKG2C /CD3+
114	finimm66	Num	8	BEST12.	BEST32.	P_NKG2D /CD3+
115	finimm67	Num	8	BEST12.	BEST32.	P_NKp30 /CD3+

Num	Variable	Type	Len	Format	Informat	Label
116	finimm68	Num	8	BEST12.	BEST32.	P_NKp46/CD3+
117	finimm69	Num	8	BEST12.	BEST32.	P_CD56hi /CD3+
118	finimm70	Num	8	BEST12.	BEST32.	MFI NKG2C /CD56 hi /CD3+
119	finimm71	Num	8	BEST12.	BEST32.	MFI NKG2D /CD56hi /CD3+
120	finimm72	Num	8	BEST12.	BEST32.	MFI NKp30 /CD56hi /CD3+
121	finimm73	Num	8	BEST12.	BEST32.	MFI NKp46 /CD56hi /CD3+
122	finimm74	Num	8	BEST12.	BEST32.	P_CD56int /CD3+
123	finimm75	Num	8	BEST12.	BEST32.	MFI NKG2C /CD56int /CD3+
124	finimm76	Num	8	BEST12.	BEST32.	MFI NKG2D /CD56int /CD3+
125	finimm77	Num	8	BEST12.	BEST32.	MFI NKp30 /CD56int /CD3+
126	finimm78	Num	8	BEST12.	BEST32.	MFI NKp46 /CD56int /CD3+
127	finimm79	Num	8	BEST12.	BEST32.	P_CD56+ /CD3+
128	finimm80	Num	8	BEST12.	BEST32.	MFI NKG2C /CD56+ /CD3+
129	finimm81	Num	8	BEST12.	BEST32.	MFI NKG2D /CD56+ /CD3+
130	finimm82	Num	8	BEST12.	BEST32.	MFI NKp30 /CD56+ /CD3+
131	finimm83	Num	8	BEST12.	BEST32.	MFI NKp46 /CD56+ /CD3+
132	finimm84	Num	8	BEST12.	BEST32.	P_CD3- /lymph
133	finimm85	Num	8	BEST12.	BEST32.	MFI NKG2C /CD3-
134	finimm86	Num	8	BEST12.	BEST32.	MFI NKG2D /CD3-
135	finimm87	Num	8	BEST12.	BEST32.	MFI NKp30 /CD3-
136	finimm88	Num	8	BEST12.	BEST32.	MFI NKp46 /CD3-
137	finimm89	Num	8	BEST12.	BEST32.	P_NKG2C+ /CD3-
138	finimm90	Num	8	BEST12.	BEST32.	P_NKG2D+ /CD3-
139	finimm91	Num	8	BEST12.	BEST32.	P_NKp30+ /CD3-
140	finimm92	Num	8	BEST12.	BEST32.	P_NKp46+ /CD3-
141	finimm93	Num	8	BEST12.	BEST32.	P_CD56hi /CD3-
142	finimm94	Num	8	BEST12.	BEST32.	MFI NKG2C /CD56hi /CD3-
143	finimm95	Num	8	BEST12.	BEST32.	MFI NKG2D /CD56hi /CD3-
144	finimm96	Num	8	BEST12.	BEST32.	MFI NKp30 /CD56hi /CD3-
145	finimm97	Num	8	BEST12.	BEST32.	MFI NKp46 /CD56 hi /CD3-
146	finimm98	Num	8	BEST12.	BEST32.	P_NKG2C+ /CD56 hi /CD3-
147	finimm99	Num	8	BEST12.	BEST32.	P_NKG2D+ /CD56hi /CD3-
148	finimm100	Num	8	BEST12.	BEST32.	P_NKp30+ /CD56 hi /CD3-
149	finimm101	Num	8	BEST12.	BEST32.	P_NKp46+ /CD56hi /CD3-
150	finimm102	Num	8	BEST12.	BEST32.	P_CD56int /CD3-
151	finimm103	Num	8	BEST12.	BEST32.	MFI NKG2C /CD56int /CD3-
152	finimm104	Num	8	BEST12.	BEST32.	MFI NKG2D /CD56int /CD3-
153	finimm105	Num	8	BEST12.	BEST32.	MFI NKp30 /CD56int /CD3-
154	finimm106	Num	8	BEST12.	BEST32.	MFI NKp46 /CD56int /CD3-

Num	Variable	Type	Len	Format	Informat	Label
155	finimm107	Num	8	BEST12.	BEST32.	P_NKG2C+ /CD56int /CD3-
156	finimm108	Num	8	BEST12.	BEST32.	P_NKG2D+ /CD56int /CD3-
157	finimm109	Num	8	BEST12.	BEST32.	P_NKp30+ /CD56int /CD3-
158	finimm110	Num	8	BEST12.	BEST32.	P_NKp46+ /CD56int /CD3-
159	finimm111	Num	8	BEST12.	BEST32.	P_CD56+ /CD3-
160	finimm112	Num	8	BEST12.	BEST32.	MFI NKG2C /CD56+ /CD3-
161	finimm113	Num	8	BEST12.	BEST32.	MFI NKG2D /CD56+ /CD3-
162	finimm114	Num	8	BEST12.	BEST32.	MFI NKp30 /CD56+ /CD3-
163	finimm115	Num	8	BEST12.	BEST32.	MFI NKp46 /CD56+ /CD3-
164	finimm116	Num	8	BEST12.	BEST32.	P_NKG2C+ /CD56+ /CD3-
165	finimm117	Num	8	BEST12.	BEST32.	P_NKG2D+ /CD56+ /CD3-
166	finimm118	Num	8	BEST12.	BEST32.	P_NKp30+ /CD56+ /CD3-
167	finimm119	Num	8	BEST12.	BEST32.	P_NKp46+ /CD56+ /CD3-
168	finimm120	Num	8	BEST12.	BEST32.	P_CD56- /CD3-
169	finimm121	Num	8	BEST12.	BEST32.	MFI NKG2C /CD56- /CD3-
170	finimm122	Num	8	BEST12.	BEST32.	MFI NKG2D /CD56- /CD3-
171	finimm123	Num	8	BEST12.	BEST32.	MFI NKp30 /CD56- /CD3-
172	finimm124	Num	8	BEST12.	BEST32.	MFI NKp46 /CD56- /CD3-
173	finimm125	Num	8	BEST12.	BEST32.	P_CD56hi CD16- /CD3-
174	finimm126	Num	8	BEST12.	BEST32.	MFI NKG2C /P_CD56hiCD16- /CD3-
175	finimm127	Num	8	BEST12.	BEST32.	MFI NKG2D /P_CD56hiCD16- /CD3-
176	finimm128	Num	8	BEST12.	BEST32.	MFI NKp30 /P_CD56hiCD16- /CD3-
177	finimm129	Num	8	BEST12.	BEST32.	MFI NKp46 /P_CD56hiCD16- /CD3-
178	finimm130	Num	8	BEST12.	BEST32.	P_NKG2C+ /CD56hi CD16- /CD3-
179	finimm131	Num	8	BEST12.	BEST32.	P_NKG2D+ /CD56hi CD16- /CD3-
180	finimm132	Num	8	BEST12.	BEST32.	P_NKp30+ /CD56hi CD16- /CD3-
181	finimm133	Num	8	BEST12.	BEST32.	P_NKp46+ /CD56hi CD16- /CD3-
182	finimm134	Num	8	BEST12.	BEST32.	P_CD56+ CD16- /CD3-
183	finimm135	Num	8	BEST12.	BEST32.	MFI NKG2C /CD56+ CD16- /CD3-
184	finimm136	Num	8	BEST12.	BEST32.	MFI NKG2D /CD56+ CD16- /CD3-
185	finimm137	Num	8	BEST12.	BEST32.	MFI NKp30 /CD56+ CD16- /CD3-
186	finimm138	Num	8	BEST12.	BEST32.	MFI NKp46 /CD56+ CD16- /CD3-
187	finimm139	Num	8	BEST12.	BEST32.	P_CD56hi /CD56+CD16-
188	finimm140	Num	8	BEST12.	BEST32.	P_CD56int /CD56+CD16-
189	finimm141	Num	8	BEST12.	BEST32.	P_NKG2C /CD56+ CD16- /CD3-
190	finimm142	Num	8	BEST12.	BEST32.	P_NKG2D+ /CD56+ CD16- /CD3-
191	finimm143	Num	8	BEST12.	BEST32.	P_NKp30+ /CD56+ CD16- /CD3-
192	finimm144	Num	8	BEST12.	BEST32.	P_NKp46+ /CD56+CD16- /CD3-
193	finimm145	Num	8	BEST12.	BEST32.	P_CD56+ CD16+ /CD3-

Num	Variable	Type	Len	Format	Informat	Label
194	finimm146	Num	8	BEST12.	BEST32.	MFI NKG2C /CD56+ CD16+ /CD3-
195	finimm147	Num	8	BEST12.	BEST32.	MFI NKG2D /CD56+ CD16+ /CD3-
196	finimm148	Num	8	BEST12.	BEST32.	MFI NKp30 /CD56+ CD16+ /CD3-
197	finimm149	Num	8	BEST12.	BEST32.	MFI NKp46 /CD56+ CD16+ /CD3-
198	finimm150	Num	8	BEST12.	BEST32.	P_CD56hi /CD56+CD16+
199	finimm151	Num	8	BEST12.	BEST32.	P_CD56int /CD56+CD16-
200	finimm152	Num	8	BEST12.	BEST32.	P_NKG2C /CD56+ CD16+ /CD3-
201	finimm153	Num	8	BEST12.	BEST32.	P_NKG2D+ /CD56+ CD16+ /CD3-
202	finimm154	Num	8	BEST12.	BEST32.	P_NKp30+/CD56+ CD16+ /CD3-
203	finimm155	Num	8	BEST12.	BEST32.	P_NKp46+ /CD56+CD16+ /CD3-
204	finimm156	Num	8	BEST12.	BEST32.	P_CD56-CD16+ /CD3-
205	finimm157	Num	8	BEST12.	BEST32.	MFI NKG2C /CD56- CD16+ /CD3-
206	finimm158	Num	8	BEST12.	BEST32.	MFI NKG2D /CD56- CD16+ /CD3-
207	finimm159	Num	8	BEST12.	BEST32.	MFI NKp30 /CD56- CD16+ /CD3-
208	finimm160	Num	8	BEST12.	BEST32.	MFI NKp46 /CD56- CD16+ /CD3-
209	finimm161	Num	8	BEST12.	BEST32.	P_NKG2C /CD56- CD16+ /CD3-
210	finimm162	Num	8	BEST12.	BEST32.	P_NKG2D+ /CD56- CD16+ /CD3-
211	finimm163	Num	8	BEST12.	BEST32.	P_NKp30+/CD56- CD16+ /CD3-
212	finimm164	Num	8	BEST12.	BEST32.	P_NKp46+ /CD56-CD16+ /CD3-
213	finimm165	Num	8	BEST12.	BEST32.	P_CD56- CD16- /CD3-
214	finimm166	Num	8	BEST12.	BEST32.	MFI NKG2C /CD56- CD16- /CD3-
215	finimm167	Num	8	BEST12.	BEST32.	MFI NKG2D /CD56- CD16- /CD3-
216	finimm168	Num	8	BEST12.	BEST32.	MFI NKp30 /CD56- CD16- /CD3-
217	finimm169	Num	8	BEST12.	BEST32.	MFI NKp46 /CD56- CD16- /CD3-
218	finimm170	Num	8	BEST12.	BEST32.	P_CD3hi /Lymph (histo)
219	finimm171	Num	8	BEST12.	BEST32.	P_CD3hi /Lymph (histo)
220	finimm172	Num	8	BEST12.	BEST32.	MFI NKG2C /CD3hi (histo)
221	finimm173	Num	8	BEST12.	BEST32.	MFI NKG2D /CD3hi (histo)
222	finimm174	Num	8	BEST12.	BEST32.	MFI NKp30 /CD3hi (histo)
223	finimm175	Num	8	BEST12.	BEST32.	MFI NKp46/CD3hi (histo)
224	finimm176	Num	8	BEST12.	BEST32.	P_NKG2C /CD3hi (histo)
225	finimm177	Num	8	BEST12.	BEST32.	P_NKG2D /CD3hi (histo)
226	finimm178	Num	8	BEST12.	BEST32.	P_NKp30 /CD3hi (histo)
227	finimm179	Num	8	BEST12.	BEST32.	P_NKp46/CD3hi (histo)
228	finimm180	Num	8	BEST12.	BEST32.	CD3int /Lymph (histo)
229	finimm181	Num	8	BEST12.	BEST32.	MFI NKG2C /CD3int (histo)
230	finimm182	Num	8	BEST12.	BEST32.	MFI NKG2D /CD3int (histo)
231	finimm183	Num	8	BEST12.	BEST32.	MFI NKp30 /CD3int (histo)
232	finimm184	Num	8	BEST12.	BEST32.	MFI NKp46/CD3int (histo)

Num	Variable	Type	Len	Format	Informat	Label
233	finimm185	Num	8	BEST12.	BEST32.	P_NKG2C /CD3int (histo)
234	finimm186	Num	8	BEST12.	BEST32.	P_NKG2D /CD3int (histo)
235	finimm187	Num	8	BEST12.	BEST32.	P_NKp30 /CD3int (histo)
236	finimm188	Num	8	BEST12.	BEST32.	P_NKp46/CD3int (histo)
237	finimm189	Num	8	BEST12.	BEST32.	live/auto/Aqua Blue-Percent
238	finimm190	Num	8	BEST12.	BEST32.	#live cells counted
239	finimm191	Num	8	BEST12.	BEST32.	P_CD3+ /Lymph
240	finimm192	Num	8	BEST12.	BEST32.	P_NKG2A+ /CD3+
241	finimm193	Num	8	BEST12.	BEST32.	P_CD94+ /CD3+
242	finimm194	Num	8	BEST12.	BEST32.	P_CD158a+ /CD3+
243	finimm195	Num	8	BEST12.	BEST32.	P_CD158b+ /CD3+
244	finimm196	Num	8	BEST12.	BEST32.	P_CD56hi /CD3+
245	finimm197	Num	8	BEST12.	BEST32.	MFI NKG2A /CD56hi /CD3+
246	finimm198	Num	8	BEST12.	BEST32.	MFI CD94 /CD56hi /CD3+
247	finimm199	Num	8	BEST12.	BEST32.	MFI CD158a /CD56hi /CD3+
248	finimm200	Num	8	BEST12.	BEST32.	MFI CD158b /CD56hi /CD3+
249	finimm201	Num	8	BEST12.	BEST32.	P_CD56int /CD3+
250	finimm202	Num	8	BEST12.	BEST32.	MFI NKG2A /CD56int /CD3+
251	finimm203	Num	8	BEST12.	BEST32.	MFI CD94 /CD56int /CD3+
252	finimm204	Num	8	BEST12.	BEST32.	MFI CD158a /CD56int /CD3+
253	finimm205	Num	8	BEST12.	BEST32.	MFI CD158b /CD56int /CD3+
254	finimm206	Num	8	BEST12.	BEST32.	P_CD56+ /CD3+
255	finimm207	Num	8	BEST12.	BEST32.	MFI NKG2A /CD56+ /CD3+
256	finimm208	Num	8	BEST12.	BEST32.	MFI CD94 /CD56+ /CD3+
257	finimm209	Num	8	BEST12.	BEST32.	MFI CD158a /CD56+ /CD3+
258	finimm210	Num	8	BEST12.	BEST32.	MFI CD158b /CD56+ /CD3+
259	finimm211	Num	8	BEST12.	BEST32.	P_CD3-
260	finimm212	Num	8	BEST12.	BEST32.	MFI NKG2A /CD3-
261	finimm213	Num	8	BEST12.	BEST32.	MFI CD94 /CD3-
262	finimm214	Num	8	BEST12.	BEST32.	MFI CD158a /CD3-
263	finimm215	Num	8	BEST12.	BEST32.	MFI CD158b /CD3-
264	finimm216	Num	8	BEST12.	BEST32.	P_NKG2A+ /CD3-
265	finimm217	Num	8	BEST12.	BEST32.	P_CD94+ /CD3-
266	finimm218	Num	8	BEST12.	BEST32.	P_CD158a+ /CD3-
267	finimm219	Num	8	BEST12.	BEST32.	P_CD158b+ /CD3-
268	finimm220	Num	8	BEST12.	BEST32.	P_CD56hi /CD3-
269	finimm221	Num	8	BEST12.	BEST32.	MFI NKG2A /CD56hi /CD3-
270	finimm222	Num	8	BEST12.	BEST32.	MFI CD94 /CD56hi / /CD3-
271	finimm223	Num	8	BEST12.	BEST32.	MFI CD158a /CD56hi /CD3-

Num	Variable	Type	Len	Format	Informat	Label
272	finimm224	Num	8	BEST12.	BEST32.	MFI CD158b /CD56hi /CD3-
273	finimm225	Num	8	BEST12.	BEST32.	P_NKG2A+ /CD56hi /CD3-
274	finimm226	Num	8	BEST12.	BEST32.	P_CD94+ /CD56hi /CD3-
275	finimm227	Num	8	BEST12.	BEST32.	P_CD158a+ /CD56hi /CD3-
276	finimm228	Num	8	BEST12.	BEST32.	P_CD158b+ /CD56hi /CD3-
277	finimm229	Num	8	BEST12.	BEST32.	P_CD56 int /CD3-
278	finimm230	Num	8	BEST12.	BEST32.	MFI NKG2A /CD56 int /CD3-
279	finimm231	Num	8	BEST12.	BEST32.	MFI CD94 /CD56 int / /CD3-
280	finimm232	Num	8	BEST12.	BEST32.	MFI CD158a /CD56 int /CD3-
281	finimm233	Num	8	BEST12.	BEST32.	MFI CD158b /CD56 int /CD3-
282	finimm234	Num	8	BEST12.	BEST32.	P_NKG2A+ /CD56 int /CD3-
283	finimm235	Num	8	BEST12.	BEST32.	P_CD94+ /CD56 int /CD3-
284	finimm236	Num	8	BEST12.	BEST32.	P_CD158a+ /CD56 int /CD3-
285	finimm237	Num	8	BEST12.	BEST32.	P_CD158b+ /CD56 int /CD3-
286	finimm238	Num	8	BEST12.	BEST32.	P_CD56+ /CD3-
287	finimm239	Num	8	BEST12.	BEST32.	MFI NKG2A /CD56+ /CD3-
288	finimm240	Num	8	BEST12.	BEST32.	MFI CD94 /CD56+ / /CD3-
289	finimm241	Num	8	BEST12.	BEST32.	MFI CD158a /CD56+ /CD3-
290	finimm242	Num	8	BEST12.	BEST32.	MFI CD158b /CD56+ /CD3-
291	finimm243	Num	8	BEST12.	BEST32.	P_NKG2A+ /CD56+ /CD3-
292	finimm244	Num	8	BEST12.	BEST32.	P_CD94+ /CD56+ /CD3-
293	finimm245	Num	8	BEST12.	BEST32.	P_CD158a+ /CD56+ /CD3-
294	finimm246	Num	8	BEST12.	BEST32.	P_CD158b+ /CD56+ /CD3-
295	finimm247	Num	8	BEST12.	BEST32.	P_CD56- /CD3-
296	finimm248	Num	8	BEST12.	BEST32.	MFI NKG2A /CD56- /CD3-
297	finimm249	Num	8	BEST12.	BEST32.	MFI CD94 /CD56- / /CD3-
298	finimm250	Num	8	BEST12.	BEST32.	MFI CD158a /CD56- /CD3-
299	finimm251	Num	8	BEST12.	BEST32.	MFI CD158b /CD56- /CD3-
300	finimm252	Num	8	BEST12.	BEST32.	P_CD56hiCD16- /CD3-
301	finimm253	Num	8	BEST12.	BEST32.	P_NKG2A+ /CD56hi CD16- /CD3-
302	finimm254	Num	8	BEST12.	BEST32.	P_CD94+ /CD56hi CD16- /CD3-
303	finimm255	Num	8	BEST12.	BEST32.	P_CD158a+ /CD56hi CD16- /CD3-
304	finimm256	Num	8	BEST12.	BEST32.	P_CD158b+ /CD56hi CD16- /CD3-
305	finimm257	Num	8	BEST12.	BEST32.	P_CD56+ CD16— /CD3-
306	finimm258	Num	8	BEST12.	BEST32.	MFI NKG2A /CD56+ CD16- /CD3-
307	finimm259	Num	8	BEST12.	BEST32.	MFI CD94 /CD56+ CD16- / /CD3-
308	finimm260	Num	8	BEST12.	BEST32.	MFI CD158a /CD56+ CD16- /CD3-
309	finimm261	Num	8	BEST12.	BEST32.	MFI CD158b /CD56+ CD16- /CD3-
310	finimm262	Num	8	BEST12.	BEST32.	P_CD56hi /CD56+CD16-/CD3-

Num	Variable	Type	Len	Format	Informat	Label
311	finimm263	Num	8	BEST12.	BEST32.	P_CD56int /CD56+CD16-/CD3-
312	finimm264	Num	8	BEST12.	BEST32.	P_NKG2A+ CD56+ CD16- /CD3-
313	finimm265	Num	8	BEST12.	BEST32.	P_CD94+ / CD56+ CD16- /CD3-
314	finimm266	Num	8	BEST12.	BEST32.	P_CD158a+ CD56+ CD16- /CD3-
315	finimm267	Num	8	BEST12.	BEST32.	P_CD158b+ CD56+ CD16- /CD3-
316	finimm268	Num	8	BEST12.	BEST32.	P_CD56+ CD16+ /CD3-
317	finimm269	Num	8	BEST12.	BEST32.	MFI NKG2A /CD56+ CD16+ /CD3-
318	finimm270	Num	8	BEST12.	BEST32.	MFI CD94 / CD56+ CD16+ / /CD3-
319	finimm271	Num	8	BEST12.	BEST32.	MFI CD158a / CD56+ CD16+ /CD3-
320	finimm272	Num	8	BEST12.	BEST32.	MFI CD158b / CD56+ CD16+ /CD3-
321	finimm273	Num	8	BEST12.	BEST32.	P_CD56hi /CD56+CD16+ /CD3-
322	finimm274	Num	8	BEST12.	BEST32.	P_CD56int /CD56+CD16+ /CD3-
323	finimm275	Num	8	BEST12.	BEST32.	P_NKG2A+ CD56+ CD16+ /CD3-
324	finimm276	Num	8	BEST12.	BEST32.	P_CD94+ / CD56+ CD16+ /CD3-
325	finimm277	Num	8	BEST12.	BEST32.	P_CD158a+ CD56+ CD16+ /CD3-
326	finimm278	Num	8	BEST12.	BEST32.	P_CD158b+ CD56+ CD16+ /CD3-
327	finimm279	Num	8	BEST12.	BEST32.	P_CD56- CD16+ /CD3-
328	finimm280	Num	8	BEST12.	BEST32.	MFI NKG2A /CD56- CD16+ /CD3-
329	finimm281	Num	8	BEST12.	BEST32.	MFI CD94 / CD56- CD16+ / /CD3-
330	finimm282	Num	8	BEST12.	BEST32.	MFI CD158a / CD56- CD16+ /CD3-
331	finimm283	Num	8	BEST12.	BEST32.	MFI CD158b / CD56- CD16+ /CD3-
332	finimm284	Num	8	BEST12.	BEST32.	P_NKG2A+ CD56- CD16+ /CD3-
333	finimm285	Num	8	BEST12.	BEST32.	P_CD94+ / CD56- CD16+ /CD3-
334	finimm286	Num	8	BEST12.	BEST32.	P_CD158a+ CD56- CD16+ /CD3-
335	finimm287	Num	8	BEST12.	BEST32.	P_CD158b+ CD56- CD16+ /CD3-
336	finimm288	Num	8	BEST12.	BEST32.	P_CD56- CD16- /CD3-
337	finimm289	Num	8	BEST12.	BEST32.	MFI NKG2A /CD56- CD56- /CD3-
338	finimm290	Num	8	BEST12.	BEST32.	MFI CD94 / CD56- CD56- / /CD3-
339	finimm291	Num	8	BEST12.	BEST32.	MFI CD158a / CD56- CD56- /CD3-
340	finimm292	Num	8	BEST12.	BEST32.	MFI CD158b / CD56- CD56- /CD3-
341	finimm293	Num	8	BEST12.	BEST32.	P_CD3hi /Lymph (histo)
342	finimm294	Num	8	BEST12.	BEST32.	MFI NKG2A /CD3hi (histo)
343	finimm295	Num	8	BEST12.	BEST32.	MFI CD94 /CD3hi (histo)
344	finimm296	Num	8	BEST12.	BEST32.	MFI CD158a /CD3hi (histo)
345	finimm297	Num	8	BEST12.	BEST32.	MFI CD158b /CD3hi (histo)
346	finimm298	Num	8	BEST12.	BEST32.	P_NKG2A+ /CD3hi (histo)
347	finimm299	Num	8	BEST12.	BEST32.	P_CD94+ /CD3hi (histo)
348	finimm300	Num	8	BEST12.	BEST32.	P_CD158a+ /CD3hi (histo)
349	finimm301	Num	8	BEST12.	BEST32.	P_CD158b+ /CD3hi (histo)

Num	Variable	Type	Len	Format	Informat	Label
350	finimm302	Num	8	BEST12.	BEST32.	P_CD3int /Lymph (histo)
351	finimm303	Num	8	BEST12.	BEST32.	MFI NKG2A /CD3int (histo)
352	finimm304	Num	8	BEST12.	BEST32.	MFI CD94 /CD3int (histo)
353	finimm305	Num	8	BEST12.	BEST32.	MFI CD158a /CD3int (histo)
354	finimm306	Num	8	BEST12.	BEST32.	MFI CD158b /CD3int (histo)
355	finimm307	Num	8	BEST12.	BEST32.	P_NKG2A+ /CD3int (histo)
356	finimm308	Num	8	BEST12.	BEST32.	P_CD94+ /CD3int (histo)
357	finimm309	Num	8	BEST12.	BEST32.	P_CD158a+ /CD3int (histo)
358	finimm310	Num	8	BEST12.	BEST32.	P_CD158b+ /CD3int (histo)
359	aqua_perc	Num	8	BEST12.	BEST32.	P_Aqua-
360	aqua_cnt	Num	8	BEST12.	BEST32.	Count Aqua-
361	finimm311	Num	8	BEST12.	BEST32.	P_DR+/non-debris
362	finimm312	Num	8	BEST12.	BEST32.	P_Lin1-/DR+
363	finimm313	Num	8	BEST12.	BEST32.	P_mDC/Lin1-/DR+
364	finimm314	Num	8	BEST12.	BEST32.	MFI HLA-DR+ /mDC/Lin1-/DR+
365	finimm315	Num	8	BEST12.	BEST32.	MFI CD80-86 /mDC/Lin1-/DR+
366	finimm316	Num	8	BEST12.	BEST32.	MFI PDL1L2 /mDC/Lin1-/DR+
367	finimm317	Num	8	BEST12.	BEST32.	Count mDC/Lin1-/DR+
368	finimm318	Num	8	BEST12.	BEST32.	P_CD80-86 /mDC/Lin1-/DR+
369	finimm319	Num	8	BEST12.	BEST32.	P_HLA-DR+ /mDC/Lin1-/DR+
370	finimm320	Num	8	BEST12.	BEST32.	P_PDL1L2+ /mDC/Lin1-/DR+
371	finimm321	Num	8	BEST12.	BEST32.	P_pDC/Lin1-/DR+
372	finimm322	Num	8	BEST12.	BEST32.	MFI HLA-DR+/pDC/Lin1-/DR+
373	finimm323	Num	8	BEST12.	BEST32.	MFI CD80-86/pDC/Lin1-/DR+
374	finimm324	Num	8	BEST12.	BEST32.	MFI PDL1-L2/pDC/Lin1-/DR+
375	finimm325	Num	8	BEST12.	BEST32.	Count pDC/Lin1-/DR+
376	finimm326	Num	8	BEST12.	BEST32.	P_HLA-DR+/pDC/Lin1-/DR+
377	finimm327	Num	8	BEST12.	BEST32.	P_CD80-86/pDC/Lin1-/DR+
378	finimm328	Num	8	BEST12.	BEST32.	P_PDL1-L2/pDC/Lin1-/DR+
379	finimm329	Num	8	BEST12.	BEST32.	P_Lin1- /Live
380	finimm330	Num	8	BEST12.	BEST32.	P_mDC/Lin1-
381	finimm331	Num	8	BEST12.	BEST32.	MFI HLA-DR/mDC/Lin1-
382	finimm332	Num	8	BEST12.	BEST32.	MFI CD80-86/mDC/Lin1-
383	finimm333	Num	8	BEST12.	BEST32.	MFI PDL1-L2/mDC/Lin1-
384	finimm334	Num	8	BEST12.	BEST32.	Count mDC/Lin1-
385	finimm335	Num	8	BEST12.	BEST32.	P_HLA-DR+/mDC/Lin1-
386	finimm336	Num	8	BEST12.	BEST32.	P_CD80-86/mDC/Lin1-
387	finimm337	Num	8	BEST12.	BEST32.	P_PDL1-L2/mDC/Lin1-
388	finimm338	Num	8	BEST12.	BEST32.	P_pDC/Lin1-

Num	Variable	Type	Len	Format	Informat	Label
389	finimm339	Num	8	BEST12.	BEST32.	MFI HLA-DR/pDC/Lin1-
390	finimm340	Num	8	BEST12.	BEST32.	MFI CD80-86/pDC/Lin1-
391	finimm341	Num	8	BEST12.	BEST32.	MFI PDL1-L2/pDC/Lin1-
392	finimm342	Num	8	BEST12.	BEST32.	Count pDC/Lin1-
393	finimm343	Num	8	BEST12.	BEST32.	P_HLA-DR/pDC/Lin1-
394	finimm344	Num	8	BEST12.	BEST32.	P_CD80-86/pDCLin1-
395	finimm345	Num	8	BEST12.	BEST32.	P_PDL1-L2/pDC/Lin1-
396	tt_imm	Num	8			Weeks from baseline to sample date
397	immstudy	Num	8	IMMSTDY.		Immunology aim (cohort or flare)
398	immnum	Num	8			Sequence of immunology sample
399	erldate	Num	8	MMDDYY8.	DATETIME22.3	Baseline evaluation date

Data Set Name: immuno_cohort_received.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	Visit	Char	10	\$10.	\$10.	Immunology visit
2	coldate	Num	8	MMDDYY10.	MMDDYY10.	Date sample collected at site
3	Sample_Processing_Date	Num	8	MMDDYY10.	MMDDYY10.	Date sample processed at immunology lab
4	immstudy	Num	8	IMMSTDY.		Immunology aim (cohort or flare)
5	ID	Char	9	\$9.	\$9.	Patient ID
6	siteid	Num	8	SITE.		Site
7	erldate	Num	8	MMDDYY8.	DATETIME22.3	Baseline evaluation date
8	immnum	Num	8			Sequence of immunology sample

Data Set Name: luminex.sas7bdat

Num	Variable	Type	Len	Format	Informat	Label
1	ID	Char	9	\$9.	\$9.	Patient ID
2	siteid	Num	8	SITE.		Site
3	enroll	Num	8	ESTATUS.		Enrolled in Cohort
4	erldate	Num	8	MMDDYY8.	DATETIME22.3	Baseline evaluation date
5	hbrn_char	Char	6	\$6.	\$6.	HBRN study
6	studygrp_char	Char	5	\$5.	\$5.	HBRN Study Category
7	clinicalgrp	Char	10	\$10.	\$10.	Clinical Group
8	patient_id	Char	16	\$16.	\$16.	Patient ID
9	coldate	Num	8	MMDDYY10.	MMDDYY10.	Sample acquisition date
10	process_date	Num	8	MMDDYY10.	MMDDYY10.	Sample Processing Date
11	Visit	Char	6	\$6.	\$6.	Visit per clinical centers
12	lumx_date	Num	8	MMDDYY10.	MMDDYY10.	luminex Assay date
13	ifng	Num	8	BEST12.	BEST32.	IFNg (pg/ml)
14	IL10	Num	8	BEST12.	BEST32.	IL-10 (pg/ml)
15	IL1B	Num	8	BEST12.	BEST32.	IL-1B (pg/ml)
16	IL6	Num	8	BEST12.	BEST32.	IL-6 (pg/ml)
17	IL8	Num	8	BEST12.	BEST32.	IL-8 (pg/ml)
18	MCP1	Num	8	BEST12.	BEST32.	MCP-1 (pg/ml)
19	TNFA	Num	8	BEST12.	BEST32.	TNFa (pg/ml)
20	EOTAXIN	Num	8	BEST12.	BEST32.	Eotaxin (pg/ml)
21	GMCSF	Num	8	BEST12.	BEST32.	GM-CSF (ng/ml)
22	INFA2	Num	8	BEST12.	BEST32.	IFNa2 (pg/ml)
23	IL12P40	Num	8	BEST12.	BEST32.	IL-12p40 (pg/ml)
24	IL12P70	Num	8	BEST12.	BEST32.	IL-12p70 (pg/ml)
25	IL13	Num	8	BEST12.	BEST32.	IL-13 (pg/ml)
26	IL15	Num	8	BEST12.	BEST32.	IL-15 (pg/ml)
27	IL17A	Num	8	BEST12.	BEST32.	IL-17A (pg/ml)
28	L1RA	Num	8	BEST12.	BEST32.	IL-1Ra (pg/ml)
29	IL2	Num	8	BEST12.	BEST32.	IL-2 (pg/ml)
30	IL4	Num	8	BEST12.	BEST32.	IL-4 (ng/ml)
31	IL5	Num	8	BEST12.	BEST32.	IL-5 (pg/ml)
32	IL7	Num	8	BEST12.	BEST32.	IL-7 (pg/ml)
33	IP10	Num	8	BEST12.	BEST32.	IP-10 (pg/ml)
34	MIP1A	Num	8	BEST12.	BEST32.	MIP-1a (pg/ml)
35	MIP1B	Num	8	BEST12.	BEST32.	MIP1B (pg/ml)
36	CXCL9	Num	8	BEST12.	BEST32.	CXCL9 (pg/ml)
37	IL22	Num	8	BEST12.	BEST32.	IL-22 (ng/ml)

Num	Variable	Type	Len	Format	Informat	Label
38	IL21	Num	8	BEST12.	BEST32.	IL-21 (ng/ml)
39	IL23	Num	8	BEST12.	BEST32.	IL-23 (ng/ml)
40	SIL2RA	Num	8	BEST12.	BEST32.	sIL2Ra (pg/ml)
41	ARG1	Num	8	BEST12.	BEST32.	Arg1 (ng/ml)
42	TFG_BETA	Num	8	BEST12.	BEST32.	TGFβ (ng/ml)
43	HMGB1	Num	8	BEST12.	BEST32.	HMGB1 (ng/ml)
44	empty2	Char	1	\$1.	\$1.	empty cell 2
45	ifng_fb	Num	8	BEST12.	BEST32.	IFNγ (manual fold-bkg)
46	IL10_fb	Num	8	BEST12.	BEST32.	IL-10 (manual fold-bkg)
47	IL1B_fb	Num	8	BEST12.	BEST32.	IL-1B (manual fold-bkg)
48	IL6_fb	Num	8	BEST12.	BEST32.	IL-6 (manual fold-bkg)
49	IL8_fb	Num	8	BEST12.	BEST32.	IL-8 (manual fold-bkg)
50	MCP1_fb	Num	8	BEST12.	BEST32.	MCP-1 (manual fold-bkg)
51	TNFA_fb	Num	8	BEST12.	BEST32.	TNFα (pg/ml) (manual fold-bkg)
52	EOTAXIN_fb	Num	8	BEST12.	BEST32.	Eotaxin (manual fold-bkg)
53	GMCSF_fb	Num	8	BEST12.	BEST32.	GM-CSF (manual fold-bkg)
54	INFA2_fb	Num	8	BEST12.	BEST32.	IFNα2 (manual fold-bkg)
55	IL12P40_fb	Num	8	BEST12.	BEST32.	IL-12p40 (manual fold-bkg)
56	IL12P70_fb	Num	8	BEST12.	BEST32.	IL-12p70 (manual fold-bkg)
57	IL13_fb	Num	8	BEST12.	BEST32.	IL-13 (manual fold-bkg)
58	IL15_fb	Num	8	BEST12.	BEST32.	IL-15 (manual fold-bkg)
59	IL17A_fb	Num	8	BEST12.	BEST32.	IL-17A (manual fold-bkg)
60	L1RA_fb	Num	8	BEST12.	BEST32.	IL-1Ra (manual fold-bkg)
61	IL2_fb	Num	8	BEST12.	BEST32.	IL-2 (manual fold-bkg)
62	IL4_fb	Num	8	BEST12.	BEST32.	IL-4 (manual fold-bkg)
63	IL5_fb	Num	8	BEST12.	BEST32.	IL-5 (manual fold-bkg)
64	IL7_fb	Num	8	BEST12.	BEST32.	IL-7 (manual fold-bkg)
65	IP10_fb	Num	8	BEST12.	BEST32.	IP-10 (manual fold-bkg)
66	MIP1A_fb	Num	8	BEST12.	BEST32.	MIP-1a (manual fold-bkg)
67	MIP1B_fb	Num	8	BEST12.	BEST32.	MIP1B (manual fold-bkg)
68	CXCL9_fb	Num	8	BEST12.	BEST32.	CXCL9 (manual fold-bkg)
69	IL22_fb	Num	8	BEST12.	BEST32.	IL-22 (manual fold-bkg)
70	IL21_fb	Num	8	BEST12.	BEST32.	IL-21 (manual fold-bkg)
71	IL23_fb	Num	8	BEST12.	BEST32.	IL-23 (manual fold-bkg)
72	SIL2RA_fb	Num	8	BEST12.	BEST32.	IL2Ra (manual fold-bkg)
73	ARG1_fb	Num	8	BEST12.	BEST32.	Arg1 (ng/ml) (manual fold-bkg)
74	TFG_BETA_fb	Num	8	BEST12.	BEST32.	TGFβ (ng/ml) (manual fold-bkg)
75	HMGB1_fb	Num	8	BEST12.	BEST32.	HMGB1 (ng/ml) (manual fold-bkg)
76	ifng_FL	Num	8	BEST12.	BEST32.	IFNγ (FI)

Num	Variable	Type	Len	Format	Informat	Label
77	IL10_FL	Num	8	BEST12.	BEST32.	IL-10 (FI)
78	IL1B_FL	Num	8	BEST12.	BEST32.	IL-1B (FI)
79	IL6_FL	Num	8	BEST12.	BEST32.	IL-6 (FI)
80	IL8_FL	Num	8	BEST12.	BEST32.	IL-8 (FI)
81	MCP1_FL	Num	8	BEST12.	BEST32.	MCP-1 (FI)
82	TNFA_FL	Num	8	BEST12.	BEST32.	TNF (FI)
83	EOTAXIN_FL	Num	8	BEST12.	BEST32.	Eotaxin (FI)
84	GMCSF_FL	Num	8	BEST12.	BEST32.	GM-CSF (FI)
85	INFA2_FL	Num	8	BEST12.	BEST32.	IFNa2 (FI)
86	IL12P40_FL	Num	8	BEST12.	BEST32.	IL-12p40 (FI)
87	IL12P70_FL	Num	8	BEST12.	BEST32.	IL-12p70 (FI)
88	IL13_FL	Num	8	BEST12.	BEST32.	IL-13 (FI)
89	IL15_FL	Num	8	BEST12.	BEST32.	IL-15 (FI)
90	IL17A_FL	Num	8	BEST12.	BEST32.	IL-17A (FI)
91	L1RA_FL	Num	8	BEST12.	BEST32.	IL-1Ra (FI)
92	IL2_FL	Num	8	BEST12.	BEST32.	IL-2 (FI)
93	IL4_FL	Num	8	BEST12.	BEST32.	IL-4 (FI)
94	IL5_FL	Num	8	BEST12.	BEST32.	IL-5 (FI)
95	IL7_FL	Num	8	BEST12.	BEST32.	IL-7 (FI)
96	IP10_FL	Num	8	BEST12.	BEST32.	IP-10 (FI)
97	MIP1A_FL	Num	8	BEST12.	BEST32.	MIP-1a (FI)
98	MIP1B_FL	Num	8	BEST12.	BEST32.	MIP1B (FI)
99	CXCL9_FL	Num	8	BEST12.	BEST32.	CXCL9 (FI)
100	IL22_FL	Num	8	BEST12.	BEST32.	IL-22 (FI)
101	IL21_FL	Num	8	BEST12.	BEST32.	IL-21 (FI)
102	IL23_FL	Num	8	BEST12.	BEST32.	IL-23 (FI)
103	SIL2RA_FL	Num	8	BEST12.	BEST32.	sIL2Ra (FI)
104	tt_imm	Num	8			Weeks from baseline to sample date
105	immnum	Num	8			Sequence of immunology sample