

Data Set Name: forms.sas7bdat

Num	Variable	Type	Len	Format
1	cohort	Char	3	
2	collection	Num	3	
3	region	Num	3	
4	subregion	Num	8	
5	recruit_type	Num	3	
6	famid	Num	6	
7	analytic_id	Num	6	
8	dadid	Num	6	
9	momid	Num	6	
10	sex	Num	3	
11	type1	Num	3	
12	psid	Char	3	
13	study_participant	Num	3	
14	proband	Num	3	
15	duplicate	Num	3	
16	duplicate_cohort	Char	4	
17	duplicate_famid	Num	6	
18	duplicate_indid	Num	6	
19	d_pem	Char	9	
20	sourceppm	Num	3	
21	sourcefpm	Num	3	
22	ethnicpm	Num	3	
23	racemm1	Num	4	
24	racemm2	Num	4	
25	racemm3	Num	4	
26	racemf1	Num	4	
27	racemf2	Num	4	
28	racemf3	Num	4	
29	d_pef	Char	9	
30	sourceppf	Num	3	
31	sourcefpf	Num	3	
32	ethnicpf	Num	3	
33	racefm1	Num	4	
34	racefm2	Num	4	
35	racefm3	Num	3	
36	raceff1	Num	4	
37	raceff2	Num	4	

Num	Variable	Type	Len	Format
38	raceff3	Num	3	
39	elig_p	Num	3	
40	c_blood	Num	3	
41	c_info	Num	3	
42	c_cl	Num	3	
43	c_contact	Num	3	
44	no_commercial	Num	3	
45	sign	Num	3	
46	d_1sign	Char	9	
47	d_2sign	Char	9	
48	sibo	Num	3	
49	d_cmplt	Char	9	
50	d_elig	Char	9	
51	rc_phone	Num	3	
52	rc_face	Num	3	
53	rc_record	Num	3	
54	sourcee	Num	3	
55	gstudy	Num	3	
56	t1as	Num	3	
57	origin	Num	3	
58	onset	Num	3	
59	duration	Num	3	
60	insulin	Num	3	
61	qtype1	Num	3	
62	stoptx	Num	3	
63	dbey	Num	4	
64	agee	Num	3	
65	modyoth	Num	3	
66	cc_evidfam	Num	3	
67	autoim	Num	3	
68	willing	Num	3	
69	flive	Num	3	
70	mlive	Num	3	
71	unaffsib	Num	3	
72	tribe	Num	4	
73	elig	Num	3	
74	apply	Num	3	
75	appfor	Num	3	
76	ok	Num	3	

Num	Variable	Type	Len	Format
77	okfor	Num	3	
78	d_dec	Char	9	
79	d_app	Char	9	
80	appfor2	Num	3	
81	lateonset	Num	3	
82	okdelay	Num	3	
83	okstop	Num	3	
84	evidlab	Num	3	
85	evidfam	Num	3	
86	evidsym	Num	3	
87	wtloss	Num	3	
88	wtl_units	Num	3	
89	bmi	Num	3	
90	wt	Num	4	
91	wt_units	Num	3	
92	decision	Num	3	
93	cconvert	Num	3	
94	d_exam	Char	9	
95	d_examcc	Char	9	
96	ex_phone	Num	3	
97	ex_phonecc	Num	3	
98	ex_face	Num	3	
99	ex_facecc	Num	3	
100	ex_record	Num	3	
101	ex_recordcc	Num	3	
102	sourcex	Num	3	
103	sourcexcc	Num	3	
104	year_birth	Num	4	
105	age	Num	3	
106	hisp	Num	3	
107	race1	Num	4	
108	nhrace	Num	3	
109	race2	Num	4	
110	race3	Num	4	
111	diabetes	Num	3	
112	type	Num	3	
113	doy	Num	4	
114	d_onset	Char	9	
115	onset_t2	Num	3	

Num	Variable	Type	Len	Format
116	ms	Num	3	
117	celiac	Num	3	
118	thyroid	Num	3	
119	mgravis	Num	3	
120	panemia	Num	3	
121	sle	Num	3	
122	ra	Num	3	
123	ibd	Num	3	
124	vitiligo	Num	3	
125	add_dx	Num	3	
126	psor	Num	3	
127	nonedx	Num	3	
128	dkdx	Num	3	
129	habitus	Num	3	
130	gen0	Num	3	
131	gen0n	Num	3	
132	gen0t1	Num	3	
133	gen0od	Num	3	
134	gen0un	Num	3	
135	gen2	Num	3	
136	gen3m	Num	3	
137	gen3mtype	Num	3	
138	gen3f	Num	3	
139	gen3ftype	Num	3	
140	gen2av	Num	3	
141	gen2avn	Num	3	
142	gen2avt1	Num	3	
143	gen2avod	Num	3	
144	gen2avun	Num	3	
145	gen2m	Num	3	
146	gen2mt1	Num	3	
147	gen3mmt1	Num	3	
148	gen3mft1	Num	3	
149	gen2mod	Num	3	
150	gen3mmod	Num	3	
151	gen3mfod	Num	3	
152	gen2avm	Num	3	
153	gen2avmn	Num	3	
154	gen2avmt1	Num	3	

Num	Variable	Type	Len	Format
155	gen2avmod	Num	3	
156	gen2avmun	Num	3	
157	gen2f	Num	3	
158	gen2ft1	Num	3	
159	gen3fmt1	Num	3	
160	gen3fft1	Num	3	
161	gen2fod	Num	3	
162	gen3fmod	Num	3	
163	gen3ffod	Num	3	
164	gen2avf	Num	3	
165	gen2avfn	Num	3	
166	gen2avft1	Num	3	
167	gen2avfod	Num	3	
168	gen2avfun	Num	3	
169	gen1full	Num	3	
170	gen1sib	Num	3	
171	gen1st1	Num	3	
172	gen1sod	Num	3	
173	gen1sun	Num	3	
174	gen1hsibm	Num	3	
175	gen1hsmn	Num	3	
176	gen1hsmt1	Num	3	
177	gen1hsmod	Num	3	
178	gen1hsmun	Num	3	
179	gen1hsibf	Num	3	
180	gen1hsfn	Num	3	
181	gen1hsft1	Num	3	
182	gen1hsfod	Num	3	
183	gen1hsfun	Num	3	
184	rstudy	Num	3	
185	rstudy1	Num	3	
186	rstudy2	Num	3	
187	rstudy3	Num	3	
188	rstudy4	Num	3	
189	rstudy5	Num	3	
190	d_blood	Char	9	
191	drawn	Num	3	
192	tm_drawn	Num	8	TIME18.
193	tm_spun	Num	8	TIME18.

Num	Variable	Type	Len	Format
194	tm_frozen	Num	8	TIME18.
195	cell_line	Num	3	
196	n_cl	Num	3	
197	c_cline	Num	3	
198	serum	Num	3	
199	n_serum	Num	3	
200	plasma	Num	3	
201	n_plasma	Num	3	
202	cell_pack	Num	3	
203	qc	Num	3	
204	qctype	Num	3	
205	qcid	Num	6	
206	qcserum	Num	3	
207	n_qcs	Num	3	
208	qcplasma	Num	3	
209	n_qcp	Num	3	
210	qccpack	Num	3	
211	d_blood2	Char	9	
212	redraw	Num	3	
213	drawn2	Num	3	
214	tm_drawn2	Num	8	TIME18.
215	tm_spun2	Num	8	TIME18.
216	tm_frozen2	Num	8	TIME18.
217	cell_line2	Num	3	
218	n_cl2	Num	3	
219	c_cline2	Num	3	
220	serum2	Num	3	
221	n_serum2	Num	3	
222	plasma2	Num	3	
223	n_plasma2	Num	3	
224	cell_pack2	Num	3	

Data Set Name: hla.sas7bdat

Num	Variable	Type	Len
1	cohort	Char	3
2	collection	Num	3
3	region	Num	3
4	subregion	Num	8
5	recruit_type	Num	3
6	famid	Num	6
7	analytic_id	Num	6
8	dadid	Num	6
9	momid	Num	6
10	sex	Num	3
11	type1	Num	3
12	psid	Char	3
13	study_participant	Num	3
14	proband	Num	3
15	duplicate	Num	3
16	duplicate_cohort	Char	4
17	duplicate_famid	Num	6
18	duplicate_indid	Num	6
19	d_batch	Char	9
20	hla_a_1	Char	4
21	hla_a_2	Char	4
22	hla_b_1	Char	4
23	hla_b_2	Char	4
24	hla_c_1	Char	4
25	hla_c_2	Char	4
26	hla_drb1_1	Char	4
27	hla_drb1_2	Char	4
28	hla_dqa1_1	Char	4
29	hla_dqa1_2	Char	4
30	hla_dqb1_1	Char	4
31	hla_dqb1_2	Char	4
32	hla_dpa1_1	Char	4
33	hla_dpa1_2	Char	4
34	hla_dpb1_1	Char	4
35	hla_dpb1_2	Char	4
36	ctla4_1	Char	1

Num	Variable	Type	Len
37	ctla4_2	Char	1
38	ins_hph1_1	Char	1
39	ins_hph1_2	Char	1
40	ambigb_crx	Num	3
41	ambigdqb_crx	Num	3

Data Set Name: labs.sas7bdat

Num	Variable	Type	Len
1	cohort	Char	3
2	collection	Num	3
3	region	Num	3
4	subregion	Num	8
5	recruit_type	Num	3
6	famid	Num	6
7	analytic_id	Num	6
8	dadid	Num	6
9	momid	Num	6
10	sex	Num	3
11	type1	Num	3
12	psid	Char	3
13	study_participant	Num	3
14	proband	Num	3
15	duplicate	Num	3
16	duplicate_cohort	Char	4
17	duplicate_famid	Num	6
18	duplicate_indid	Num	6
19	age_sample	Num	3
20	mon_sample	Num	3
21	year_sample	Num	4
22	d_drawn_cl	Char	9
23	age_cline	Num	3
24	mon_cline	Num	3
25	year_cline	Num	4
26	d_drawn_cp	Char	9
27	age_dna_cp	Num	3
28	mon_dna_cp	Num	3
29	year_dna_cp	Num	4
30	d_drawn_wb	Char	9
31	age_dna_wb	Num	3
32	mon_dna_wb	Num	3
33	year_dna_wb	Num	4
34	d_drawn_p	Char	9
35	age_plasma	Num	3
36	mon_plasma	Num	3

Num	Variable	Type	Len
37	year_plasma	Num	4
38	d_drawn_s	Char	9
39	age_serum	Num	3
40	mon_serum	Num	3
41	year_serum	Num	4
42	thawed_plasma	Num	3
43	thawed_serum	Num	3
44	thawed_qcplasma	Num	3
45	thawed_qcserum	Num	3
46	m_spun	Num	4
47	m_frozen	Num	4
48	hr24	Num	3
49	delay_freeze	Num	3
50	d_scline	Char	9
51	d_scpack	Char	9
52	d_splasma	Char	9
53	d_sserum	Char	9
54	d_sqccpack	Char	9
55	d_sqcplasma	Char	9
56	d_sqcserum	Char	9
57	lab_gad65	Num	4
58	d_gad65	Char	9
59	gad65	Num	4
60	r_gad65	Num	3
61	assay_gad65	Num	3
62	lab_ia2	Num	4
63	d_ia2	Char	9
64	ia2	Num	8
65	r_ia2	Num	3
66	assay_ia2	Num	3
67	lab_tpo	Num	4
68	d_tpo	Char	9
69	tpo	Num	8
70	r_tpo	Num	3
71	lab_tg	Num	4
72	d_tg	Char	9
73	tg	Num	8
74	r_tg	Num	3
75	lab_oh21	Num	4

Num	Variable	Type	Len
76	d_oh21	Char	9
77	oh21	Num	8
78	r_oh21	Num	3
79	lab_atpase	Num	8
80	d_atpase	Char	9
81	atpase	Num	8
82	r_atpase	Num	3
83	lab_znt8	Num	8
84	d_znt8	Char	9
85	znt8_cwcr	Num	8
86	r_znt8_cwcr	Num	3
87	znt8_crcr	Num	8
88	r_znt8_crcr	Num	3
89	znt8_cr_only	Num	3
90	znt8_cwcw	Num	8
91	r_znt8_cwcw	Num	3
92	znt8_cw_only	Num	3
93	transform	Num	3

Data Set Name: repository.sas7bdat

Num	Variable	Type	Len
1	cohort	Char	3
2	collection	Num	3
3	region	Num	3
4	subregion	Num	8
5	recruit_type	Num	3
6	famid	Num	6
7	analytic_id	Num	6
8	dadid	Num	6
9	momid	Num	6
10	sex	Num	3
11	type1	Num	3
12	psid	Char	3
13	study_participant	Num	3
14	proband	Num	3
15	duplicate	Num	3
16	duplicate_cohort	Char	4
17	duplicate_famid	Num	6
18	duplicate_indid	Num	6
19	age_sample	Num	3
20	mon_sample	Num	3
21	year_sample	Num	4
22	d_drawn_cl	Char	9
23	age_cline	Num	3
24	mon_cline	Num	3
25	year_cline	Num	4
26	d_drawn_cp	Char	9
27	age_dna_cp	Num	3
28	mon_dna_cp	Num	3
29	year_dna_cp	Num	4
30	d_drawn_wb	Char	9
31	age_dna_wb	Num	3
32	mon_dna_wb	Num	3
33	year_dna_wb	Num	4
34	d_drawn_p	Char	9
35	age_plasma	Num	3
36	mon_plasma	Num	3

Num	Variable	Type	Len
37	year_plasma	Num	4
38	d_drawn_s	Char	9
39	age_serum	Num	3
40	mon_serum	Num	3
41	year_serum	Num	4
42	thawed_plasma	Num	3
43	thawed_serum	Num	3
44	thawed_qcplasma	Num	3
45	thawed_qcserum	Num	3
46	m_spun	Num	4
47	m_frozen	Num	4
48	hr24	Num	3
49	delay_freeze	Num	3
50	d_scline	Char	9
51	d_scpack	Char	9
52	d_splasma	Char	9
53	d_sserum	Char	9
54	d_sqccpack	Char	9
55	d_sqcplasma	Char	9
56	d_sqcserum	Char	9
57	rep_cell_line	Num	3
58	rep_cl_viable	Num	3
59	rep_dna_cl	Num	3
60	rep_dna_cp	Num	3
61	rep_dna_wb	Num	3
62	rep_plasma	Num	3
63	rep_serum	Num	3
64	rep_qcdna_cp	Num	3
65	rep_qcplasma	Num	3
66	rep_qcserum	Num	3