

*Data Set Name: rti\_famn.sas7bdat*

Num	Variable	Type	Len	Format	Informat	Label
1	X_BARCOD	Char	8	\$5.	\$5.	Accession # Barcode
2	EXTIDPAT	Char	10			External Patient ID (masked family id)
3	ex_gain	Num	8			ex_gain exclude for any reason GAIN
4	ex_site	Num	8			ex_site exclude site from GAIN
5	ex_qc	Num	8			ex_qc exclude qc samples from GAIN
6	ex_parnt	Num	8			ex_parnt exclude all parents from GAIN
7	ex_relat	Num	8			ex_relat exclude oth. relative from GAIN
8	CURRELIG	Num	5	ELIG7N12.		CURRELIG current eligibility family
9	CURRTRIO	Num	5	TRIO5N12.		CURRTRIO current trio family
10	T_FAMID2	Char	8			T_FAMID2 masked external family id
11	SITEJORG	Char	1			SITEJORG Joslin or GW or qc (j, g, q)
12	T_N_TOT	Num	5			T_N_TOT # total records per family
13	T_N_KID	Num	5			T_N_KID # proband/sib records/family
14	T_N_PAR	Num	5			T_N_PAR # parent records per family
15	BARCOD01	Char	8			BARCOD01 rel01 accession # barcode
16	BARCOD02	Char	8			BARCOD02 rel02 accession # barcode
17	BARCOD03	Char	8			BARCOD03 rel03 accession # barcode
18	BARCOD04	Char	8			BARCOD04 rel04 accession # barcode
19	X_QCSTAT	Char	1			X_QCSTAT QC STATUS 0=n 1=y
20	PROBAND	Num	8	YESNO.		Proband or Sib
21	VSTATUS	Num	8	YESNO.		Current Vital Status
22	X_ID_REL	Char	2			X_ID_REL id relative (patient 9-10)
23	x_asofdt	Num	6	MMDDYY8.		X_ASOFDT file as of date

**Data Set Name: e1a\_core.sas7bdat**

Num	Variable	Type	Len	Format	Label
1	EXTIDPAT	Char	10		External Patient ID (masked family id)
2	X_BARCOD	Char	8		Accession # Barcode
3	CURRELIG	Num	5	ELIG7N12.	CURRELIG current eligibility family
4	CURRTRIO	Num	5	TRIO5N12.	CURRTRIO current trio family
5	T_FAMID2	Char	8		T_FAMID2 masked external family id
6	SITEJORG	Char	1		SITEJORG Joslin or GW or qc (j, g, q)
7	T_N_KID	Num	5		T_N_KID # proband/sib records/family
8	X_ID_REL	Char	2		X_ID_REL id relative (patient 9-10)
9	PROBAND	Num	8	YESNO.	Proband or Sib
10	X_RASSPR	Num	8	YESNO.	RASS Proband
11	SEX	Num	8	SEXN.	Sex
12	AGE	Num	8	8.	Age at entry (yrs)
13	RACE	Num	8	RACEN.	Predominant Race/Ethnicity
14	ELIGTRIO	Char	8		Eligibility / Trio Status
15	RENALST	Num	8	RENALSTF.	Renal Function Status
16	ESRD	Num	8	YESNOUN.	End-Stage Renal Disease
17	PANCR	Num	8	YESNOUN.	Pancreas Transplant
18	ACR1	Num	8	8.1	ACR/AER 1st Urine Sample
19	ACR2	Num	8	8.1	ACR/AER 2nd Urine Sample
20	ACR3	Num	8	8.1	ACR/AER 3rd Urine Sample
21	ABCREATN	Num	8	YESNOUN.	Abnormal Creatinine
22	CREATN	Num	8	8.1	Serum Creatinine (mg/dL)
23	CYSTATIN	Num	8	8.2	Serum Cystatin (mg/L)
24	CHOLSTR	Num	8	8.	Serum Lipid Cholesterol (mg/dL)
25	HDL	Num	8	8.	Serum Lipid HDL (mg/dL)
26	HBA1C	Num	8	8.1	Blood HbA1c (%)
27	GFR1	Num	8	8.3	GFR1 (MDRD)
28	GFR2	Num	8	8.3	GFR2 (Cockcroft-Gault) (ml/min)
29	GFR3	Num	8	8.3	GFR3 (1/Serum Creatinine )
30	BMI	Num	8	8.1	Body Mass Index (kg/m2)
31	WAIST	Num	8	8.1	Natural Waist Circumference (cm)
32	CURRSMK	Num	8	YESNOUN.	Current Smoker
33	EVERSMK	Num	8	YESNOUN.	Ever Smoked
34	DIABETES	Num	8	YESNOUN.	Diabetes or not
35	T1T2DIA	Num	8	T1T2DIA.	Type 1 or Type 2 Diabetes
36	INSULIN	Num	8	YESNOUN.	Taking Insulin or Not

Num	Variable	Type	Len	Format	Label
37	INSREGMN	Num	8	INSREGMN.	Insulin Regimen
38	INSDOSG	Num	8	8.1	Insulin Dosage per kg Body Weight
39	DIABDUR	Num	8	8.	Duration of Diabetes (yrs)
40	ACE	Num	8	YESNOUN.	Taking ACE Inhibitors
41	ANTH	Num	8	YESNOUN.	Taking Anti-Hypertensive Drugs
42	LIP	Num	8	YESNOUN.	Taking Lipid Lowering Medication
43	SYSBP	Num	8	8.1	Systolic BP (mm Hg)
44	DIABP	Num	8	8.1	Diastolic BP (mm Hg)
45	HYPERTEN	Num	8	YESNOUN.	Hypertension
46	CARDIOV	Num	8	YESNOUN.	Cardiovascular Complication
47	PERIPHV	Num	8	YESNOUN.	Peripheral Vascular Complication
48	GANGREN	Num	8	YESNOUN.	Gangrene
49	AMPUTATN	Num	8	YESNOUN.	Non-Traumatic Amputation
50	NEURP	Num	8	YESNOUN.	Neuropathy Due to Diabetes
51	FLASER	Num	8	YESNOUN.	Focal Laser Treatment
52	PLASER	Num	8	YESNOUN.	Pan-retinal Laser Treatment
53	AUTOIMMU	Num	8	AUTOIMMU.	Auto-immune Disease
54	TIMEEVNT	Num	8	8.	Time Dx T1D to Kidney Complications (yr)

**Data Set Name: e1a\_famn.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	EXTIDPAT	Char	10			External Patient ID (masked family id)
2	X_BARCOD	Char	8	\$5.	\$5.	Accession # Barcode
3	CURRELIG	Num	5	ELIG7N12.		CURRELIG current eligibility family
4	CURRTRIO	Num	5	TRIO5N12.		CURRTRIO current trio family
5	T_FAMID2	Char	8			T_FAMID2 masked external family id
6	SITEJORG	Char	1			SITEJORG Joslin or GW or qc (j, g, q)
7	T_N_TOT	Num	5			T_N_TOT # total records per family
8	T_N_KID	Num	5			T_N_KID # proband/sib records/family
9	T_N_PAR	Num	5			T_N_PAR # parent records per family
10	BARCOD01	Char	8			BARCOD01 rel01 accession # barcode
11	BARCOD02	Char	8			BARCOD02 rel02 accession # barcode
12	BARCOD03	Char	8			BARCOD03 rel03 accession # barcode
13	BARCOD04	Char	8			BARCOD04 rel04 accession # barcode
14	X_QCSTAT	Char	1			X_QCSTAT QC STATUS 0=n 1=y
15	PROBAND	Num	8	YESNO.		Proband or Sib
16	VSTATUS	Num	8	YESNO.		Current Vital Status
17	X_ID_REL	Char	2			X_ID_REL id relative (patient 9-10)
18	x_asofdt	Num	6	MMDDYY8.		X_ASOFDT file as of date

**Data Set Name: e1a\_famr.sas7bdat**

Num	Variable	Type	Len	Format	Label
1	T_FAMID2	Char	8		T_FAMID2 masked external family id
2	SITEJORG	Char	1		SITEJORG Joslin or GW or qc (j, g, q)
3	CURRELIG	Num	5	ELIG7N12.	CURRELIG current eligibility family
4	CURRTRIO	Num	5	TRIO5N12.	CURRTRIO current trio family
5	T_N_TOT	Num	5		T_N_TOT # total records per family
6	T_N_KID	Num	5		T_N_KID # proband/sib records/family
7	T_N_PAR	Num	5		T_N_PAR # parent records per family
8	BARCOD01	Char	8		BARCOD01 rel01 accession # barcode
9	BARCOD02	Char	8		BARCOD02 rel02 accession # barcode
10	BARCOD03	Char	8		BARCOD03 rel03 accession # barcode
11	BARCOD04	Char	8		BARCOD04 rel04 accession # barcode
12	X_QCSTAT	Char	1		X_QCSTAT QC status

**Data Set Name: e1a\_gene.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	EXTIDPAT	Char	10			External Patient ID (masked family id)
2	X_BARCOD	Char	8	\$5.	\$5.	Accession # Barcode
3	CURRELIG	Num	5	ELIG7N12.		CURRELIG current eligibility family
4	CURRTRIO	Num	5	TRIO5N12.		CURRTRIO current trio family
5	T_FAMID2	Char	8			T_FAMID2 masked external family id
6	SITEJORG	Char	1			SITEJORG Joslin or GW or qc (j, g, q)
7	T_N_KID	Num	5			T_N_KID # proband/sib records/family
8	G_DRB1AC	Num	4			G_DRB1AC HLA DRB1 ambiguity count
9	G_DRB1_1	Char	20	\$14.	\$14.	G_DRB1_1 HLA DRB1_1
10	G_DRB1_2	Char	20	\$14.	\$14.	G_DRB1_2 HLA DRB1_2
11	G_DRB1_3	Char	20	\$14.	\$14.	G_DRB1_3 HLA DRB1_3
12	G_DRB1_4	Char	20	\$14.	\$14.	G_DRB1_4 HLA DRB1_4
13	G_DRB1RL	Char	6			G_DRB1RL HLA DRB1 library release #
14	G_DQA1AC	Num	4			G_DQA1AC HLA DQA1 ambiguity count
15	G_DQA1_1	Char	20	\$14.	\$14.	G_DQA1_1 HLA DQA1_1
16	G_DQA1_2	Char	20	\$14.	\$14.	G_DQA1_2 HLA DQA1_2
17	G_DQA1_3	Char	20	\$14.	\$14.	G_DQA1_3 HLA DQA1_3
18	G_DQA1RL	Char	6			G_DQA1RL HLA DQA1 library release #
19	G_DQB1AC	Num	4			G_DQB1AC HLA DQB1 ambiguity count
20	G_DQB1_1	Char	20	\$14.	\$14.	G_DQB1_1 HLA DQB1_1
21	G_DQB1_2	Char	20	\$14.	\$14.	G_DQB1_2 HLA DQB1_2
22	G_DQB1_3	Char	20	\$2.	\$2.	G_DQB1_3 HLA DQB1_3
23	G_DQB1_4	Char	20	\$2.	\$2.	G_DQB1_4 HLA DQB1_4
24	G_DQB1RL	Char	6			G_DQB1RL HLA DQB1 library release #
25	G_INS	Char	6	\$3.	\$3.	G_INS insulin nucleotide positn. 23
26	G_TH01	Char	10	\$9.	\$9.	G_TH01 microsatellite TH01
27	G_TPOX	Char	10	\$9.	\$9.	G_TPOX microsatellite TPOX
28	G_CSF1PO	Char	10	\$9.	\$9.	G_CSF1PO microsatellite CSF1PO
29	G_SEX	Char	1	\$1.	\$1.	G_SEX sex verification amelogenin
30	G_QCSAMP	Char	1			G_QCSAMP QC GENETICS (no elig or trio)
31	G_FILEDT	Num	8	MMDDYY8.		G_FILEDT file date CDC to GWU FTP transf
32	X_ID_REL	Char	2			X_ID_REL id relative (patient 9-10)
33	X_QCSTAT	Char	1			X_QCSTAT QC STATUS 0=n 1=y

**Data Set Name: e1g\_core.sas7bdat**

Num	Variable	Type	Len	Format	Label
1	EXTIDPAT	Char	10		External Patient ID (masked family id)
2	X_BARCOD	Char	8		Accession # Barcode
3	CURRELIG	Num	5	ELIG7N12.	CURRELIG current eligibility family
4	CURRTRIO	Num	5	TRIO5N12.	CURRTRIO current trio family
5	T_FAMID2	Char	8		T_FAMID2 masked external family id
6	SITEJORG	Char	1		SITEJORG Joslin or GW or qc (j, g, q)
7	T_N_KID	Num	5		T_N_KID # proband/sib records/family
8	X_ID_REL	Char	2		X_ID_REL id relative (patient 9-10)
9	PROBAND	Num	8	YESNO.	Proband or Sib
10	X_RASSPR	Num	8	YESNO.	RASS Proband
11	SEX	Num	8	SEXN.	Sex
12	AGE	Num	8	8.	Age at entry (yrs)
13	RACE	Num	8	RACEN.	Predominant Race/Ethnicity
14	ELIGTRIO	Char	8		Eligibility / Trio Status
15	RENALST	Num	8	RENALSTF.	Renal Function Status
16	ESRD	Num	8	YESNOUN.	End-Stage Renal Disease
17	PANCR	Num	8	YESNOUN.	Pancreas Transplant
18	ACR1	Num	8	8.1	ACR/AER 1st Urine Sample
19	ACR2	Num	8	8.1	ACR/AER 2nd Urine Sample
20	ACR3	Num	8	8.1	ACR/AER 3rd Urine Sample
21	ABCREATN	Num	8	YESNOUN.	Abnormal Creatinine
22	CREATN	Num	8	8.1	Serum Creatinine (mg/dL)
23	CYSTATIN	Num	8	8.2	Serum Cystatin (mg/L)
24	CHOLSTR	Num	8	8.	Serum Lipid Cholesterol (mg/dL)
25	HDL	Num	8	8.	Serum Lipid HDL (mg/dL)
26	HBA1C	Num	8	8.1	Blood HbA1c (%)
27	GFR1	Num	8	8.3	GFR1 (MDRD)
28	GFR2	Num	8	8.3	GFR2 (Cockcroft-Gault) (ml/min)
29	GFR3	Num	8	8.3	GFR3 (1/Serum Creatinine )
30	BMI	Num	8	8.1	Body Mass Index (kg/m2)
31	WAIST	Num	8	8.1	Natural Waist Circumference (cm)
32	CURRSMK	Num	8	YESNOUN.	Current Smoker
33	EVERSMK	Num	8	YESNOUN.	Ever Smoked
34	DIABETES	Num	8	YESNOUN.	Diabetes or not
35	T1T2DIA	Num	8	T1T2DIA.	Type 1 or Type 2 Diabetes
36	INSULIN	Num	8	YESNOUN.	Taking Insulin or Not

Num	Variable	Type	Len	Format	Label
37	INSREGMN	Num	8	INSREGMN.	Insulin Regimen
38	INDOSG	Num	8	8.1	Insulin Dosage per kg Body Weight
39	DIABDUR	Num	8	8.	Duration of Diabetes (yrs)
40	ACE	Num	8	YESNOUN.	Taking ACE Inhibitors
41	ANTH	Num	8	YESNOUN.	Taking Anti-Hypertensive Drugs
42	LIP	Num	8	YESNOUN.	Taking Lipid Lowering Medication
43	SYSBP	Num	8	8.1	Systolic BP (mm Hg)
44	DIABP	Num	8	8.1	Diastolic BP (mm Hg)
45	HYPERTEN	Num	8	YESNOUN.	Hypertension
46	CARDIOV	Num	8	YESNOUN.	Cardiovascular Complication
47	PERIPHV	Num	8	YESNOUN.	Peripheral Vascular Complication
48	GANGREN	Num	8	YESNOUN.	Gangrene
49	AMPUTATN	Num	8	YESNOUN.	Non-Traumatic Amputation
50	NEURP	Num	8	YESNOUN.	Neuropathy Due to Diabetes
51	FLASER	Num	8	YESNOUN.	Focal Laser Treatment
52	PLASER	Num	8	YESNOUN.	Pan-retinal Laser Treatment
53	AUTOIMMU	Num	8	AUTOIMMU.	Auto-immune Disease
54	TIMEEVNT	Num	8		Time Dx T1D to Kidney Complications (yr)



**Data Set Name: e1g\_srbj.sas7bdat**

Num	Variable	Type	Len	Format	Label
1	EXTIDPAT	Char	10		External Patient ID (masked family id
2	X_BARCOD	Char	8		Accession # Barcode
3	CURRELIG	Num	5	ELIG7N12.	CURRELIG current eligibility family
4	CURRTRIO	Num	5	TRIO5N12.	CURRTRIO current trio family
5	T_FAMID2	Char	8		T_FAMID2 masked external family id
6	SITEJORG	Char	1		SITEJORG Joslin or GW or qc (j, g, q)
7	T_N_KID	Num	5		T_N_KID # proband/sib records/family
8	X_FORM	Char	6		X_FORM GoKinD form
9	BJSMOKE1	Num	8	N1Y2F.	Ever Smoked (n/y)
10	BJSMOKE2	Num	8		Age started smoking in years
11	BJSMOKE3	Num	8	N1Y2F.	Current Smoker (n/y)
12	BJSMOKE4	Num	8		Current Smoker avg. # cigarettes per day
13	BJSMOKE5	Char	5		How Long Since Quit Smoking Cig. (yr/mo)
14	BJSMOKE6	Char	5		Ever quit -# yr/mo w/out smoking (yr/mo)
15	BJSMOKE7	Num	8	N1Y2F.	Has Never Quit Smoking (n/y)
16	BJDRINK1	Num	8	N1Y2F.	One alcoholic beverage per week (n/y)
17	BJDRINK2	Num	8		How many 12-oz. bottles of beer
18	BJDRINK3	Num	8		How many 12-oz. bottles of light beer
19	BJDRINK4	Num	8		How many 4-oz. glasses of wine
20	BJDRINK5	Num	8		How many shots of hard liquor
21	BJACTIV1	Num	8		proband level of activity on job, school
22	BJACTIV2	Num	8		Light Activity Leisure per wk (hrs/min)
23	BJACTIV3	Num	8		Moderate Activity Leisure per wk(hr/min)
24	BJACTIV4	Num	8		Hard Activity Leisure per wk (hrs/min)
25	BJACTIV5	Num	8		Very Hard Activity Leisure per wk(hr/min)
26	BJPAR1	Num	8		Hypertension in parents (n/y/u)
27	BJPAR2	Num	8		Myocardial infarction in parents (n/y/u)
28	BJPAR3	Num	8		MI Before age 40 in parents (n/y/u)
29	BJPAR4	Num	8		MI in diabetic parents (n/y/u)
30	BJPAR_AD	Num	8		Addisons disease in parents (n/y/u)
31	BJPAR_UC	Num	8		Ulcerative colitis in parents (n/y/u)
32	BJPAR_CD	Num	8		Crohns disease in parents (n/y/u)
33	BJPAR_SL	Num	8		Systemic lupus erythematosus in parents
34	BJPAR_RA	Num	8		Rheumatoid arthritis in parents (n/y/u)
35	BJPAR_JR	Num	8		Juvenile rheumatoid arthritis in parents
36	BJPAR_MS	Num	8		Multiple sclerosis in parents (n/y/u)

Num	Variable	Type	Len	Format	Label
37	BJPAR_CS	Num	8		Celiac sprue in parents (n/y/u)
38	BJPAR_GD	Num	8		Graves disease in parents (n/y/u)
39	BJPAR_HD	Num	8		Hashimotos disease in parents (n/y/u)
40	BJPAR_PA	Num	8		Pernicious anemia in parents (n/y/u)
41	BJPAR_V	Num	8		Vitiligo in parents (n/y/u)
42	BJPAR_A	Num	8		Alopecia in parents (n/y/u)
43	BJPAR_OT	Num	8		Other autoimm. dz. in parents (n/y/u)
44	BJPAR5	Num	8		Serious eye disease in parents (n/y/u)
45	BJPAR6	Num	8		Eye disease due to diabetes in parents
46	BJPAR7	Num	8		Renal disease in parents (n/y/u)
47	BJPAR8	Num	8		Renal disease due to diabetes in parents
48	BJPAR9	Num	8		Microalbuminuria in parents (n/y/u)
49	BJPAR10	Num	8		Proteinuria in parents (n/y/u)
50	BJPAR11	Num	8		Dialysis in parents (n/y/u)
51	BJPAR12	Num	8		Transplant in parents (n/y/u)
52	BJPAR13	Num	8		Neurologic disease in parents (n/y/u)
53	BJPAR14	Num	8		Neurol. Dz due to diabetes in parents
54	BJPAR15	Num	8		Hyperlipidemia in parents (n/y/u)
55	BJSIB1	Num	8		Hypertension in sibs (n/y/u/na)
56	BJSIB2	Num	8		Myocardial infarction in sibs (n/y/u/na)
57	BJSIB3	Num	8		MI before age 40 in sibs (n/y/u/na)
58	BJSIB4	Num	8		MI in diabetic person in sibs (n/y/u/na)
59	BJSIB_AD	Num	8		Addisons disease in sibs (n/y/u/na)
60	BJSIB_UC	Num	8		Ulcerative colitis in sibs (n/y/u/na)
61	BJSIB_CD	Num	8		Crohns disease in sibs (n/y/u/na)
62	BJSIB_SL	Num	8		Systemic lupus erythematosus in sibs
63	BJSIB_RA	Num	8		Rheumatoid arthritis in sibs (n/y/u/na)
64	BJSIB_JR	Num	8		Juvenile rheumatoid arthritis in sibs
65	BJSIB_MS	Num	8		Multiple sclerosis in sibs (n/y/u/na)
66	BJSIB_CS	Num	8		Celiac sprue in sibs (n/y/u/na)
67	BJSIB_GD	Num	8		Graves disease in sibs (n/y/u/na)
68	BJSIB_HD	Num	8		Hashimotos disease in sibs (n/y/u/na)
69	BJSIB_PA	Num	8		Pernicious anemia in sibs (n/y/u/na)
70	BJSIB_V	Num	8		Vitiligo in sibs (n/y/u/na)
71	BJSIB_A	Num	8		Alopecia in sibs (n/y/u/na)
72	BJSIB_OT	Num	8		Other autoimm. dz. in sibs (n/y/u/na)
73	BJSIB5	Num	8		Serious eye disease in sibs (n/y/u/na)
74	BJSIB6	Num	8		eye disease due to diabetes in sibs
75	BJSIB7	Num	8		Renal disease in sibs (n/y/u/na)

Num	Variable	Type	Len	Format	Label
76	BJSIB8	Num	8		Renal disease due to diabetes in sibs
77	BJSIB9	Num	8		Microalbuminuria in sibs (n/y/u/na)
78	BJSIB10	Num	8		Proteinuria in sibs (n/y/u/na)
79	BJSIB11	Num	8		Dialysis in sibs (n/y/u/na)
80	BJSIB12	Num	8		Transplant in sibs (n/y/u/na)
81	BJSIB13	Num	8		Neurologic disease in sibs (n/y/u/na)
82	BJSIB14	Num	8		Neurological Dz due to diabetes in sibs
83	BJSIB15	Num	8		Hyperlipidemia in sibs (n/y/u/na)
84	BJSKIN1	Num	8	N1Y2F.	skin - eruptive xanthoma (n/y)
85	BJSKIN2	Num	8	N1Y2F.	skin - xanthelasma (n/y)
86	BJSKIN3	Num	8	N1Y2F.	skin - necrobiosis (n/y)
87	BJSKIN4	Num	8	N1Y2F.	skin - shin spot (diabetic dermopathy)
88	BJSKIN5	Num	8	N1Y2F.	skin - other significant skin condition
89	BJEXTR1	Num	8	N1Y2F.	extrem - gangrene (n/y)
90	BJEXTR2	Num	8	N1Y2F.	extrem - amputation (n/y)
91	BJEXTR3	Num	8	N1Y2F.	extrem - ulcers (n/y)
92	BJEXTR4	Num	8	N1Y2F.	extrem - cellulitis (n/y)
93	BJEXTR5	Num	8	N1Y2F.	extrem - charcot joints (n/y)
94	BJEXTR6	Num	8	N1Y2F.	extrem -other significant condition(n/y)
95	BJEYE1	Num	8	N1Y2F.	eye - severe myopia (n/y)
96	BJEYE2	Num	8	N1Y2F.	eye - pan-retinal photocoagulation (n/y)
97	BJEYE3	Num	8	N1Y2F.	eye - focal photocoag. for macular edema
98	BJEYE4	Num	8	N1Y2F.	eye - aphakia (cataract extraction) (n/y)
99	BJEYE5	Num	8	N1Y2F.	eye - glaucoma requiring medication (n/y)
100	BJEYE6	Num	8	N1Y2F.	eye - other signific eye pathology (n/y)
101	BJCARD1	Num	8	N1Y2F.	cv - history of hypertension (n/y)
102	BJCARD2	Num	8	N1Y2F.	cv - angina (n/y)
103	BJCARD3	Num	8	N1Y2F.	cv - congestive heart failure
104	BJCARD4	Num	8	N1Y2F.	cv - myocardial infarction (n/y)
105	BJCARD5	Num	8	N1Y2F.	cv - CHD req.stent angioplasty or bypass
106	BJCARD6	Num	8	N1Y2F.	cv - PVD or intermittent claudication
107	BJCARD7	Num	8	N1Y2F.	cv - arrhythmia requiring treatment (n/y)
108	BJCARD8	Num	8	N1Y2F.	cv - transient ischemic attacks req. tx
109	BJCARD9	Num	8	N1Y2F.	cv - atherothrombotic brain infarction
110	BJCARD10	Num	8	N1Y2F.	cv - other signific cardiovascular cond.
111	BJGASTR1	Num	8	N1Y2F.	gi - liver disease, jaundice (n/y)
112	BJGASTR2	Num	8	N1Y2F.	gi - liver disease, jaundice - chronic
113	BJGASTR3	Num	8	N1Y2F.	gi - pancreatitis (n/y)
114	BJGASTR4	Num	8	N1Y2F.	gi - pancreatitis - chronic (n/y)

Num	Variable	Type	Len	Format	Label
115	BJGASTR5	Num	8	N1Y2F.	gi - other significant gastrointestinal
116	BJUR7_1B	Num	8	N1Y2F.	gu - dz upper urinary tract chronic (n/y
117	BJUR1	Num	8	N1Y2F.	gu - dialysis (n/y)
118	BJUR2	Num	8	N1Y2F.	gu - transplant of the kidney (n/y)
119	BJUR3	Num	8	N1Y2F.	gu - transplant of the pancreas (n/y)
120	BJUR4	Num	8	N1Y2F.	gu - Timed Urine >208ug/min (300mg/24hr)
121	BJUR5	Num	8	N1Y2F.	gu - Overnight Collection >200 ug/min
122	BJUR6	Num	8	N1Y2F.	gu -Total Urinary protein > 500 mg/24hr
123	BJUR7	Num	8	N1Y2F.	gu - Dipstick (Albustix or Multistix)>1+
124	BJUR7_1	Num	8	N1Y2F.	gu - diseases upper urinary tract (n/y)
125	BJUR8	Num	8	N1Y2F.	gu - diseases lower urinary tract (n/y)
126	BJUR10	Num	8	N1Y2F.	gu - dz lower urinary tract chronic (n/y
127	BJUR11	Num	8	N1Y2F.	gu - family history urinary tract dz
128	BJUR13	Num	8	N1Y2F.	gu - kidney bladder infect req. antibiot
129	BJUR14	Num	8		gu - # kidney infec in past 2 yrs
130	BJUR15	Num	8		gu - # bladder infec in past 2 yrs
131	BJUR16	Num	8		gu - # kidney or bladder infec past 2 yr
132	BJNEUR1	Num	8	N1Y2F.	neur - severe symptomatic periph. neurop
133	BJNEUR2	Num	8	N1Y2F.	neur - seizures (n/y)
134	BJNEUR3	Num	8	N1Y2F.	neur - other significant neurologic cond
135	BJREL_AD	Num	8	N1Y2F.	audz - Addison's disease (n/y)
136	BJREL_UC	Num	8	N1Y2F.	audz - Ulcerative colitis (n/y)
137	BJREL_CD	Num	8	N1Y2F.	audz - Crohn's disease (n/y)
138	BJREL_SL	Num	8	N1Y2F.	audz - Systemic lupus erythematosus (n/y
139	BJREL_RA	Num	8	N1Y2F.	audz - Rheumatoid arthritis (n/y)
140	BJREL_JR	Num	8	N1Y2F.	audz - Juvenile rheumatoid arthritis (n/
141	BJREL_MS	Num	8	N1Y2F.	audz - Multiple sclerosis (n/y)
142	BJREL_CS	Num	8	N1Y2F.	audz - Celiac sprue (n/y)
143	BJREL_GD	Num	8	N1Y2F.	audz - Graves disease hyperthyroid (n/y)
144	BJREL_HD	Num	8	N1Y2F.	audz - Hashimoto's disease (n/y)
145	BJREL_PA	Num	8	N1Y2F.	audz - Pernicious anemia (n/y)
146	BJREL_V	Num	8	N1Y2F.	audz - Vitiligo (n/y)
147	BJREL_A	Num	8	N1Y2F.	audz - Alopecia (n/y)
148	BJREL_OT	Num	8	N1Y2F.	audz - Other Autoimmune Disease (n/y)
149	BJOTH1	Num	8	N1Y2F.	other - history any other medical condit
150	BJSYS1	Num	8		Systolic Pressure 1 (mm Hg)
151	BJDIA1	Num	8		Diastolic Pressure 1 (mm Hg)
152	BJSYS2	Num	8		Systolic Pressure 2 (mm Hg)
153	BJDIA2	Num	8		Diastolic Pressure 2 (mm Hg)

Num	Variable	Type	Len	Format	Label
154	BJHEIG1	Num	8		Body Height 1 (cm)
155	BJHEIG2	Num	8		Body Height 2 (cm)
156	BJHEIG3	Num	8		Body Height 3 (cm)
157	BJHEIG4	Num	8		Body Height 4 (cm)
158	BJWEIG1	Num	8		Body Weight 1 (kg)
159	BJWEIG2	Num	8		Body Weight 2 (kg)
160	BJWEIG3	Num	8		Body Weight 3 (kg)
161	BJWEIG4	Num	8		Body Weight 4 (kg)
162	BJWAIST1	Num	8		Natural Waist 1 (cm)
163	BJWAIST2	Num	8		Natural Waist 2 (cm)
164	BJWAIST3	Num	8		Natural Waist 3 (cm)
165	BJWAIST4	Num	8		Natural Waist 4 (cm)
166	BJWAIST5	Num	8		Iliac Waist 1 (cm)
167	BJWAIST6	Num	8		Iliac Waist 2 (cm)
168	BJWAIST7	Num	8		Iliac Waist 3 (cm)
169	BJWAIST8	Num	8		Iliac Waist 4 (cm)
170	X_ID_REL	Char	2		X_ID_REL id relative (patient 9-10)

**Data Set Name: e1g\_srbk.sas7bdat**

<b>Num</b>	<b>Variable</b>	<b>Type</b>	<b>Len</b>	<b>Format</b>	<b>Label</b>
1	EXTIDPAT	Char	10		External Patient ID (masked family id)
2	X_BARCOD	Char	8		Accession # Barcode
3	CURRELIG	Num	5	ELIG7N12.	CURRELIG current eligibility family
4	CURRTRIO	Num	5	TRIO5N12.	CURRTRIO current trio family
5	T_FAMID2	Char	8		T_FAMID2 masked external family id
6	SITEJORG	Char	1		SITEJORG Joslin or GW or qc (j, g, q)
7	T_N_KID	Num	5		T_N_KID # proband/sib records/family
8	X_FORM	Char	6		X_FORM GoKinD form
9	BKLIP1	Num	8	N1Y2F.	lipid lowering medication (n/y)
10	BKACE1	Num	8	N1Y2F.	ACE inhibitors (n/y)
11	BKANTH1	Num	8	N1Y2F.	AHTN - Antihypertensives regularly (n/y)
12	X_ID_REL	Char	2		X_ID_REL id relative (patient 9-10)

**Data Set Name: e1g\_srbl.sas7bdat**

Num	Variable	Type	Len	Format	Label
1	EXTIDPAT	Char	10		External Patient ID (masked family id
2	X_BARCOD	Char	8		Accession # Barcode
3	CURRELIG	Num	5	ELIG7N12.	CURRELIG current eligibility family
4	CURRTRIO	Num	5	TRIO5N12.	CURRTRIO current trio family
5	T_FAMID2	Char	8		T_FAMID2 masked external family id
6	SITEJORG	Char	1		SITEJORG Joslin or GW or qc (j, g, q)
7	T_N_KID	Num	5		T_N_KID # proband/sib records/family
8	X_FORM	Char	6		X_FORM GoKinD form
9	BLACR2A	Num	8	N1Y2F.	Timed Urine <30ug/min <40mg/24hr past yr
10	BLACR2B	Num	8	N1Y2F.	Overnight collection < 30 ug/min past yr
11	BLACR2C	Num	8	N1Y2F.	Tot urinary protein < 230mg/24hr past yr
12	BLACR2D	Num	8	N1Y2F.	Dipstick (Albustix or Multistix) negativ
13	X_ID_REL	Char	2		X_ID_REL id relative (patient 9-10)

**Data Set Name: e1g\_srbo.sas7bdat**

Num	Variable	Type	Len	Format	Label
1	EXTIDPAT	Char	10		External Patient ID (masked family id
2	X_BARCOD	Char	8		Accession # Barcode
3	CURRELIG	Num	5	ELIG7N12.	CURRELIG current eligibility family
4	CURRTRIO	Num	5	TRIO5N12.	CURRTRIO current trio family
5	T_FAMID2	Char	8		T_FAMID2 masked external family id
6	SITEJORG	Char	1		SITEJORG Joslin or GW or qc (j, g, q)
7	T_N_KID	Num	5		T_N_KID # proband/sib records/family
8	X_FORM	Char	6		X_FORM GoKinD form
9	BOSEX	Char	1		Sex
10	BORACE	Num	8		Predominant Race/Ethnicity (Check one)
11	BOTWIN	Num	8		Is proband/relative a twin (n/y)
12	BOTWIN1	Num	8	N1Y2F.	Is the twin identical (n/y)
13	BOTWIN2	Num	8		Relative Code of the Twin
14	BOORAL1	Num	8	N1Y2F.	Ever Taken Oral Drugs for Diabetes (n/y)
15	BOORAL2	Num	8	N1Y2F.	Currently Taking Oral Drugs for Diabetes
16	BOINSUL1	Num	8	N1Y2F.	Taking Insulin (n/y)
17	BOINSUL2	Num	8		Insulin Regimen
18	BOINSUL3	Char	25		Specify, Other Insulin Regimen
19	BOINSUL5	Num	8		Current Total Daily Dose Insulin Units
20	BOINSUL6	Num	8	N1Y2F.	Currently taking oral drugs+insulin (n/y)
21	BOHOSP1	Num	8		DKA # hospitalizations in past year
22	BOHOSP2	Num	8		Hypoglycemia # hospitalizations past yr
23	BOHYPGL1	Num	8		Hypoglyc. lost consc w/o seizure past yr
24	BOHYPGL2	Num	8		Hypoclyc. lost consc. w/ seizure past yr
25	BOGLUCCH	Num	8		Avg # Times Daily Monitor Blood Glucose
26	BOINSADJ	Num	8	N1Y2F.	Adjust Insulin Dose Based on Monitoring
27	BOEYE1	Num	8		Any diabetes related eye problems (n/y/u)
28	BOEYE2	Char	25		Specify, eye problems diabetes-related
29	BOEYE4	Num	8		Focal Laser Treatment (n/y/u)
30	BOEYE5	Num	8		Pan-retinal Laser Treatment (n/y/u)
31	BOEYE6	Num	8		Impairment of vision (n/y/u)
32	BOEYE7	Num	8		Cataracts (n/y/u)
33	BOEYE8	Num	8		Detached retina (n/y/u)
34	BOKIDN1	Num	8		Diabetic kidney problems (n/y/u)
35	BOKIDN2	Num	8		Protein or albumin in the urine
36	BODIAL	Num	8		Ever Had Kidney Dialysis (n/y/u)



Num	Variable	Type	Len	Format	Label
37	BODIAL1	Num	8		1st kidney dialysis (n/y/u)
38	BODIAL3	Num	8		2nd Kidney dialysis (n/y/u)
39	BODIAL5	Num	8		3rd kidney dialysis (n/y/u)
40	BOTRANS	Num	8		Ever Had Kidney Transplant (n/y/u)
41	BOTRANS3	Num	8		2nd Kidney Transplant (n/y/u)
42	BOTRANS5	Num	8		3rd kidney transplant (n/y/u)
43	BOPANCR	Num	8		Pancreas Transplant (n/y/u)
44	BOPANCR1	Num	8		1st pancreas transplant (n/y/u)
45	BOHEART1	Num	8		Any problem heart, blood vessels (n/y/u)
46	BOHEART3	Num	8		Heart pain, angina hospitalization (n/y/
47	BOHEART4	Num	8		Heart attack or MI hospitalization (n/y/
48	BOHEART6	Num	8		Coronary bypass or angioplasty (n/y/u)
49	BOSTROK1	Num	8		Stroke / TIA hospitalization (n/y/u)
50	BOHPRT1	Num	8		High blood pressure hospitalization (n/y
51	BOHPRT2	Num	8		Drug treatment high blood pressure (n/y/
52	BOHPRT3	Num	8		currently receiving high BP drug tx (n/y
53	BONEURP1	Num	8		Neuropathy due to diabetes (n/y/u)
54	BONEURP2	Num	8		Tingling in arms or legs (n/y/u)
55	BONEURP3	Num	8		Unable to feel feet when walking (n/y/u)
56	BOPVC1	Num	8		Any trouble w/circulation in legs (n/y/u)
57	BOPVC2	Num	8		Foot ulcers (n/y/u)
58	BOPVC3	Num	8		Gangrene (n/y/u)
59	BOPVC4	Num	8		Non-Traumatic Amputation (n/y/u)
60	BOAD_AD	Num	8		Addisons disease (n/y/u)
61	BOAD_UC	Num	8		Ulcerative colitis (n/y/u)
62	BOAD_CD	Num	8		Crohns disease (n/y/u)
63	BOAD_SLE	Num	8		Systemic lupus erythematosus (n/y/u)
64	BOAD_RA	Num	8		Rheumatoid arthritis (n/y/u)
65	BOAD_JRA	Num	8		Juvenile rheumatoid arthritis (n/y/u)
66	BOAD_MS	Num	8		Multiple sclerosis (n/y/u)
67	BOAD_CS	Num	8		Celiac sprue (n/y/u)
68	BOAD_GD	Num	8		Graves disease (Hyperthyroid) (n/y/u)
69	BOAD_HD	Num	8		Hashimotos disease (Hypothyroid) (n/y/u)
70	BOAD_PA	Num	8		Pernicious anemia (n/y/u)
71	BOAD_V	Num	8		Vitiligo (depigmentation) (n/y/u)
72	BOAD_A	Num	8		Alopecia (baldness) (n/y/u)
73	BOAD_OTH	Num	8		Auto-immune Disease Other (n/y/u)
74	BOTRAN1	Num	8	N1Y2F.	Transportation problems to clinic (n/y)
75	X_ID_REL	Char	2		X_ID_REL id relative (patient 9-10)

**Data Set Name: e1j\_core.sas7bdat**

Num	Variable	Type	Len	Format	Label
1	EXTIDPAT	Char	10		External Patient ID (masked family id)
2	X_BARCOD	Char	8		Accession # Barcode
3	CURRELIG	Num	5	ELIG7N12.	CURRELIG current eligibility family
4	CURRTRIO	Num	5	TRIO5N12.	CURRTRIO current trio family
5	T_FAMID2	Char	8		T_FAMID2 masked external family id
6	SITEJORG	Char	1		SITEJORG Joslin or GW or qc (j, g, q)
7	T_N_KID	Num	5		T_N_KID # proband/sib records/family
8	X_ID_REL	Char	2		X_ID_REL id relative (patient 9-10)
9	PROBAND	Num	8	YESNO.	Proband or Sib
10	X_RASSPR	Num	8	YESNO.	RASS Proband
11	SEX	Num	8	SEXN.	Sex
12	AGE	Num	8	8.	Age at entry (yrs)
13	RACE	Num	8	RACEN.	Predominant Race/Ethnicity
14	ELIGTRIO	Char	8		Eligibility / Trio Status
15	RENALST	Num	8	RENALSTF.	Renal Function Status
16	ESRD	Num	8	YESNOUN.	End-Stage Renal Disease
17	PANCR	Num	8	YESNOUN.	Pancreas Transplant
18	ACR1	Num	8	8.1	ACR/AER 1st Urine Sample
19	ACR2	Num	8	8.1	ACR/AER 2nd Urine Sample
20	ACR3	Num	8	8.1	ACR/AER 3rd Urine Sample
21	ABCREATN	Num	8	YESNOUN.	Abnormal Creatinine
22	CREATN	Num	8	8.1	Serum Creatinine (mg/dL)
23	CYSTATIN	Num	8	8.2	Serum Cystatin (mg/L)
24	CHOLSTR	Num	8	8.	Serum Lipid Cholesterol (mg/dL)
25	HDL	Num	8	8.	Serum Lipid HDL (mg/dL)
26	HBA1C	Num	8	8.1	Blood HbA1c (%)
27	GFR1	Num	8	8.3	GFR1 (MDRD)
28	GFR2	Num	8	8.3	GFR2 (Cockcroft-Gault) (ml/min)
29	GFR3	Num	8	8.3	GFR3 (1/Serum Creatinine )
30	BMI	Num	8	8.1	Body Mass Index (kg/m2)
31	WAIST	Num	8	8.1	Natural Waist Circumference (cm)
32	CURRSMK	Num	8	YESNOUN.	Current Smoker
33	EVERSMK	Num	8	YESNOUN.	Ever Smoked
34	DIABETES	Num	8	YESNOUN.	Diabetes or not
35	T1T2DIA	Num	8	T1T2DIA.	Type 1 or Type 2 Diabetes
36	INSULIN	Num	8	YESNOUN.	Taking Insulin or Not

Num	Variable	Type	Len	Format	Label
37	INSREGMN	Num	8	INSREGMN.	Insulin Regimen
38	INDOSG	Num	8	8.1	Insulin Dosage per kg Body Weight
39	DIABDUR	Num	8	8.	Duration of Diabetes (yrs)
40	ACE	Num	8	YESNOUN.	Taking ACE Inhibitors
41	ANTH	Num	8	YESNOUN.	Taking Anti-Hypertensive Drugs
42	LIP	Num	8	YESNOUN.	Taking Lipid Lowering Medication
43	SYSBP	Num	8	8.1	Systolic BP (mm Hg)
44	DIABP	Num	8	8.1	Diastolic BP (mm Hg)
45	HYPERTEN	Num	8	YESNOUN.	Hypertension
46	CARDIOV	Num	8	YESNOUN.	Cardiovascular Complication
47	PERIPHV	Num	8	YESNOUN.	Peripheral Vascular Complication
48	GANGREN	Num	8	YESNOUN.	Gangrene
49	AMPUTATN	Num	8	YESNOUN.	Non-Traumatic Amputation
50	NEURP	Num	8	YESNOUN.	Neuropathy Due to Diabetes
51	FLASER	Num	8	YESNOUN.	Focal Laser Treatment
52	PLASER	Num	8	YESNOUN.	Pan-retinal Laser Treatment
53	AUTOIMMU	Num	8	AUTOIMMU.	Auto-immune Disease
54	TIMEEVNT	Num	8	8.	Time Dx T1D to Kidney Complications (yr)

**Data Set Name: e1j\_srce.sas7bdat**

Num	Variable	Type	Len	Format	Informat	Label
1	EXTIDPAT	Char	10			External Patient ID (masked family id)
2	X_BARCOD	Char	8			Accession # Barcode
3	CURRELIG	Num	5	ELIG7N12.		CURRELIG current eligibility family
4	CURRTRIO	Num	5	TRIO5N12.		CURRTRIO current trio family
5	T_FAMID2	Char	8			T_FAMID2 masked external family id
6	SITEJORG	Char	1			SITEJORG Joslin or GW or qc (j, g, q)
7	T_N_KID	Num	5			T_N_KID # proband/sib records/family
8	SEX	Num	8			Sex
9	DIAB	Char	3	\$3.	\$3.	Diabetic?
10	PANTX	Char	3	\$3.	\$3.	Pancreas Transplant?
11	NONE	Char	3	\$3.	\$3.	Diabetes Not Treated?
12	DIET	Char	3	\$3.	\$3.	Diabetes Treatment by Diet?
13	ORAL	Char	3	\$3.	\$3.	Diabetes Treatment with Oral agents?
14	INSLN	Char	3	\$3.	\$3.	Diabetes Treatment with Insulin?
15	REGIMEN	Char	8	\$8.	\$8.	Regimen of Diabetes Treatment
16	UNITS	Num	8	4.	4.	Insulin daily dosage
17	GLUCHOME	Char	3	\$3.	\$3.	Check glucose levels at home?
18	GLUCCHK	Char	2	\$2.	\$2.	How often do you check blood sugar?
19	ADJUST	Char	3	\$3.	\$3.	Do you adjust your insulin dose?
20	GLUCBEST	Num	8	6.	6.	At what blood sugar level do you feel th
21	GLUCFREQ	Char	4	\$4.	\$4.	How often are you in that range?
22	ACR_MR	Num	8	7.1		Albumin Creatinine Ratio from Medical Re
23	ACR_PROT	Num	8	2.	2.	Flag indicating no ACR, but positive dip
24	ACR_ESRD	Num	8	2.	2.	Flag indicating no ACR, but transplant o
25	ACR_NO_HIST	Num	8	2.	2.	Flag indicating no ACR, USCR1 sent to Mi
26	HYPRT	Char	3	\$3.	\$3.	Hypertension?
27	HEART	Char	3	\$3.	\$3.	Heart Attack?
28	HRTHOSP	Char	3	\$3.	\$3.	Hospitalized for heart attack?
29	BYPASS	Char	3	\$3.	\$3.	Bypass surgery?
30	ANGIO	Char	3	\$3.	\$3.	Angioplasty?
31	STROKE	Char	3	\$3.	\$3.	Stroke or TIA?
32	RETINO	Char	3	\$3.	\$3.	Retinopathy?
33	NPRET	Char	3	\$3.	\$3.	Non Proliferative Retinopathy?
34	PRORET	Char	3	\$3.	\$3.	Proliferative Retinopathy?
35	LASER	Char	3	\$3.	\$3.	Laser Treatment?
36	OTRET	Char	3	\$3.	\$3.	Other Retinopathy

Num	Variable	Type	Len	Format	Informat	Label
37	LASER_SPEC	Char	13	\$13.	\$13.	Specify type of laser treatment (retinop
38	OTRETSPEC	Char	50	\$50.	\$50.	Specify other retinopathy diagnosis
39	RENAL	Char	3	\$3.	\$3.	Kidney Disease?
40	DIAL	Char	3			Dialysis?
41	TRANS	Char	3			Kidney Transplant?
42	SPK	Char	3	\$3.	\$3.	Simultaneous Pancreas/Kidney Transplant
43	KIDOTH	Char	3	\$3.	\$3.	Other Kidney Disease (not related to dia
44	KIDOTHSPEC	Char	50	\$50.	\$50.	Specify other kidney disease?
45	PVD	Char	3	\$3.	\$3.	Peripheral Vascular Disease?
46	CLAUD	Char	3	\$3.	\$3.	Claudication?
47	AMPUT	Char	3	\$3.	\$3.	Non-traumatic Amputation
48	FTULCER	Char	3	\$3.	\$3.	Foot Ulcer?
49	GANG	Char	3	\$3.	\$3.	Gangrene?
50	TINGLE	Char	3	\$3.	\$3.	Experience Tingling?
51	NUMB	Char	3	\$3.	\$3.	Experience Numbness?
52	NEURO	Char	3	\$3.	\$3.	Neuropathy?
53	AD_AD	Char	3	\$3.	\$3.	Auto Immune - Addisons Disease
54	AD_UC	Char	3	\$3.	\$3.	Auto Immune - Ulcerative Colitis
55	AD_CD	Char	3	\$3.	\$3.	Auto Immune - Crohns Disease
56	AD_SLE	Char	3	\$3.	\$3.	Auto Immune - Systemic Lupus Erythematos
57	AD_RA	Char	3	\$3.	\$3.	Auto Immune - Rheumatoid Arthritis
58	AD_JRA	Char	3	\$3.	\$3.	Auto Immune - Juvenile Rheumatoid Arthri
59	AD_MS	Char	3	\$3.	\$3.	Auto Immune - Multiple Sclerosis
60	AD_CS	Char	3	\$3.	\$3.	Auto Immune - Celiac Sprue
61	AD_GD	Char	3	\$3.	\$3.	Auto Immune - Graves Disease (Hyperthyro
62	AD_HD	Char	3	\$3.	\$3.	Auto Immune - Hashimotos Disease (Hypoth
63	AD_PA	Char	3	\$3.	\$3.	Auto Immune - Pernicious Anemia
64	AD_V	Char	3	\$3.	\$3.	Auto Immune - Vitiligo
65	AD_A	Char	3	\$3.	\$3.	Auto Immune - Alopecia
66	AD_OT	Char	3	\$3.	\$3.	Auto Immune - Other
67	OTHERDIS	Char	3	\$3.	\$3.	Other Diseases?
68	FDIAB	Char	3	\$3.	\$3.	Father Diabetic?
69	FDIABAGE	Num	8	4.	4.	Fathers age at diagnosis of diabetes
70	FHBLD	Char	3	\$3.	\$3.	Father High BP?
71	FLIV	Char	3	\$3.	\$3.	Father Living?
72	MDIAB	Char	3	\$3.	\$3.	Mothers Diabetic?
73	MDIABAGE	Num	8	4.	4.	Mothers age at diagnosis of diabetes
74	MHBLD	Char	3	\$3.	\$3.	Mother High BP?
75	MLIV	Char	3	\$3.	\$3.	Mother Living?

Num	Variable	Type	Len	Format	Informat	Label
76	RACE	Num	8			race
77	ACE_M	Char	50	\$50.	\$50.	MED - ACE Inhibitor
78	ACE_M2	Char	50	\$50.	\$50.	MED - ACE Inhibitor
79	ACE_M3	Char	50	\$50.	\$50.	MED - ACE Inhibitor
80	ACE_M4	Char	50			MED - ACE Inhibitor
81	AHTN_M	Char	50	\$50.	\$50.	MED - Antihypertensive
82	AHTN_M2	Char	50	\$50.	\$50.	MED - Antihypertensive
83	AHTN_M3	Char	50	\$50.	\$50.	MED - Antihypertensive
84	DIUR_M	Char	50	\$50.	\$50.	MED - Diuretic
85	DIUR_M2	Char	50	\$50.	\$50.	MED - Diuretic
86	HART_M	Char	50	\$50.	\$50.	MED - Heart
87	HART_M2	Char	50	\$50.	\$50.	MED - Heart
88	LIP_M	Char	50	\$50.	\$50.	MED - Lipid Lowering
89	GAST_M	Char	50	\$50.	\$50.	MED - Gastric
90	PSYC_M	Char	50	\$50.	\$50.	MED - Psych
91	THYR_M	Char	50	\$50.	\$50.	MED - Thyroid
92	HORM_M	Char	50	\$50.	\$50.	MED - Hormone
93	OTHER_M1	Char	50	\$50.	\$50.	MED - Other
94	OTHER_M2	Char	50	\$50.	\$50.	MED - Other
95	OTHER_M3	Char	50	\$50.	\$50.	MED - Other
96	OTHER_M4	Char	50	\$50.	\$50.	MED - Other
97	OTHER_M5	Char	50	\$50.	\$50.	MED - Other
98	ASPR	Char	3	\$3.	\$3.	Regularly take aspirin?
99	NSAID	Char	3	\$3.	\$3.	Regularly take NSAID?
100	VITE	Char	3	\$3.	\$3.	Regularly take vitamin E?
101	SMOKE	Char	3	\$3.	\$3.	Ever smoked?
102	SMOKEAGE	Num	8	4.	4.	Age started smoking
103	CURSMOKE	Char	3	\$3.	\$3.	Current smoker?
104	LSTSMOKE	Num	8	4.	4.	Age last smoked
105	PASTPPD	Char	24	\$24.	\$24.	Packs Per Day for past smoker
106	CURPPD	Char	24	\$24.	\$24.	Packs Per Day for current smoker
107	SYS1	Num	8			1st systolic blood pressure
108	DIA1	Num	8			1st diastolic blood pressure
109	SYS2	Num	8			2nd systolic blood pressure
110	DIA2	Num	8			2nd diastolic blood pressure
111	HEIGHT	Num	8			Height (inches)
112	WGHT	Num	8	7.1		Weight (pounds)
113	X_ID_REL	Char	2			Relative Code

*Data Set Name: gokind\_retxpt\_20080801.sas7bdat*

Num	Variable	Type	Len	Label
1	X_BARCOD	Char	8	Accession # Barcode
2	EXTIDPAT	Char	10	External Patient ID (masked family id)
3	YRTORENO	Num	8	Diabetes Duration at Retinopathy