

**Manuscript Data Dictionary for m\_002\_jkrischer\_niddk\_19jul2022**  
**Data Current as of July 19, 2022**

| <b>NAME</b>         | <b>LABEL</b>   |
|---------------------|--|
| mp002_maskid        | MP002 Masked Participant Identifier  |
| consent_stg1        | 1=Participant Consented to Stage 1   |
| radq1_notcomplete   | 1=Screening Incomplete   |
| radq1_complete      | 1=Participant Screening Complete   |
| screen_pass         | 1=Participant Passed Screen  |
| screen_fail         | 1=Participant Failed Screen  |
| portal_account      | 1=Participant Created Portal Account   |
| radq2_complete      | 1=Participant Completed Stage 1 Questionnaire (Sections 2-5)                                       |
| kit_requested       | 1=Stage 1 Specimen Collection Kit Requested  |
| kit_shipped         | 1=Stage 1 Specimen Collection Kit Shipped  |
| kit_ship_pend       | 1=Stage 1 Specimen Collection Kit Requested  |
| spec_received       | 1=Stage 1 Specimen Received at Central Lab   |
| spec_pending        | 1=Stage 1 Specimen Receipt Pending   |
| spec_drop           | Drop Out Type 1: 1=Stage 1 Specimen Receipt Pending More than 3 Months                             |
| result_reported     | 1=Stage 1 Autoantibody Test Result Reported  |
| baa_neg             | 1=Stage 1 Autoantibody Test Result is Negative   |
| baa_pos             | 1=Stage 1 Autoantibody Test Result is Negative   |
| preadjudication     | 1=Participant Reached Pre-Adjudication   |
| curstat_adj_drop    | Drop Out Type 2: 1=Participant Withdrawn or LTFU Prior to Adjudication                             |
| curstat_adj_pending | 1=Participant Awaiting Review  |
| curstat_adj_inelig  | 1=Participant Ineligible for Stage 2   |
| eligible_stg2       | 1=Participant Eligible for Stage 2   |
| curstat_keepingres  | 1=Participant Kept in Reserve  |
| curstat_nmi         | 1=More Information Needed to Determine Adjudication Outcome  |
| curstat_stg2_pend   | 1=Participant Stage 2 Consent Pending  |
| consent_stg2        | 1=Participant Consented to Stage 2   |
| curstat_stg2_drop   | Drop Out Type 3: 1=Stage 2 Consent Form Not Completed More than 3 Months after Becoming Eligible   |
| dna_awaited_cntrlab | 1=Stage 2 Specimen Pending Receipt at Central Lab  |
| dna_rec_at_cntrlab  | 1=Stage 2 Specimen Received at Central Lab   |
| dna_aliqu_cntrlab   | 1=Participant specimen has been subdivided for DNA/RNA extraction                                  |
| dna_ship2broad      | 1=Participant DNA specimen has been shipped to the sequencing center (Broad Institute/LMM) for WGS |
| rna_ship2baylor     | 1=Participant RNA specimen has been shipped to Baylor College for RNASeq                           |
| pending_gcr         | 1=WGS Report/Results Sent to DCC   |
| wgs_results_rptd    | 1=WGS Data (CRAM, VCF) Sent to DCC   |
| gcr_completed       | 1=Genetic Counselor Review Completed   |

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| gen_results_rtnd                 | 1=Genetic Results Returned to Participant  |
| mdg_pathogvar_yes                | 1=Pathogenic or Likely Pathogenic Variant in Known Monogenic Gene  |
| mdg_pathogvar_no                 | 1=No Pathogenic or Likely Pathogenic Variant in Known Monogenic Gene   |
| rnaseq_avail                     | 1=Pending RNAseq Analysis  |
| rna_results_rptd                 | 1=RNAseq Results Reported to DCC   |
| eligible_stg3                    | 1=Participant Ineligible for Stage 3   |
| scheduled_stg3                   | 1=Stage 3 Standard visit has been Scheduled  |
| consent_stg3                     | 1=Participant Consented to Stage 3   |
| dtr_stg3                         | 1=Participant is Ready for DTR (Stage 3 Deeper Phenotyping)  |
| wait_s3                          | 1=Case is Awaiting Discovery Team Initial Review   |
| yes_add_stg3                     | 1=Additional testing or family enrollment recommended  |
| no_add_stg3                      | 1=No additional testing or family enrollment recommended   |
| yes_test_stg3                    | 1=Additional testing recommended for proband   |
| yes_enroll_stg3                  | 1=Proband has at least one family member recommended for enrollent   |
| dtr_ot_ogtt                      | 1=Measurement of Insulin Specimens from OGTT Recommended   |
| dtr_ot_mito_seq                  | 1=Mitochondrial Sequencing Recommended   |
| yes_tier2                        | 1=Tier 2, 3 Testing Recommended  |
| yes_wgs                          | 1=WGS Trio of at least one family member recommended   |
| yes_full                         | 1=Full RADIANT Participation of at least one family member recommended   |
| yes_sanger                       | 1=Sanger Sequencing of at least one family member recommended  |
| ogtt_rec                         | 1=Insulin Samples Measurement Results Received   |
| seq_rec                          | 1=Mitochondrial Sequencing Results Received  |
| wgs_rec                          | 1=WGS Trio Sample Received for at least one Family Member  |
| enroll_full                      | 1=Participant has at least one family member enrolled for full participation                                   |
| sanger_rec                       | 1=Sanger Sequencing Sample Received by Central Lab   |
| rnametcmp                        | 1=RNA Sequencing and Metabolomics Completed  |
| rnacmp                           | 1=RNA Sequencing Completed   |
| metcmp                           | 1=Metabolomics Completed   |
| dtr_complete                     | 1=Discovery Team Review Complete   |
| dtr_clinical_cat__Other17        | Clinical category (select all that apply): - Other   |
| dtr_clinical_cat_AnegBnegketosis | Clinical category (select all that apply): A-B- ketosis prone diabetes   |
| dtr_clinical_cat_AnegBposketosis | Clinical category (select all that apply): A-B+ ketosis prone diabetes   |
| dtr_clinical_cat_Antibodynegativ | Clinical category (select all that apply): Antibody negative, insulin deficient diabetes                       |
| dtr_clinical_cat_Diabetesassocia | Clinical category (select all that apply): Diabetes associated with congenital or inherited pancreatic disease |
| dtr_clinical_cat_Fulminant       | Clinical category (select all that apply): Fulminant   |
| dtr_clinical_cat_LeanGDM         | Clinical category (select all that apply): Lean GDM  |

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| dtr_clinical_cat_LeanPCOS        | Clinical category (select all that apply): Lean PCOS                        |
| dtr_clinical_cat_LeanT2DM        | Clinical category (select all that apply): Lean T2DM                        |
| dtr_clinical_cat_Lipodystrophic  | Clinical category (select all that apply): Lipodystrophic                   |
| dtr_clinical_cat_Mitochondrial   | Clinical category (select all that apply): Mitochondrial                    |
| dtr_clinical_cat_Nonprogressive  | Clinical category (select all that apply): Non-progressive                  |
| dtr_clinical_cat_Possiblemonogen | Clinical category (select all that apply): Possible monogenic or oligogenic |
| dtr_clinical_cat_PrepubertalT2D  | Clinical category (select all that apply): Pre-pubertal T2D                 |
| dtr_clinical_cat_Severeinsulinre | Clinical category (select all that apply): Severe insulin resistance        |
| dtr_clinical_cat_Syndromic       | Clinical category (select all that apply): Syndromic                        |
| dtr_clinical_cat_Verylowinsulinr | Clinical category (select all that apply): Very low insulin requirements    |