

T1DGC Data Dictionary: T1DGC.2011.03_Phenotypic_Existing

FORM/SOURCE	SUBJECT	Q #	VARIABLE	ALIAS	TYPE	RANGE
Key Identifiers	Participant	Created	cohort	cohort	character categorical	AUS=Australia BDA=BDA/Warren I DAN=Danish DAN-SDC=Danish Case/Controls GRID=UK GRID HBDI=HBDI JOS=Joslin Diabetes Center SAR=Sardinian
Key Identifiers	Participant	Created	collection	T1DGC Collection: Existing or Current	numeric categorical	1=existing 2=current
Key Identifiers	Participant	Created	region	regional network	numeric categorical	1=Asia-Pacific 2=European 4=North American 5=United Kingdom
Key Identifiers	Participant	Created	subregion	subdivisions of network where applicable	numeric categorical	5.01=Northern 5.02=East & West Ridings 5.03=North Midland 5.04=Eastern 5.05=Southeastern 5.06=Southern 5.07=Southwestern 5.08=Wales 5.09=Midlands 5.10=Scotland 5.11=London 5.20=Northwestern 5.99=Unknown
Key Identifiers	Participant	Created	recruit_type	recruitment type:ASP, Trio, Case, Control	numeric categorical	1=ASP 2=Minority Trio 3=Case 4=Control
Key Identifiers	Participant	IDS	famid	pedigree: analytic family ID	numeric continuous	100000-199999 200000-299999 400000-499999 500000-599999
Key Identifiers	Participant	IDS	analytic_id	analytic id (famid + 2-digit participant identifier)	numeric continuous	famid+01-15(+) (90+ = added member)
Exam Forms	Participant	Created	dadid	analytic family code: father (famid + 2-digit participant identifier)	numeric categorical	0=founder or famid-01-15(+) (90+ = added member)
Exam Forms	Participant	Created	momid	analytic family code: mother (famid + 2-digit participant identifier)	numeric categorical	0=founder or famid-01-15(+) (90+ = added member)
Exam Forms	Participant	Created	sex	analytic family code: sex	numeric categorical	1=male 2=female
Eligibility/Exam Forms	Participant	Created	type1	type1 diabetes disease affection status	numeric categorical	0=unknown 1=no 2=yes
Genotyping	Participant	Created	duplicate	duplicate: suspected duplicate, individual or family, within or across cohorts	categorical	1=participant known to be represented in another pedigree 9=two or more participants represented in another pedigree, suspected from genotype similarity
Genotyping	Participant	Created	duplicate_cohort	cohort of suspected duplicate, individual or family, within or across cohorts	character categorical	AP=Asia-Pacific (current) AUS=Australia (existing) BDA=BDA/Warren I (UK existing) DAN=Danish (existing) EUR=European (current) HBDI=HBDI (existing) JOS=Joslin (existing) NA=North American (current) UK=United Kingdom (current)
Genotyping	Family	Created	duplicate_famid	corresponding duplicate family ID	numeric continuous	100000-199999 200000-299999 400000-499999 500000-599999
Genotyping	Participant	Created	duplicate_indid	corresponding duplicate individual ID	categorical	duplicate_famid+01-15(+) (90+ = added member)
Exam or Reported Data	Participant		age	age at recruitment	numeric continuous	1-80(+)
Reported Data	Participant		mon_diagnosis	month of T1D diagnosis	numeric continuous	1-12
Reported Data	Participant		onset	type1 onset age	numeric continuous	0-50(+)
Reported Data	Participant		duration	duration of disease (years)	numeric continuous	0-50(+)
Reported Data	Participant		mon_sample	month of sample collection	numeric continuous	1-12
Reported Data	Participant		year_sample	year of sample collection	numeric categorical	1996-2007
Reported Data	Participant		t1d_father	t1d affection status father: cases	numeric categorical	0=Unknown 1=No 2=Yes
Reported Data	Participant		t1d_mother	t1d affection status mother: cases	numeric categorical	0=Unknown 1=No 2=Yes
Reported Data	Participant		race1	primary race	numeric categorical	200-313, 999 (see: T1DGC.2011.03_Phenotypic_Ethnicity_and_Tribal_Codes)
Reported Data	Participant		nihrace	race categories (NIH guidelines) based on primary race	numeric categorical	1=American Indian/ Alaskan Native 2=Asian 3=Native Hawaiian or Other Pacific Islander 4=Black or African American 5=White or Caucasian 6=Unknown
38_T1DGC_HLA_Lab_Upload_XML	Participant	date_created	d_batch	HLA plate creation date (T1DGC protocol)	date	2005-2010

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38_T1DGC_HLA_Lab_Upload_XML	Participant	HLA-A name	hla_a_1	allele1 result for HLA assay	numeric categorical	HLA [IHWG designations] 1-33 (2-digit calls) 0101 - 6802 (4-digit calls)
38_T1DGC_HLA_Lab_Upload_XML	Participant	HLA-A name	hla_a_2	allele2 result for HLA assay	numeric categorical	HLA [IHWG designations] 1-68 (2-digit calls) 0101 - 7401 (4-digit calls)
38_T1DGC_HLA_Lab_Upload_XML	Participant	HLA-B name	hla_b_1	allele1 result for HLA assay	numeric categorical	HLA [IHWG designations] 1-78 (2-digit calls) 0101 - 5801 (4-digit calls)
38_T1DGC_HLA_Lab_Upload_XML	Participant	HLA-B name	hla_b_2	allele2 result for HLA assay	numeric categorical	HLA [IHWG designations] 7-70 (2-digit calls) 0702 - 7301 (4-digit calls)
38_T1DGC_HLA_Lab_Upload_XML	Participant	HLA-C name	hla_c_1	allele1 result for HLA assay	numeric categorical	HLA [IHWG designations] 1-12 (2-digit calls) 0102 - 1701 (4-digit calls)
38_T1DGC_HLA_Lab_Upload_XML	Participant	HLA-C name	hla_c_2	allele2 result for HLA assay	numeric categorical	HLA [IHWG designations] 1-10 (2-digit calls) 0102 - 1801 (4-digit calls)
38_T1DGC_HLA_Lab_Upload_XML	Participant	HLA-DRB1 name	hla_drb1_1	allele1 result for HLA assay	numeric categorical	HLA [IHWG designations] 1-16 (2-digit calls) 0101 - 1601 (4-digit calls)
38_T1DGC_HLA_Lab_Upload_XML	Participant	HLA-DRB1 name	hla_drb1_2	allele2 result for HLA assay	numeric categorical	HLA [IHWG designations] 1-16 (2-digit calls) 0101 - 1602 (4-digit calls)
38_T1DGC_HLA_Lab_Upload_XML	Participant	HLA-DQA1 name	hla_dqa1_1	allele1 result for HLA assay	numeric categorical	HLA [IHWG designations] 3 (2-digit calls) 0101 - 0501 (4-digit calls)
38_T1DGC_HLA_Lab_Upload_XML	Participant	HLA-DQA1 name	hla_dqa1_2	allele2 result for HLA assay	numeric categorical	HLA [IHWG designations] 3 (2-digit calls) 0101 - 0601 (4-digit calls)
38_T1DGC_HLA_Lab_Upload_XML	Participant	HLA-DQB1 name	hla_dqb1_1	allele1 result for HLA assay	numeric categorical	HLA [IHWG designations] 2-6 (2-digit calls) 0201 - 0604 (4-digit calls)
38_T1DGC_HLA_Lab_Upload_XML	Participant	HLA-DQB1 name	hla_dqb1_2	allele2 result for HLA assay	numeric categorical	HLA [IHWG designations] 2-6 (2-digit calls) 0201 - 0609 (4-digit calls)
38_T1DGC_HLA_Lab_Upload_XML	Participant	HLA-DPA1 name	hla_dpa1_1	allele1 result for HLA assay	numeric categorical	HLA [IHWG designations] 0103-0202
38_T1DGC_HLA_Lab_Upload_XML	Participant	HLA-DPA1 name	hla_dpa1_2	allele2 result for HLA assay	numeric categorical	HLA [IHWG designations] 0103-0301
38_T1DGC_HLA_Lab_Upload_XML	Participant	HLA-DPB1 name	hla_dpb1_1	allele1 result for HLA assay	numeric categorical	HLA [IHWG designations] 0101-1701
38_T1DGC_HLA_Lab_Upload_XML	Participant	HLA-DPB1 name	hla_dpb1_2	allele2 result for HLA assay	numeric categorical	HLA [IHWG designations] 0101-1701
Reported Data	Participant	CT60	ct60_1	allele1 result for SNP assay	numeric categorical	A T
Reported Data	Participant	CT60	ct60_2	allele2 result for SNP assay	numeric categorical	A T
38_T1DGC_HLA_Lab_Upload_XML	Participant	CTLA4-T17A name	ctla4_1	allele1 result for SNP assay	numeric categorical	A G
38_T1DGC_HLA_Lab_Upload_XML	Participant	CTLA4-T17A name	ctla4_2	allele2 result for SNP assay	numeric categorical	A G
38_T1DGC_HLA_Lab_Upload_XML	Participant	INS-23 HphI name	ins_hph1_1	allele1 result for SNP assay	numeric categorical	A T
38_T1DGC_HLA_Lab_Upload_XML	Participant	INS-23 HphI name	ins_hph1_2	allele2 result for SNP assay	numeric categorical	A T
38_T1DGC_HLA_Lab_Upload_XML	Participant	Created	hla_a_t1dgc	T1DGC Protocol followed for HLA assay	numeric categorical	0=no 1=yes
38_T1DGC_HLA_Lab_Upload_XML	Participant	Created	hla_b_t1dgc	T1DGC Protocol followed for HLA assay	numeric categorical	0=no 1=yes
38_T1DGC_HLA_Lab_Upload_XML	Participant	Created	hla_c_t1dgc	T1DGC Protocol followed for HLA assay	numeric categorical	0=no 1=yes
38_T1DGC_HLA_Lab_Upload_XML	Participant	Created	hla_drb1_t1dgc	T1DGC Protocol followed for HLA assay	numeric categorical	0=no 1=yes
38_T1DGC_HLA_Lab_Upload_XML	Participant	Created	hla_dqa1_t1dgc	T1DGC Protocol followed for HLA assay	numeric categorical	0=no 1=yes
38_T1DGC_HLA_Lab_Upload_XML	Participant	Created	hla_dqb1_t1dgc	T1DGC Protocol followed for HLA assay	numeric categorical	0=no 1=yes
38_T1DGC_HLA_Lab_Upload_XML	Participant	Created	hla_dpa1_t1dgc	T1DGC Protocol followed for HLA assay	numeric categorical	0=no 1=yes
38_T1DGC_HLA_Lab_Upload_XML	Participant	Created	hla_dpb1_t1dgc	T1DGC Protocol followed for HLA assay	numeric categorical	0=no 1=yes
38_T1DGC_HLA_Lab_Upload_XML	Participant	Created	ctla4_t1dgc	T1DGC Protocol followed for SNP assay	numeric categorical	0=no 1=yes
38_T1DGC_HLA_Lab_Upload_XML	Participant	Created	ins_t1dgc	T1DGC Protocol followed for SNP assay	numeric categorical	0=no 1=yes
---	Participant	Created	ambigddb_crx	HLA-DQB1 correction: ambiguous allele	numeric categorical	1=allele 1 corrected from: 0201 to 0202 2=allele 2 corrected from: 0201 to 0202 12=both alleles corrected from: 0201 to 0202
39_T1DGC_Rutgers_Lab_Upload_Cell_Lines	Participant	Created	rep_cell_line	available sample NIDDK Repository Renewable: cell line	numeric categorical	0=failed 1=viable
40_T1DGC_Rutgers_Lab_Upload_DNA	Participant	Created	rep_dna_cl	available sample NIDDK Repository Renewable: DNA-cell line	numeric categorical	1=yes
41_T1DGC_Fisher_Lab_Upload	Participant	Created	rep_dna_wga	available sample NIDDK Repository NON-Renewable: DNA-whole genome amplified	numeric categorical	1=yes