Data Set Name: tn20_ab_rba_ecl_aff_subtyping.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Date_of_Draw Type Numeric Length 8 Format MMDDYY10. Label Date of Draw

Variable Number 3 Variable Event_Title Type Character Length 13 Format NONE Label Specimen Collection Form

Variable Number 4 Variable SampleMaskID Type Character Length 10 Format NONE Label Sample Mask ID#

Variable Number 5 Variable GAD65H Type Numeric Length 8 Format NONE Label Anti-GAD65 autoantibody by NIDDK Harmonized radiobinding assay; positive >20 DK units

Variable Number 6 Variable IA_2H Type Numeric Length 8 Format NONE Label Anti-IA-2 autoantibody by NIDDK Harmonized radiobinding assay; positive >5 DK units

Variable Number 7 Variable ZnT8 Type Numeric Length 8 Format NONE Label Zinc transporter autoantibody by radiobinding assay; positive >0.020 (index)

Variable Number 8 Variable mIAA Type Numeric Length 8 Format COMMA15.3 Label Micro Insulin autoantibody by radiobinding assay; positive >0.010 (index)

Variable Number 9 Variable ECL_IAA Type Numeric Length 8 Format COMMA15.3 Label Insulin autoantibody by electrochemiluminescence (ECL); positive >0.006 (index)

Variable Number 10 Variable ECL_GADA Type Numeric Length 8 Format COMMA15.3 Label Anti-GAD65 autoantibody by electrochemiluminescence (ECL); positive >0.023 (index)

Variable Number 11 Variable IgA_IAA Type Numeric Length 8 Format COMMA15.1 Label Insulin autoantibody IgA; positive >3.0 (SD score)

Variable Number 12 Variable IgM_IAA Type Numeric Length 8 Format COMMA15.1 Label Insulin autoantibody IgM; positive >3.0 (SD score)

Variable Number 13 Variable IAA_affinity Type Character Length 17 Format $17. Label Insulin autoantibody affinity (coefficient)

Variable Number 14 Variable IAA_capacity Type Character Length 21 Format $21. Label Insulin autoantibody capacity (U/L)

Variable Number 15 Variable G1 Type Numeric Length 8 Format NONE Label % IgG-IAA subclass 1 in total IgG-IAA

Variable Number 16 Variable G2 Type Numeric Length 8 Format NONE Label % IgG-IAA subclass 2 in total IgG-IAA

Variable Number 17 Variable G3 Type Numeric Length 8 Format NONE Label % IgG-IAA subclass 3 in total IgG-IAA

Variable Number 18 Variable G4 Type Numeric Length 8 Format NONE Label % IgG-IAA subclass 4 in total IgG-IAA

Variable Number 19 Variable IgGTotal Type Numeric Length 8 Format NONE Label Total IgG-IAA

Variable Number 20 Variable IgG1 Type Numeric Length 8 Format NONE Label % GADA-IgG subclass 1 in total IgG-GADA

Variable Number 21 Variable IgG2 Type Numeric Length 8 Format NONE Label % GADA-IgG subclass 2 in total IgG-GADA

Variable Number 22 Variable IgG3 Type Numeric Length 8 Format NONE Label % GADA-IgG subclass 3 in total IgG-GADA

Variable Number 23 Variable IgG4 Type Numeric Length 8 Format NONE Label % GADA-IgG subclass 4 in total IgG-GADA

Data Set Name: tn20_adverseevents.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Visit_Dt Type Numeric Length 8 Format MMDDYY10. Label Visit Date

Variable Number 3 Variable AEInitialAEID Type Numeric Length 8 Format NONE Label AE Initial AEID

Variable Number 4 Variable adverse_event_id Type Numeric Length 8 Format NONE Label ADVERSE_EVENT_ID

Variable Number 5 Variable aedate Type Numeric Length 8 Format MMDDYY10. Label Date of AE

Variable Number 6 Variable aereportdt Type Numeric Length 8 Format MMDDYY10. Label Date AE Reported

Variable Number 7 Variable AE_Submitted Type Numeric Length 8 Format MMDDYY10. Label Date AE Initially Submitted

Variable Number 8 Variable AEPrimarySecondary Type Character Length 100 Format NONE Label Primary or Secondary Event

Variable Number 9 Variable AECategory Type Character Length 100 Format $100. Label Category

Variable Number 10 Variable AETerm Type Character Length 100 Format NONE Label AE Term

Variable Number 11 Variable AETermOther Type Character Length 100 Format NONE Label AE Term Other

Variable Number 12 Variable severity Type Numeric Length 8 Format NONE Label Severity Index

Variable Number 13 Variable Description Type Character Length 32000 Format NONE Label Description

Variable Number 14 Variable AEexpected Type Character Length 100 Format NONE Label AE Expected?

Variable Number 15 Variable comments Type Character Length 3025 Format $3025. Label Additional Comments

Variable Number 16 Variable AETreatLocation Type Character Length 14 Format $14. Label Adverse Event Treatment Location

Variable Number 17 Variable AETreatLocationOther Type Character Length 108 Format $108. Label AE Treatment Location Other

Variable Number 18 Variable AECausalityByReporter Type Character Length 22 Format $22. Label Causality by reporter

Variable Number 19 Variable AECausalityByReviewer Type Character Length 22 Format $22. Label Causality by reviewer

Variable Number 20 Variable AEAssociations_Developmentofacon Type Numeric Length 8 Format NONE Label AEAssociations: Development of a congenital anomaly or birth defect

Variable Number 21 Variable AEAssociations_Developmentofaper Type Numeric Length 8 Format NONE Label AEAssociations: Development of a permanent/ serious/ disabling /incapacitating condition

Variable Number 22 Variable AEAssociations_Death Type Numeric Length 8 Format NONE Label AEAssociations: Death

Variable Number 23 Variable AEAssociations_Hospitalizationor Type Numeric Length 8 Format NONE Label AEAssociations: Hospitalization or prolonged hospitalization

Variable Number 24 Variable AEAssociations_Lifethreatening Type Numeric Length 8 Format NONE Label AEAssociations: Life threatening

Variable Number 25 Variable AEAssociations_Isanotherconditio Type Numeric Length 8 Format NONE Label AEAssociations: Is another condition which investigators judge to represent significant hazards

Variable Number 26 Variable AEAssociations_OtherSeriousImpor Type Numeric Length 8 Format NONE Label AEAssociations: Other Serious Association

Variable Number 27 Variable aeresolvedt Type Numeric Length 8 Format MMDDYY10. Label Resolved Date

Variable Number 28 Variable AEPatientOutcome Type Character Length 100 Format NONE Label AE Patient Outcome

Variable Number 29 Variable death_date Type Numeric Length 8 Format MMDDYY10. Label Date of Death

Variable Number 30 Variable Eventabateafterstoppingdrug Type Character Length 14 Format $14. Label Did the eventreaction abate after stopping drug

Variable Number 31 Variable Eventreappearafterreintroduct Type Character Length 100 Format NONE Label Did event/reaction reappear after reintroduction

Variable Number 32 Variable AEFollowUpDate Type Numeric Length 8 Format MMDDYY10. Label Date of Follow-up

Variable Number 33 Variable AEReasonForFollowup Type Character Length 55 Format $55. Label AE Reason for followup

Variable Number 34 Variable ReviewDate Type Numeric Length 8 Format MMDDYY10. Label Review Date

Variable Number 35 Variable ProtocolChanges Type Character Length 8 Format NONE Label Protocol Change recommended?

Variable Number 36 Variable ConsentFormChanges Type Character Length 8 Format NONE Label Consent change recommended?

Variable Number 37 Variable ReviewAddComments Type Character Length 4000 Format NONE Label Additional comments

Variable Number 38 Variable AddInfoRequested Type Character Length 8 Format NONE Label Additional information requested?

Variable Number 39 Variable AddInfoRequestDetails Type Character Length 2000 Format NONE Label Additional information request details

Variable Number 40 Variable DSMBReview Type Character Length 8 Format NONE Label Additional information requested?

Variable Number 41 Variable DSMBReviewRequestDetails Type Character Length 2000 Format NONE Label DSMB review request details

Data Set Name: tn20_cbcdifferential.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Visit_Dt Type Numeric Length 8 Format MMDDYY10. Label Visit Date

Variable Number 3 Variable Visit Type Character Length 48 Format NONE Label Visit

Variable Number 4 Variable DateOfBloodDrawDay Type Numeric Length 8 Format NONE Label Date of blood draw day

Variable Number 5 Variable DateOfBloodDrawMonth Type Character Length 3 Format $3. Label Date of blood draw month

Variable Number 6 Variable DateOfBloodDrawYear Type Numeric Length 8 Format NONE Label Date of blood draw year

Variable Number 7 Variable TimeOfCollectionHH Type Numeric Length 8 Format NONE Label Time of Collection hour

Variable Number 8 Variable TimeOfCollectionMM Type Numeric Length 8 Format NONE Label Time of Collection minute

Variable Number 9 Variable DateReportedDay Type Numeric Length 8 Format NONE Label Date results reported by lab day

Variable Number 10 Variable DateReportedMonth Type Character Length 3 Format NONE Label Date results reported by lab month

Variable Number 11 Variable DateReportedYear Type Numeric Length 8 Format NONE Label Date results reported by lab year

Variable Number 12 Variable DateResultsReportedByLabUnknow Type Numeric Length 8 Format NONE Label Date results reported by lab Unknown

Variable Number 13 Variable TimeResultsProcessedByLabHH Type Numeric Length 8 Format NONE Label Time Results Processed by Lab hour

Variable Number 14 Variable TimeResultsProcessedByLabMM Type Numeric Length 8 Format NONE Label Time Results Processed by Lab minute

Variable Number 15 Variable Rbcresults Type Numeric Length 8 Format NONE Label RBC results

Variable Number 16 Variable Rbcnotdone Type Numeric Length 8 Format NONE Label RBC Not Done

Variable Number 17 Variable RBCResultsNormal Type Character Length 3 Format $3. Label RBC results normal

Variable Number 18 Variable RBCResultAbormalClinicallySign Type Character Length 3 Format $3. Label RBC results abnormal clinically significant

Variable Number 19 Variable HemoglobinResults Type Numeric Length 8 Format NONE Label Hemoglobin Results

Variable Number 20 Variable HemoglobinNotDone Type Numeric Length 8 Format NONE Label Hemoglobin Not Done

Variable Number 21 Variable HemoglobinResultsNormal Type Character Length 3 Format $3. Label Hemoglobin Results Normal

Variable Number 22 Variable HemoglobinResultAbormalClinica Type Character Length 3 Format $3. Label Hemoglobin results abnormal clinically significant

Variable Number 23 Variable HematocritResults Type Numeric Length 8 Format NONE Label Hematocrit results

Variable Number 24 Variable HematocritNotDone Type Numeric Length 8 Format NONE Label Hematocrit Not Done

Variable Number 25 Variable HematocritResultsNormal Type Character Length 3 Format $3. Label Hematocrit results normal

Variable Number 26 Variable HematocritResultAbormalClinica Type Character Length 3 Format $3. Label Hematocrit results abnormal clinically significant

Variable Number 27 Variable MCVresults Type Numeric Length 8 Format NONE Label MCV results

Variable Number 28 Variable MCVNotDone Type Numeric Length 8 Format NONE Label MCV Not Done

Variable Number 29 Variable MCVresultsNormal Type Character Length 3 Format $3. Label MCV results normal

Variable Number 30 Variable MCVResultAbormalClinicallySign Type Character Length 3 Format $3. Label MCV results abnormal clinically significant

Variable Number 31 Variable PlateletCountResultsNormal Type Numeric Length 8 Format NONE Label Platelet count results

Variable Number 32 Variable PlateletCountNotDone Type Numeric Length 8 Format NONE Label Platelet count Not Done

Variable Number 33 Variable PlateletCountResultsNormal2 Type Character Length 3 Format $3. Label Platelet count results normal

Variable Number 34 Variable PlateletCountResultAbormalClin Type Character Length 3 Format $3. Label Platelet count results abnormal clinically significant

Variable Number 35 Variable MCHresults Type Numeric Length 8 Format NONE Label MCH results

Variable Number 36 Variable MCHNotDone Type Numeric Length 8 Format NONE Label MCH count Not Done

Variable Number 37 Variable MCHresultsNormal Type Character Length 3 Format $3. Label MCH results normal

Variable Number 38 Variable MCHResultAbormalClinicallySign Type Character Length 3 Format $3. Label MCH results abnormal clinically significant

Variable Number 39 Variable MCHCresults Type Numeric Length 8 Format NONE Label MCHC results

Variable Number 40 Variable MCHCNotDone Type Numeric Length 8 Format NONE Label MCHC count Not Done

Variable Number 41 Variable MCHCresultsNormal Type Character Length 3 Format $3. Label MCHC results normal

Variable Number 42 Variable MCHCResultAbormalClinicallySig Type Character Length 3 Format $3. Label MCHC results abnormal clinically significant

Variable Number 43 Variable WBCresults Type Numeric Length 8 Format NONE Label WBC results

Variable Number 44 Variable WBCNotDone Type Numeric Length 8 Format NONE Label WBC Not Done

Variable Number 45 Variable WBCresultsNormal Type Character Length 3 Format $3. Label WBC results normal

Variable Number 46 Variable WBCResultAbormalClinicallySign Type Character Length 3 Format $3. Label WBC results abnormal clinically significant

Variable Number 47 Variable NeutrophilsResults Type Numeric Length 8 Format NONE Label Neutrophils results

Variable Number 48 Variable NeutrophilsResultsOR Type Numeric Length 8 Format NONE Label Neutrophils results OR

Variable Number 49 Variable NeutrophilsNotDone Type Numeric Length 8 Format NONE Label Neutrophils Not Done

Variable Number 50 Variable NeutrophilsResultsNormal Type Character Length 3 Format $3. Label Neutrophils results normal

Variable Number 51 Variable NeutrophilsResultAbormalClinic Type Character Length 3 Format $3. Label Neutrophils results abnormal clinically significant

Variable Number 52 Variable LymphocytesResults Type Numeric Length 8 Format NONE Label Lymphocytes results

Variable Number 53 Variable LymphocytesResultsOR Type Numeric Length 8 Format NONE Label Lymphocytes results OR

Variable Number 54 Variable LymphocytesNotDone Type Numeric Length 8 Format NONE Label Lymphocytes Not Done

Variable Number 55 Variable LymphocytesResultsNormal Type Character Length 3 Format $3. Label Lymphocytes results normal

Variable Number 56 Variable LymphocytesResultAbormalClinic Type Character Length 3 Format $3. Label Lymphocytes results abnormal clinically significant

Variable Number 57 Variable MonocytesResults Type Numeric Length 8 Format NONE Label Monocytes results

Variable Number 58 Variable MonocytesResultsOR Type Numeric Length 8 Format NONE Label Monocytes results OR

Variable Number 59 Variable MonocytesNotDone Type Numeric Length 8 Format NONE Label Monocytes Not Done

Variable Number 60 Variable MonocytesResultsNormal Type Character Length 3 Format $3. Label Monocytes results normal

Variable Number 61 Variable MonocytesResultAbormalClinical Type Character Length 3 Format $3. Label Monocytes results abnormal clinically significant

Variable Number 62 Variable EosinophilsResults Type Numeric Length 8 Format NONE Label Eosinophils results

Variable Number 63 Variable EosinophilsResultsOR Type Numeric Length 8 Format NONE Label Eosinophils results OR

Variable Number 64 Variable EosinophilsNotDone Type Numeric Length 8 Format NONE Label Eosinophils Not Done

Variable Number 65 Variable EosinophilsResultsNormal Type Character Length 3 Format $3. Label Eosinophils results normal

Variable Number 66 Variable EosinophilsResultAbormalClinic Type Character Length 3 Format $3. Label Eosinophils results abnormal clinically significant

Variable Number 67 Variable BasophilsResults Type Numeric Length 8 Format NONE Label Basophils results

Variable Number 68 Variable BasophilsResultsOR Type Numeric Length 8 Format NONE Label Basophils results OR

Variable Number 69 Variable BasophilsNotDone Type Numeric Length 8 Format NONE Label Basophils Not Done

Variable Number 70 Variable BasophilsResultsNormal Type Character Length 3 Format $3. Label Basophils results normal

Variable Number 71 Variable BasophilsResultAbormalClinical Type Character Length 3 Format $3. Label Basophils results abnormal clinically significant

Variable Number 72 Variable DateTestsRunMonth Type Character Length 3 Format $3. Label Date tests run month

Variable Number 73 Variable DateTestsRunDay Type Numeric Length 8 Format NONE Label Date tests run day

Variable Number 74 Variable DateTestsRunYear Type Numeric Length 8 Format NONE Label Date tests run year

Data Set Name: tn20_changeinstatus.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Visit_Dt Type Numeric Length 8 Format MMDDYY10. Label Date of Visit

Variable Number 3 Variable Visit Type Character Length 48 Format NONE Label Visit

Variable Number 4 Variable DateStatusChangeDay Type Numeric Length 8 Format NONE Label Date change in status became effective Day

Variable Number 5 Variable DateStatusChangeYear Type Numeric Length 8 Format NONE Label Date change in status became effective Year

Variable Number 6 Variable DateStatusChangeMonth Type Character Length 3 Format $3. Label Date change in status became effective Month

Variable Number 7 Variable ChangeOfStatusOccuring Type Character Length 98 Format $98. Label Change in status that has occurred

Variable Number 8 Variable DoWDay Type Numeric Length 8 Format NONE Label Date of withdrawal Day

Variable Number 9 Variable DoWMonth Type Character Length 3 Format $3. Label Date of withdrawal Month

Variable Number 10 Variable DoWYear Type Numeric Length 8 Format NONE Label Date of withdrawal Year

Variable Number 11 Variable ReasonForWithdrawal Type Character Length 45 Format $45. Label Record the primary reason for withdrawal

Variable Number 12 Variable ReasonForWithdrawalOTHER Type Character Length 789 Format $789. Label If OTHER Specify

Variable Number 13 Variable ReasonWithdrewConsentSpecify Type Character Length 770 Format $770. Label Reason Withdrew Consent   specify

Variable Number 14 Variable ReasonAdverseEventSpecify Type Character Length 106 Format $106. Label Reason Adverse Event specify

Variable Number 15 Variable WillingToBeContacted Type Character Length 3 Format $3. Label Is the subject still willing to be contacted

Variable Number 16 Variable DoRDay Type Numeric Length 8 Format NONE Label Date of reactivation Day

Variable Number 17 Variable DoRMonth Type Character Length 3 Format $3. Label Date of reactivation Month

Variable Number 18 Variable DoRYear Type Numeric Length 8 Format NONE Label Date of reactivation Year

Variable Number 19 Variable PregnancyCompletionDay Type Numeric Length 8 Format NONE Label If YES what is the estimated date of completion of pregnancy Day

Variable Number 20 Variable PregnancyCompletionMonth Type Character Length 3 Format $3. Label If YES what is the estimated date of completion of pregnancy Month

Variable Number 21 Variable PregnancyCompletionYear Type Numeric Length 8 Format NONE Label If YES what is the estimated date of completion of pregnancy Year

Variable Number 22 Variable IsParticipantWillingBeContacte Type Character Length 7 Format $7. Label Is the participant still willing to be contacted

Variable Number 23 Variable ParticipantCompletedEntireStud Type Character Length 3 Format $3. Label Participant completed entire study

Variable Number 24 Variable WillingToContinueAfterPregnanc Type Character Length 3 Format $3. Label Is the participant willing to continue particpation as a Control after completion of pregnancy

Variable Number 25 Variable WithdrewConsentWhy Type Character Length 68 Format $68. Label If withdrew consent selected record the reason why

Variable Number 26 Variable WithdrewConsentWhyIfOther Type Character Length 189 Format $189. Label If withdrew consent selected record the reason why If OTHER specify

Variable Number 27 Variable DateCompletionMM Type Character Length 3 Format $3. Label Date of completionMM

Variable Number 28 Variable LastAttendedVisitMonth Type Character Length 3 Format $3. Label If OTHER specify date of visit Month

Variable Number 29 Variable DateCompletionDD Type Numeric Length 8 Format NONE Label Date of completionDD

Variable Number 30 Variable DateCompletionYYYY Type Numeric Length 8 Format NONE Label Date of completionYYYY

Variable Number 31 Variable LastAttendedVisitDay Type Numeric Length 8 Format NONE Label If OTHER specify date of visit Day

Variable Number 32 Variable LastAttendedVisitYear Type Numeric Length 8 Format NONE Label If OTHER specify date of visit Year

Data Set Name: tn20_changeinstudydrug.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Visit_Dt Type Numeric Length 8 Format MMDDYY10. Label Date of Visit

Variable Number 3 Variable ChangeInDrugStatus Type Character Length 14 Format $14. Label change in study drug Change in study drug status

Variable Number 4 Variable ChangeInDrugStatusEffectiveday Type Numeric Length 8 Format NONE Label change in study drug Date change in study drug status effective day

Variable Number 5 Variable ChangeInDrugStatusEffectivemon Type Character Length 3 Format $3. Label change in study drug Date change in study drug status effective month

Variable Number 6 Variable ChangeInDrugStatusEffectiveyea Type Numeric Length 8 Format NONE Label change in study drug Date change in study drug status effective year

Variable Number 7 Variable ReasonStudyDrugStopped Type Character Length 62 Format $62. Label change in study drug Reason the study drug was stopped

Variable Number 8 Variable ReasonStudyDrugStoppedOther Type Character Length 534 Format $534. Label change in study drug IF OTHER specify

Variable Number 9 Variable IsThereChangeInStudyStatus Type Character Length 3 Format $3. Label change in study drug Is there a change in study status at this time

Data Set Name: tn20_class_ii_tetramer.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Date_of_Draw Type Numeric Length 8 Format MMDDYY10. Label Date of Draw

Variable Number 3 Variable Event_Title Type Character Length 11 Format NONE Label Specimen Collection Form

Variable Number 4 Variable Test_HLA Type Character Length 9 Format $9. Label Test HLA

Variable Number 5 Variable Sample_Viability Type Numeric Length 8 Format BEST. Label Sample Viability

Variable Number 6 Variable Sample_Recovery Type Numeric Length 8 Format BEST. Label Sample Recovery

Variable Number 7 Variable Number_of_viable_CD4pTCells Type Numeric Length 8 Format NONE Label Calculated Total Number of viable CD4+ T cells

Variable Number 8 Variable Number_Influenza_specific_cells Type Numeric Length 8 Format NONE Label Number of influenza specific cells

Variable Number 9 Variable Freq_Influenza_specific_cells Type Numeric Length 8 Format NONE Label Frequency of influenza specific cells

Variable Number 10 Variable Number_Insulin_specific_cells Type Numeric Length 8 Format NONE Label Number of Insulin specific cells

Variable Number 11 Variable Freq_Insulin_specific_cells Type Numeric Length 8 Format NONE Label Frequency of Insulin specific cells

Variable Number 12 Variable Number_Other_beta_cell_specific Type Numeric Length 8 Format NONE Label Number of other beta cell specific cells

Variable Number 13 Variable Freq_Other_beta_cell_specific Type Numeric Length 8 Format NONE Label Frequency of other beta cell specific cells

Variable Number 14 Variable Influenza_percent_RAp Type Numeric Length 8 Format NONE Label Influenza percent RA+

Variable Number 15 Variable Influenza_percent_CCR7p Type Numeric Length 8 Format NONE Label Influenza percent CCR7+

Variable Number 16 Variable Influenza_percent_CXCR3p Type Numeric Length 8 Format NONE Label Influenza percent CXCR3+

Variable Number 17 Variable Influenza_percent_CCR4p Type Numeric Length 8 Format NONE Label Influenza percent CCR4+

Variable Number 18 Variable Influenza_percent_RAn_CD38p Type Numeric Length 8 Format NONE Label Influenza percent RA- CD38+

Variable Number 19 Variable Insulin_percent_RAp Type Numeric Length 8 Format NONE Label Insulin percent RA+

Variable Number 20 Variable Insulin_percent_CCR7p Type Numeric Length 8 Format NONE Label Insulin percent CCR7+

Variable Number 21 Variable Insulin_percent_CXCR3p Type Numeric Length 8 Format NONE Label Insulin percent CXCR3+

Variable Number 22 Variable Insulin_percent_CCR4p Type Numeric Length 8 Format NONE Label Insulin percent CCR4+

Variable Number 23 Variable Insulin_percent_RAn_CD38p Type Numeric Length 8 Format NONE Label Insulin percent RA- CD38+

Variable Number 24 Variable beta_cell_percent_RAp Type Numeric Length 8 Format NONE Label beta cell percent RA+

Variable Number 25 Variable beta_cell_percent_CCR7p Type Numeric Length 8 Format NONE Label beta cell percent CCR7+

Variable Number 26 Variable beta_cell_percent_CXCR3p Type Numeric Length 8 Format NONE Label beta cell percent CXCR3+

Variable Number 27 Variable beta_cell_percent_CCR4p Type Numeric Length 8 Format NONE Label beta cell percent CCR4+

Variable Number 28 Variable beta_cell_percent_RAn_CD38p Type Numeric Length 8 Format NONE Label beta cell percent RA- CD38+

Data Set Name: tn20_concomitantmeds.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Visit_Dt Type Numeric Length 8 Format MMDDYY10. Label Date of Visit

Variable Number 3 Variable Visit Type Character Length 48 Format NONE Label Visit

Variable Number 4 Variable AssessDateDay Type Numeric Length 8 Format NONE Label Assessment date day

Variable Number 5 Variable AssessDateMonth Type Character Length 3 Format NONE Label Assessment date month

Variable Number 6 Variable AssessDateYear Type Numeric Length 8 Format NONE Label Assessment date year

Variable Number 7 Variable Medication Type Character Length 154 Format NONE Label Medication

Variable Number 8 Variable Dose Type Numeric Length 8 Format NONE Label Dose

Variable Number 9 Variable Units Type Character Length 11 Format NONE Label Units

Variable Number 10 Variable UnitIfOtherSpecify Type Character Length 73 Format NONE Label Units specify detail if OTHER is selected

Variable Number 11 Variable ConMedsFrequencyChoices Type Character Length 5 Format NONE Label Frequency Choices

Variable Number 12 Variable ConMedsFrequencyOtherDetail Type Character Length 390 Format NONE Label Frequency specify detail if OTHER is selected

Variable Number 13 Variable ConMedsIntervalChoices Type Character Length 5 Format NONE Label Interval Choices

Variable Number 14 Variable ConMedsIntervalOtherDetails Type Character Length 142 Format NONE Label Interval specify details if OTHER is selected

Variable Number 15 Variable ConMedsRoute Type Character Length 26 Format NONE Label Route

Variable Number 16 Variable ConMedsRouteOtherDetails Type Character Length 24 Format NONE Label Route specify detail if OTHER is selected

Variable Number 17 Variable Indication Type Character Length 354 Format NONE Label Indication

Variable Number 18 Variable StartDateDay Type Numeric Length 8 Format NONE Label Start date day

Variable Number 19 Variable StartDateMonth Type Character Length 3 Format NONE Label Start date month

Variable Number 20 Variable StartDateYear Type Numeric Length 8 Format NONE Label Start date year

Variable Number 21 Variable IsContinuing Type Character Length 3 Format NONE Label Is Continuing

Variable Number 22 Variable StopDateDay Type Numeric Length 8 Format NONE Label Stop date day

Variable Number 23 Variable StopDateMonth Type Character Length 3 Format NONE Label Stop date month

Variable Number 24 Variable StopDateYear Type Numeric Length 8 Format NONE Label Stop date year

Data Set Name: tn20_cytof_cd8_tmr_statistics.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Date_of_Draw Type Numeric Length 8 Format MMDDYY10. Label Date of Draw

Variable Number 3 Variable Event_Title Type Character Length 11 Format NONE Label Specimen Collection Form

Variable Number 4 Variable Barcode Type Character Length 9 Format $9. Label Barcode

Variable Number 5 Variable CyTOF_Date Type Character Length 8 Format $8. Label CyTOF Date

Variable Number 6 Variable Flow_Date Type Character Length 8 Format $8. Label Flow Date

Variable Number 7 Variable Total_Count Type Numeric Length 8 Format 15. Label Total Count

Variable Number 8 Variable CD45p_Count Type Numeric Length 8 Format NONE Label CD45+ Count

Variable Number 9 Variable TCells_Count Type Numeric Length 8 Format 15. Label T Cells Count

Variable Number 10 Variable CD8_TCell_Count Type Numeric Length 8 Format BEST. Label CD8 T Cell Count

Variable Number 11 Variable InsB_PPI_Freq_Parent Type Numeric Length 8 Format COMMA15.3 Label InsB PPI Frequency of Parent

Variable Number 12 Variable InsB_PPI_Count Type Numeric Length 8 Format BEST. Label InsB PPI Count

Variable Number 13 Variable GAD_IGRP_IAPP_Freq_Parent Type Numeric Length 8 Format COMMA15.3 Label GAD IGRP IAPP Frequency of Parent

Variable Number 14 Variable GAD_IGRP_IAPP_Count Type Numeric Length 8 Format BEST. Label GAD IGRP IAPP Count

Variable Number 15 Variable Virus_Freq_Parent Type Numeric Length 8 Format COMMA15.3 Label Virus Frequency of Parent

Variable Number 16 Variable Virus_Count Type Numeric Length 8 Format 15. Label Virus Count

Data Set Name: tn20_diabetesonset.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Visit_Dt Type Numeric Length 8 Format MMDDYY10. Label Date of Visit

Variable Number 3 Variable DiagnosisDay Type Numeric Length 8 Format NONE Label Diagnosis day

Variable Number 4 Variable DiagnosisMonth Type Character Length 3 Format $3. Label Diagnosis month

Variable Number 5 Variable DiagnosisYear Type Numeric Length 8 Format NONE Label Diagnosis year

Variable Number 6 Variable DiagnosisBy Type Character Length 19 Format $19. Label Diagnosis made by

Variable Number 7 Variable DiagnosisByOthersSpecify Type Character Length 97 Format $97. Label If other facility specify

Variable Number 8 Variable InsulinTreatmentStartedDay Type Numeric Length 8 Format NONE Label Day insulin treatment started

Variable Number 9 Variable InsulinTreatmentStartedMonth Type Character Length 3 Format $3. Label Month insulin treatment started

Variable Number 10 Variable InsulinTreatmentStartedYear Type Numeric Length 8 Format NONE Label Year insulin treatment started

Variable Number 11 Variable DateInsulinTreatmentStartedUnk Type Numeric Length 8 Format NONE Label Date Insulin treatment started Unknown

Variable Number 12 Variable HospitalizedAtDiagnosisTime Type Character Length 3 Format $3. Label Was the participant hospitalized at the time of diagnosis

Variable Number 13 Variable AdmissionDay Type Numeric Length 8 Format NONE Label Day of admission

Variable Number 14 Variable AdmissionMonth Type Character Length 3 Format $3. Label Month of admission

Variable Number 15 Variable AdmissionYear Type Numeric Length 8 Format NONE Label Year of admission

Variable Number 16 Variable DischargeDay Type Numeric Length 8 Format NONE Label Day of discharge

Variable Number 17 Variable DischargeMonth Type Character Length 3 Format $3. Label Month of discharge

Variable Number 18 Variable DischargeYear Type Numeric Length 8 Format NONE Label Year of discharge

Variable Number 19 Variable Polyuria Type Character Length 3 Format $3. Label Did the participant experience Polyuria

Variable Number 20 Variable PolyuriaMonth Type Character Length 3 Format $3. Label Month polyuria experienced

Variable Number 21 Variable PolyuriaYear Type Numeric Length 8 Format NONE Label Year polyuria experienced

Variable Number 22 Variable Polydipsia Type Character Length 3 Format $3. Label Did the participant experience Polydipsia

Variable Number 23 Variable PolydipsiaMonth Type Character Length 3 Format $3. Label Month polydipsia experienced

Variable Number 24 Variable Polydipsiayear Type Numeric Length 8 Format NONE Label Year polydipsia experienced

Variable Number 25 Variable Polyphagia Type Character Length 3 Format $3. Label Did the participant experience Polyphagia

Variable Number 26 Variable PolyphagiaMonth Type Character Length 3 Format $3. Label Month polyphagia experienced

Variable Number 27 Variable PolyphagiaYear Type Numeric Length 8 Format NONE Label Year polyphagia experienced

Variable Number 28 Variable Fatigue Type Character Length 3 Format $3. Label Did the participant experience fatigue

Variable Number 29 Variable FatigueMonth Type Character Length 3 Format $3. Label Month fatigue experienced

Variable Number 30 Variable FatigueYear Type Numeric Length 8 Format NONE Label Year fatigue experienced

Variable Number 31 Variable UnexplainedWeightLoss Type Character Length 3 Format NONE Label Did the participant experience unexplained weight loss

Variable Number 32 Variable UnexplainedWeightLossMonth Type Character Length 3 Format NONE Label Month of unexplained weight loss

Variable Number 33 Variable UnexplainedWeightLossYear Type Numeric Length 8 Format NONE Label Year of unexplained weight loss

Variable Number 34 Variable WeightLostInKgs Type Numeric Length 8 Format NONE Label Amount of weight loss in kgs

Variable Number 35 Variable WeightLostInLbs Type Numeric Length 8 Format NONE Label Amount of weight loss in lbs

Variable Number 36 Variable Ketoacidosis Type Character Length 3 Format $3. Label Did the participant experience ketoacidosis

Variable Number 37 Variable KetoacidosisMonth23 Type Character Length 3 Format $3. Label Did the participant experience Ketoacidosismonth

Variable Number 38 Variable KetoacidosisYear23 Type Numeric Length 8 Format NONE Label Did the participant experience Ketoacidosisyear

Variable Number 39 Variable PlasmaGlucoseResult Type Numeric Length 8 Format NONE Label Plasma glucose result

Variable Number 40 Variable PlasmaGlucoseUnits Type Character Length 6 Format $6. Label Plasma glucose units

Variable Number 41 Variable PlasmaGlucoseRefRangeLow Type Numeric Length 8 Format NONE Label Plasma glucose low reference range

Variable Number 42 Variable PlasmaGlucoseRefRangeHigh Type Numeric Length 8 Format NONE Label Plasma glucose high reference range

Variable Number 43 Variable PlasmaGlucoseday Type Numeric Length 8 Format NONE Label Plasma glucose day

Variable Number 44 Variable PlasmaGlucoseMonth Type Character Length 3 Format $3. Label Plasma glucose month

Variable Number 45 Variable PlasmaGlucoseYear Type Numeric Length 8 Format NONE Label Plasma glucose year

Variable Number 46 Variable pHResult Type Numeric Length 8 Format NONE Label pH(serum) result

Variable Number 47 Variable pHUnits Type Character Length 7 Format $7. Label pH(serum) units

Variable Number 48 Variable pHReferenceRangeLow Type Numeric Length 8 Format NONE Label pH(serum) low reference range

Variable Number 49 Variable pHReferenceRangeHigh Type Numeric Length 8 Format NONE Label pH(serum) high reference range

Variable Number 50 Variable pHday Type Numeric Length 8 Format NONE Label pH(serum) day

Variable Number 51 Variable pHMonth Type Character Length 3 Format $3. Label pH(serum) month

Variable Number 52 Variable pHYear Type Numeric Length 8 Format NONE Label pH(serum) year

Variable Number 53 Variable SerumKetonesResult Type Numeric Length 8 Format NONE Label Serum ketones result

Variable Number 54 Variable SerumKetonesUnits Type Character Length 7 Format $7. Label Serum ketones units

Variable Number 55 Variable SerumKetonesRefRangeLow Type Numeric Length 8 Format NONE Label Serum ketones low reference range

Variable Number 56 Variable SerumKetonesRefRangeHigh Type Numeric Length 8 Format NONE Label Serum ketones high reference range

Variable Number 57 Variable SerumKetonesday Type Numeric Length 8 Format NONE Label Serum ketones day

Variable Number 58 Variable SerumKetonesMonth Type Character Length 3 Format $3. Label Serum ketones month

Variable Number 59 Variable SerumKetonesYear Type Numeric Length 8 Format NONE Label Serum ketones year

Variable Number 60 Variable AnionGapResult Type Numeric Length 8 Format NONE Label Anion gap result

Variable Number 61 Variable AnionGapUnits Type Character Length 22 Format $22. Label Anion gap units

Variable Number 62 Variable AnionGapRefRangeLow Type Numeric Length 8 Format NONE Label Anion gap low reference range

Variable Number 63 Variable AnionGapRefRangeHigh Type Numeric Length 8 Format NONE Label Anion gap high reference range

Variable Number 64 Variable AnionGapDay Type Numeric Length 8 Format NONE Label Anion gap day

Variable Number 65 Variable AnionGapMonth Type Character Length 3 Format $3. Label Anion gap month

Variable Number 66 Variable AnionGapYear Type Numeric Length 8 Format NONE Label Anion gap year

Variable Number 67 Variable BicarbonateResult Type Numeric Length 8 Format NONE Label Bicarbonate result

Variable Number 68 Variable BicarbonateUnits Type Character Length 22 Format $22. Label Bicarbonate units

Variable Number 69 Variable BicarbonateRefRangeLow Type Numeric Length 8 Format NONE Label Bicarbonate low reference range

Variable Number 70 Variable BicarbonateRefRangeHigh Type Numeric Length 8 Format NONE Label Bicarbonate high reference range

Variable Number 71 Variable BicarbonateDay Type Numeric Length 8 Format NONE Label bicarbonate day

Variable Number 72 Variable BicarbonateMonth Type Character Length 3 Format $3. Label Bicarbonate month

Variable Number 73 Variable BicarbonateYear Type Numeric Length 8 Format NONE Label Bicarbonate year

Variable Number 74 Variable UrineKetonesResult Type Numeric Length 8 Format NONE Label Urine ketones result

Variable Number 75 Variable UrineKetonesUnits Type Character Length 7 Format $7. Label Urine ketones units

Variable Number 76 Variable UrineKetonesRefRangeLow Type Numeric Length 8 Format NONE Label Urine ketones low reference range

Variable Number 77 Variable UrineKetonesRefRangeHigh Type Numeric Length 8 Format NONE Label Urine ketones high reference range

Variable Number 78 Variable UrineKetonesDay Type Numeric Length 8 Format NONE Label Urine ketones day

Variable Number 79 Variable UrineKetonesMonth Type Character Length 3 Format $3. Label Urine ketones month

Variable Number 80 Variable UrineKetonesYear Type Numeric Length 8 Format NONE Label Urine ketones year

Variable Number 81 Variable Result1_1 Type Numeric Length 8 Format NONE Label Glucose level result

Variable Number 82 Variable Units1_1 Type Character Length 6 Format $6. Label Glucose level units

Variable Number 83 Variable LowerReferenceRange1_1 Type Numeric Length 8 Format NONE Label Glucose level low reference range

Variable Number 84 Variable HigherReferenceRange1_1 Type Numeric Length 8 Format NONE Label Glucose level high reference range

Variable Number 85 Variable GlucoseDay1_1 Type Numeric Length 8 Format NONE Label Glucose day

Variable Number 86 Variable GlucoseMonth1_1 Type Character Length 3 Format $3. Label Glucose month

Variable Number 87 Variable GlucoseYear1_1 Type Numeric Length 8 Format NONE Label Glucose year

Variable Number 88 Variable GlucoseType1_1 Type Character Length 9 Format $9. Label Glucose type

Variable Number 89 Variable MeasuredBy1_1 Type Character Length 9 Format $9. Label Glucose levels measured by

Variable Number 90 Variable Result2_1 Type Numeric Length 8 Format NONE Label Glucose level result

Variable Number 91 Variable Units2_1 Type Character Length 6 Format $6. Label Glucose level units

Variable Number 92 Variable LowerReferenceRange2_1 Type Numeric Length 8 Format NONE Label Glucose level low reference range

Variable Number 93 Variable HigherReferenceRange2_1 Type Numeric Length 8 Format NONE Label Glucose level high reference range

Variable Number 94 Variable GlucoseDay2_1 Type Numeric Length 8 Format NONE Label Glucose day

Variable Number 95 Variable GlucoseMonth2_1 Type Character Length 3 Format $3. Label Glucose month

Variable Number 96 Variable GlucoseYear2_1 Type Numeric Length 8 Format NONE Label Glucose year

Variable Number 97 Variable GlucoseType2_1 Type Character Length 9 Format $9. Label Glucose type

Variable Number 98 Variable MeasuredBy2_1 Type Character Length 9 Format $9. Label Glucose levels measured by

Variable Number 99 Variable Result3_1 Type Numeric Length 8 Format NONE Label Glucose level result

Variable Number 100 Variable Units3_1 Type Character Length 6 Format $6. Label Glucose level units

Variable Number 101 Variable LowerReferenceRange3_1 Type Numeric Length 8 Format NONE Label Glucose level lower reference range

Variable Number 102 Variable HigherReferenceRange3_1 Type Numeric Length 8 Format NONE Label Glucose level higher reference range

Variable Number 103 Variable GlucoseDay3_1 Type Numeric Length 8 Format NONE Label Glucose day

Variable Number 104 Variable GlucoseMonth3_1 Type Character Length 3 Format $3. Label Glucose month

Variable Number 105 Variable GlucoseYear3_1 Type Numeric Length 8 Format NONE Label Glucose year

Variable Number 106 Variable GlucoseType3_1 Type Character Length 9 Format $9. Label Glucose type

Variable Number 107 Variable MeasuredBy3_1 Type Character Length 9 Format $9. Label Glucose levels measured by

Variable Number 108 Variable Result4_1 Type Numeric Length 8 Format NONE Label Glucose level result

Variable Number 109 Variable Units4_1 Type Character Length 6 Format $6. Label Glucose level units

Variable Number 110 Variable LowerReferenceRange4_1 Type Numeric Length 8 Format NONE Label Glucose level low reference range

Variable Number 111 Variable HigherReferenceRange4_1 Type Numeric Length 8 Format NONE Label Glucose level high reference range

Variable Number 112 Variable GlucoseDay4_1 Type Numeric Length 8 Format NONE Label Glucose day

Variable Number 113 Variable GlucoseMonth4_1 Type Character Length 3 Format $3. Label Glucose month

Variable Number 114 Variable GlucoseYear4_1 Type Numeric Length 8 Format NONE Label Glucose year

Variable Number 115 Variable GlucoseType4_1 Type Character Length 9 Format $9. Label Glucose type

Variable Number 116 Variable MeasuredBy4_1 Type Character Length 9 Format $9. Label Glucose levels measured by

Variable Number 117 Variable Result5_1 Type Numeric Length 8 Format NONE Label Glucose level result

Variable Number 118 Variable Units5_1 Type Character Length 6 Format $6. Label Glucose level units

Variable Number 119 Variable LowerReferenceRange5_1 Type Numeric Length 8 Format NONE Label Glucose level low reference range

Variable Number 120 Variable HigherReferenceRange5_1 Type Numeric Length 8 Format NONE Label Glucose level high reference range

Variable Number 121 Variable GlucoseDay5_1 Type Numeric Length 8 Format NONE Label Glucose day

Variable Number 122 Variable GlucoseMonth5_1 Type Character Length 3 Format $3. Label Glucose month

Variable Number 123 Variable GlucoseYear5_1 Type Numeric Length 8 Format NONE Label Glucose year

Variable Number 124 Variable GlucoseType5_1 Type Character Length 9 Format $9. Label Glucose type

Variable Number 125 Variable MeasuredBy5_1 Type Character Length 9 Format $9. Label Glucose levels measured by

Variable Number 126 Variable Result6_1 Type Numeric Length 8 Format NONE Label Glucose level result

Variable Number 127 Variable Units6_1 Type Character Length 6 Format $6. Label Glucose level units

Variable Number 128 Variable LowerReferenceRange6_1 Type Numeric Length 8 Format NONE Label Glucose level low reference range

Variable Number 129 Variable HigherReferenceRange6_1 Type Numeric Length 8 Format NONE Label Glucose level high reference range

Variable Number 130 Variable GlucoseDay6_1 Type Numeric Length 8 Format NONE Label Glucose day

Variable Number 131 Variable GlucoseMonth6_1 Type Character Length 3 Format $3. Label Glucose month

Variable Number 132 Variable GlucoseYear6_1 Type Numeric Length 8 Format NONE Label Glucose year

Variable Number 133 Variable GlucoseType6_1 Type Character Length 9 Format $9. Label Glucose type

Variable Number 134 Variable MeasuredBy6_1 Type Character Length 9 Format $9. Label Glucose levels measured by

Variable Number 135 Variable Result7_1 Type Numeric Length 8 Format NONE Label Glucose level result

Variable Number 136 Variable Units7_1 Type Character Length 6 Format $6. Label Glucose level units

Variable Number 137 Variable LowerReferenceRange7_1 Type Numeric Length 8 Format NONE Label Glucose level low reference range

Variable Number 138 Variable HigherReferenceRange7_1 Type Numeric Length 8 Format NONE Label Glucose level high reference range

Variable Number 139 Variable GlucoseDay7_1 Type Numeric Length 8 Format NONE Label Glucose day

Variable Number 140 Variable GlucoseMonth7_1 Type Character Length 3 Format $3. Label Glucose month

Variable Number 141 Variable GlucoseYear7_1 Type Numeric Length 8 Format NONE Label Glucose year

Variable Number 142 Variable GlucoseType7_1 Type Character Length 9 Format $9. Label Glucose type

Variable Number 143 Variable MeasuredBy7_1 Type Character Length 9 Format $9. Label Glucose levels measured by

Variable Number 144 Variable Result8_1 Type Numeric Length 8 Format NONE Label Glucose level result

Variable Number 145 Variable Units8_1 Type Character Length 6 Format $6. Label Glucose level units

Variable Number 146 Variable LowerReferenceRange8_1 Type Numeric Length 8 Format NONE Label Glucose level low reference range

Variable Number 147 Variable HigherReferenceRange8_1 Type Numeric Length 8 Format NONE Label Glucose level high reference range

Variable Number 148 Variable GlucoseDay8_1 Type Numeric Length 8 Format NONE Label Glucose day

Variable Number 149 Variable GlucoseMonth8_1 Type Character Length 3 Format $3. Label Glucose month

Variable Number 150 Variable GlucoseYear8_1 Type Numeric Length 8 Format NONE Label Glucose year

Variable Number 151 Variable GlucoseType8_1 Type Character Length 7 Format $7. Label Glucose type

Variable Number 152 Variable MeasuredBy8_1 Type Character Length 9 Format $9. Label Glucose levels measured by

Variable Number 153 Variable Result9_1 Type Numeric Length 8 Format NONE Label Glucose level result

Variable Number 154 Variable Units9_1 Type Character Length 6 Format $6. Label Glucose level units

Variable Number 155 Variable LowerReferenceRange9_1 Type Numeric Length 8 Format NONE Label Glucose level low reference range

Variable Number 156 Variable HigherReferenceRange9_1 Type Numeric Length 8 Format NONE Label Glucose level high reference range

Variable Number 157 Variable GlucoseDay9_1 Type Numeric Length 8 Format NONE Label Glucose day

Variable Number 158 Variable GlucoseMonth9_1 Type Character Length 3 Format $3. Label Glucose month

Variable Number 159 Variable GlucoseYear9_1 Type Numeric Length 8 Format NONE Label Glucose year

Variable Number 160 Variable GlucoseType9_1 Type Character Length 6 Format $6. Label Glucose type

Variable Number 161 Variable MeasuredBy9_1 Type Character Length 9 Format $9. Label Glucose levels measured by

Variable Number 162 Variable Result10_1 Type Numeric Length 8 Format NONE Label Glucose level result

Variable Number 163 Variable Units10_1 Type Character Length 6 Format $6. Label Glucose level units

Variable Number 164 Variable LowerReferenceRange10_1 Type Numeric Length 8 Format NONE Label Glucose level low reference range

Variable Number 165 Variable HigherReferenceRange10_1 Type Numeric Length 8 Format NONE Label Glucose level high reference range

Variable Number 166 Variable GlucoseDay10_1 Type Numeric Length 8 Format NONE Label Glucose day

Variable Number 167 Variable GlucoseMonth10_1 Type Character Length 3 Format $3. Label Glucose month

Variable Number 168 Variable GlucoseYear10_1 Type Numeric Length 8 Format NONE Label Glucose year

Variable Number 169 Variable GlucoseType10_1 Type Character Length 7 Format $7. Label Glucose type

Variable Number 170 Variable MeasuredBy10_1 Type Character Length 9 Format $9. Label Glucose levels measured by

Variable Number 171 Variable Result11_1 Type Numeric Length 8 Format NONE Label Glucose level result

Variable Number 172 Variable Units11_1 Type Character Length 6 Format $6. Label Glucose level units

Variable Number 173 Variable LowerReferenceRange11_1 Type Numeric Length 8 Format NONE Label Glucose level low reference range

Variable Number 174 Variable HigherReferenceRange11_1 Type Numeric Length 8 Format NONE Label Glucose level high reference range

Variable Number 175 Variable GlucoseDay11_1 Type Numeric Length 8 Format NONE Label Glucose day

Variable Number 176 Variable GlucoseMonth11_1 Type Character Length 3 Format $3. Label Glucose month

Variable Number 177 Variable GlucoseYear11_1 Type Numeric Length 8 Format NONE Label Glucose year

Variable Number 178 Variable GlucoseType11_1 Type Character Length 6 Format $6. Label Glucose type

Variable Number 179 Variable MeasuredBy11_1 Type Character Length 9 Format $9. Label Glucose levels measured by

Variable Number 180 Variable Result12_1 Type Numeric Length 8 Format NONE Label Glucose level result

Variable Number 181 Variable Units12_1 Type Character Length 1 Format $1. Label Glucose level units

Variable Number 182 Variable LowerReferenceRange12_1 Type Numeric Length 8 Format NONE Label Glucose level low reference range

Variable Number 183 Variable HigherReferenceRange12_1 Type Numeric Length 8 Format NONE Label Glucose level high reference range

Variable Number 184 Variable GlucoseDay12_1 Type Numeric Length 8 Format NONE Label Glucose day

Variable Number 185 Variable GlucoseMonth12_1 Type Character Length 3 Format $3. Label Glucose month

Variable Number 186 Variable GlucoseYear12_1 Type Numeric Length 8 Format NONE Label Glucose year

Variable Number 187 Variable GlucoseType12_1 Type Character Length 6 Format $6. Label Glucose type

Variable Number 188 Variable MeasuredBy12_1 Type Character Length 9 Format $9. Label Glucose levels measured by

Variable Number 189 Variable HbA1cResult Type Numeric Length 8 Format NONE Label Other laboratory values hba1c result

Variable Number 190 Variable HbA1cLowerReferenceRange Type Numeric Length 8 Format NONE Label Other laboratory values hba1c low reference range

Variable Number 191 Variable HbA1chigherrReferenceRange Type Numeric Length 8 Format NONE Label Other laboratory values hba1c high reference range

Variable Number 192 Variable HbA1cDay Type Numeric Length 8 Format NONE Label Other laboratory values hba1c day

Variable Number 193 Variable HbA1cMonth Type Character Length 3 Format $3. Label Other laboratory values hba1c month

Variable Number 194 Variable HbA1cYear Type Numeric Length 8 Format NONE Label Other laboratory values hba1c year

Variable Number 195 Variable Currentvisitorlastscheduledvis Type Character Length 8 Format $8. Label Current visit or last scheduled visit preceding diagnosis of diabetes

Data Set Name: tn20_eligibility.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Visit_Dt Type Numeric Length 8 Format MMDDYY10. Label Date of Visit

Variable Number 3 Variable Visit Type Character Length 48 Format NONE Label Visit

Variable Number 4 Variable ICaIstheparticipantinTrialNetN Type Character Length 3 Format $3. Label IC a Is the participant in TrialNet Natural HistoryPathway to Prevention Study TN01 and thus a relative of a proband with T1D and between the ages of 145 at the time of enrollment in TN01

Variable Number 5 Variable ICbIfmostrecentOGTTdemonstrate Type Character Length 3 Format $3. Label IC b If most recent OGTT demonstrates Normal Glucose Tolerance is the participant 3 years

Variable Number 6 Variable ICcDoestheparticipanthaveaconf Type Character Length 3 Format $3. Label IC c Does the participant have a confirmed positive mIAA result within the past 6 months

Variable Number 7 Variable ICdDoestheparticipanthaveatlea Type Character Length 3 Format $3. Label IC d Does the participant have at least one other diabetesassociated autoantibody present on two separate samples one of which was drawn within the past six months

Variable Number 8 Variable ICeDoestheparticipantweigh12kg Type Character Length 3 Format $3. Label IC e Does the participant weigh 12kg at the time of randomization

Variable Number 9 Variable ICfIstheparticipantwillingtopr Type Character Length 3 Format $3. Label IC f Is the participant willing to provide informed consent or if the subject is 18 years of age have a legal guardian provide informed consent

Variable Number 10 Variable ECaHastheparticipantbeendiagno Type Character Length 2 Format $2. Label EC a Has the participant been diagnosed with type 1 diabetes or has their most recent OGTT shown a fasting glucose >=126 mgdl or a 2 hour glucose >=200 mgdl

Variable Number 11 Variable ECbHastheparticipanthadpriorpa Type Character Length 2 Format $2. Label EC b Has the participant had prior participation in a clinical research study for secondary prevention of type 1 diabetes

Variable Number 12 Variable ECcDoestheparticipanthaveahist Type Character Length 2 Format $2. Label EC c Does the participant have a history of treatment with insulin or any oral hypoglycemic agent

Variable Number 13 Variable ExclusionMedAlteringStomachAci Type Character Length 2 Format $2. Label Does the participant have current chronic use of medications altering stomach acid such as H2 blockers proton pump inhibitors and antacids

Variable Number 14 Variable ExclusionGastricHistory Type Character Length 2 Format $2. Label Does the participant have a history of gastric ulcer or gastric surgery

Variable Number 15 Variable ECdHastheparticipantbeentreate Type Character Length 2 Format $2. Label EC d Has the participant been treated with immunosuppressive drugs or glucocorticoids within the past 2 years for a period of more than 3 months

Variable Number 16 Variable ECeDoestheparticipanthaveadise Type Character Length 3 Format $3. Label EC e Does the participant have a disease which would limit hisher ability to participate in the study

Variable Number 17 Variable ECgDoestheparticipanthaveongoi Type Character Length 2 Format $2. Label EC g Does the participant have ongoing use of medications known to influence glucose tolerance eg sulfonylureas growth hormone metformin anticonvulsants thiazide or potassium depleting diuretics beta adrenergic blockers niacin Participants on such medicati

Variable Number 18 Variable EChIstheparticipantpregnant Type Character Length 2 Format $2. Label EC h Is the participant pregnant intending to become pregnant while on study or lactating

Variable Number 19 Variable ECiIstheparticipantdeemedunlik Type Character Length 3 Format $3. Label Is the participant deemed unlikely or unable to comply with the protocol, or does the participant have any complicating medical issues or abnormal clinical laboratory values that interfere with study conduct or cause increased risk?

Variable Number 20 Variable immediatefamilycurrentlyrandom Type Character Length 2 Format $2. Label Is there anyone in the immediate family or living in the household who is currently randomized in the TN20 Immune Effects of Oral Insulin Trial

Variable Number 21 Variable HouseholdParticipatingTN20P1_1 Type Character Length 1 Format $1. Label Household Participating TN20 PID

Variable Number 22 Variable HouseholdParticipatingTN20P1_2 Type Character Length 1 Format $1. Label Household Participating TN20 PID Relationship

Variable Number 23 Variable HowmanyhouseholdparticipateinT Type Numeric Length 8 Format NONE Label How many household participate in TN20

Variable Number 24 Variable EligibilityCommitteeReview Type Character Length 3 Format $3. Label Subject is Eligible per TrialNet Eligibility Committee Review

Data Set Name: tn20_freqphen_hla_a1.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Date_of_Draw Type Numeric Length 8 Format MMDDYY10. Label Date of Draw

Variable Number 3 Variable Event_Title Type Character Length 11 Format NONE Label Specimen Collection Form

Variable Number 4 Variable Date_Run Type Numeric Length 8 Format MMDDYY10. Label Date Run

Variable Number 5 Variable CD8_VIA_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset, CD8, VIA subset, Count

Variable Number 6 Variable A1_Flu_CMV_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A1 Flu CMV, Count

Variable Number 7 Variable A1_Flu_CMV_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A1 Flu CMV, Freq. of Parent

Variable Number 8 Variable A1_Ins_32_40_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A1 Ins 32-40, Count

Variable Number 9 Variable A1FluCMV_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 10 Variable A1FluCMV_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV, CD95+, Freq. of Parent

Variable Number 11 Variable A1FluCMV_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 12 Variable A1FluCMV_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 13 Variable A1FluCMV_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 14 Variable A1FluCMV_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 15 Variable A1_Ins_32_40_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A1 Ins 32-40, Freq. of Parent

Variable Number 16 Variable A1Ins3240_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 17 Variable A1Ins3240_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, CD95+, Freq. of Parent

Variable Number 18 Variable A1Ins3240_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 19 Variable A1Ins3240_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 20 Variable A1Ins3240_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 21 Variable A1Ins3240_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, Q4: CD45RA- , CCR7-, Freq. of Parent

Data Set Name: tn20_freqphen_hla_a1_a3.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Date_of_Draw Type Numeric Length 8 Format MMDDYY10. Label Date of Draw

Variable Number 3 Variable Event_Title Type Character Length 11 Format NONE Label Specimen Collection Form

Variable Number 4 Variable Date_Run Type Numeric Length 8 Format MMDDYY10. Label Date Run

Variable Number 5 Variable CD8_VIA_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset, CD8, VIA subset, Count

Variable Number 6 Variable A1_Flu_CMV_A3_EBV_CMV_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A1 Flu CMV A3 EBV CMV, Count

Variable Number 7 Variable A1_Flu_CMV_A3_EBV_CMV_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A1 Flu CMV A3 EBV CMV, Freq. of Parent

Variable Number 8 Variable A1_Ins_32_40_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A1 Ins 32-40, Count

Variable Number 9 Variable A1_Ins_32_40_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A1 Ins 32-40, Freq. of Parent

Variable Number 10 Variable A3_PPI_38_46_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 PPI 38-46, Count

Variable Number 11 Variable A3_PPI_38_46_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 PPI 38-46, Freq. of Parent

Variable Number 12 Variable A3_PPI_79_88_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 PPI 79-88, Count

Variable Number 13 Variable A3_PPI_79_88_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 PPI 79-88, Freq. of Parent

Variable Number 14 Variable A1FluCMVA3EBVCMV_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV A3 EBV CMV, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 15 Variable A1FluCMVA3EBVCMV_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV A3 EBV CMV, CD95+, Freq. of Parent

Variable Number 16 Variable A1FluCMVA3EBVCMV_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV A3 EBV CMV, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 17 Variable A1FluCMVA3EBVCMV_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV A3 EBV CMV, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 18 Variable A1FluCMVA3EBVCMV_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV A3 EBV CMV, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 19 Variable A1FluCMVA3EBVCMV_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV A3 EBV CMV, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 20 Variable A1Ins3240_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 21 Variable A1Ins3240_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, CD95+, Freq. of Parent

Variable Number 22 Variable A1Ins3240_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 23 Variable A1Ins3240_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 24 Variable A1Ins3240_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 25 Variable A1Ins3240_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 26 Variable A3PPI3846_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 27 Variable A3PPI3846_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, CD95+, Freq. of Parent

Variable Number 28 Variable A3PPI3846_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 29 Variable A3PPI3846_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 30 Variable A3PPI3846_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 31 Variable A3PPI3846_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 32 Variable A3PPI7988_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 33 Variable A3PPI7988_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, CD95+, Freq. of Parent

Variable Number 34 Variable A3PPI7988_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 35 Variable A3PPI7988_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 36 Variable A3PPI7988_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 37 Variable A3PPI7988_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q4: CD45RA- , CCR7-, Freq. of Parent

Data Set Name: tn20_freqphen_hla_a1_b7.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Date_of_Draw Type Numeric Length 8 Format MMDDYY10. Label Date of Draw

Variable Number 3 Variable Event_Title Type Character Length 11 Format NONE Label Specimen Collection Form

Variable Number 4 Variable Date_Run Type Numeric Length 8 Format MMDDYY10. Label Date Run

Variable Number 5 Variable CD8_VIA_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset, CD8, VIA subset, Count

Variable Number 6 Variable A1FluCMV_B7CMV_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A1 Flu CMV B7 CMV, Count

Variable Number 7 Variable A1FluCMV_B7CMV_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A1 Flu CMV B7 CMV, Freq. of Parent

Variable Number 8 Variable A1Ins32_40_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A1 Ins 32-40, Count

Variable Number 9 Variable A1Ins32_40_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A1 Ins 32-40, Freq. of Parent

Variable Number 10 Variable B7_PPI8_16_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, B7 PPI 8-16, Count

Variable Number 11 Variable B7_PPI8_16_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, B7 PPI 8-16, Freq. of Parent

Variable Number 12 Variable B7_PPI_4_13_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, B7 PPI 4-13, Count

Variable Number 13 Variable B7_PPI_4_13_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, B7 PPI 4-13, Freq. of Parent

Variable Number 14 Variable A1FluCMVB7CMV_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV B7 CMV, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 15 Variable A1FluCMVB7CMV_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV B7 CMV, CD95+, Freq. of Parent

Variable Number 16 Variable A1FluCMVB7CMV_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV B7 CMV, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 17 Variable A1FluCMVB7CMV_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV B7 CMV, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 18 Variable A1FluCMVB7CMV_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV B7 CMV, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 19 Variable A1FluCMVB7CMV_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV B7 CMV, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 20 Variable A1Ins3240_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 21 Variable A1Ins32_40CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, CD95+, Freq. of Parent

Variable Number 22 Variable A1Ins3240_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 23 Variable A1Ins3240_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 24 Variable A1Ins3240_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 25 Variable A1Ins3240_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 26 Variable B7PPI816_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B7 PPI 8-16, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 27 Variable B7PPI816_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B7 PPI 8-16, CD95+, Freq. of Parent

Variable Number 28 Variable B7PPI816_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B7 PPI 8-16, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 29 Variable B7PPI816_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B7 PPI 8-16, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 30 Variable B7PPI816_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B7 PPI 8-16, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 31 Variable B7PPI816_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B7 PPI 8-16, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 32 Variable B7PPI413_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B7 PPI 4-13, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 33 Variable B7PPI413_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B7 PPI 4-13, CD95+, Freq. of Parent

Variable Number 34 Variable B7PPI413_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B7 PPI 4-13, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 35 Variable B7PPI413_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B7 PPI 4-13, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 36 Variable B7PPI413_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B7 PPI 4-13, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 37 Variable B7PPI413_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B7 PPI 4-13, Q4: CD45RA- , CCR7-, Freq. of Parent

Data Set Name: tn20_freqphen_hla_a2.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Date_of_Draw Type Numeric Length 8 Format MMDDYY10. Label Date of Draw

Variable Number 3 Variable Event_Title Type Character Length 11 Format NONE Label Specimen Collection Form

Variable Number 4 Variable Date_Run Type Numeric Length 8 Format MMDDYY10. Label Date Run

Variable Number 5 Variable CD8_VIA_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset, CD8, VIA subset, Count

Variable Number 6 Variable Flu_EBV_CMVp_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, Flu EBV CMV+, Count

Variable Number 7 Variable Flu_EBV_CMVp_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, Flu EBV CMV+, Freq. of Parent

Variable Number 8 Variable InsBp_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, InsB+, Count

Variable Number 9 Variable InsBp_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, InsB+, Freq. of Parent

Variable Number 10 Variable PPIp_CD8_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, PPI+ CD8, Count

Variable Number 11 Variable PPIp_CD8_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, PPI+ CD8, Freq. of Parent

Variable Number 12 Variable IGRPp_IAPPp_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, IGRP+ IAPP+, Count

Variable Number 13 Variable IGRPp_IAPPp_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, IGRP+ IAPP+, Freq. of Parent

Variable Number 14 Variable Flu_EBV_CMVp_CD45RAn_CXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ Flu EBV CMV+, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 15 Variable Flu_EBV_CMVp_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ Flu EBV CMV+, CD95+, Freq. of Parent

Variable Number 16 Variable Flu_EBV_CMVp_Q1_CD45RAn_CCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ Flu EBV CMV+, Q1: CD45RA-, CCR7+, Freq. of Parent

Variable Number 17 Variable Flu_EBV_CMVp_Q2_CD45RAp_CCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ Flu EBV CMV+, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 18 Variable Flu_EBV_CMVp_Q3_CD45RAp_CCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ Flu EBV CMV+, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 19 Variable Flu_EBV_CMVp_Q4_CD45RAn_CCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ Flu EBV CMV+, Q4: CD45RA-, CCR7-, Freq. of Parent

Variable Number 20 Variable IGRPp_IAPPp_CD45RAn_CXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ IGRP+ IAPP+, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 21 Variable IGRPp_IAPPp_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ IGRP+ IAPP+, CD95+, Freq. of Parent

Variable Number 22 Variable IGRPp_IAPPP_Q1_CD45RAn_CCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ IGRP+ IAPP+, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 23 Variable IGRPp_IAPPp_Q2_CD45RAp_CCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ IGRP+ IAPP+, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 24 Variable IGRPp_IAPPp_Q3_CD45RAp_CCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ IGRP+ IAPP+, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 25 Variable IGRPp_IAPPp_Q4_CD45RAn_CCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ IGRP+ IAPP+, Q4: CD45RA- , CCR7- , Freq. of Parent

Variable Number 26 Variable InsBp_CD45RAn_CXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ InsB+, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 27 Variable InsBp_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ InsB+, CD95+, Freq. of Parent

Variable Number 28 Variable InsBp_Q1_CD45RAn_CCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ InsB+, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 29 Variable InsBp_Q2_CD45RAp_CCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ InsB+, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 30 Variable InsBp_Q3_CD45RAp_CCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ InsB+, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 31 Variable InsBp_Q4_CD45RAn_CCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ InsB+, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 32 Variable PPIp_CD8_CD45RAn_CXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ PPI+ CD8, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 33 Variable PPI_CD8_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ PPI+ CD8, CD95+, Freq. of Parent

Variable Number 34 Variable PPIp_CD8_Q4_CD45RAn_CCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ PPI+ CD8, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 35 Variable PPIp_CD8_Q3_CD45RAp_CCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ PPI+ CD8, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 36 Variable PPIp_CD8_Q2_CD45RAp_CCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ PPI+ CD8, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 37 Variable PPIp_CD8_Q1_CD45RAn_CCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ PPI+ CD8, Q1: CD45RA- , CCR7+, Freq. of Parent

Data Set Name: tn20_freqphen_hla_a24.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Date_of_Draw Type Numeric Length 8 Format MMDDYY10. Label Date of Draw

Variable Number 3 Variable Event_Title Type Character Length 11 Format NONE Label Specimen Collection Form

Variable Number 4 Variable Date_Run Type Numeric Length 8 Format MMDDYY10. Label Date Run

Variable Number 5 Variable CD8_VIA_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset, CD8, VIA subset, Count

Variable Number 6 Variable A24_CMV_EBV_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A24 CMV EBV, Count

Variable Number 7 Variable A24_CMV_EBV_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A24 CMV EBV, Freq. of Parent

Variable Number 8 Variable A24_PPI_614_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A24 PPI 6-14, Count

Variable Number 9 Variable A24_PPI_614_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A24 PPI 6-14, Freq. of Parent

Variable Number 10 Variable A24CMVEBV_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 CMV EBV, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 11 Variable A24CMVEBV_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 CMV EBV, CD95+, Freq. of Parent

Variable Number 12 Variable A24CMVEBV_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 CMV EBV, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 13 Variable A24CMVEBV_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 CMV EBV, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 14 Variable A24CMVEBV_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 CMV EBV, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 15 Variable A24CMVEBV_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 CMV EBV, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 16 Variable A24PPI614_CD45RAnCXCR3p_1 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 PPI 6-14, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 17 Variable A24PPI614_CD95p_1 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 PPI 6-14, CD95+, Freq. of Parent

Variable Number 18 Variable A24PPI614_Q1CD45RAnCCR7p_1 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 PPI 6-14, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 19 Variable A24PPI614_Q2CD45RApCCR7p_1 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 PPI 6-14, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 20 Variable A24PPI614_Q3CD45RApCCR7n_1 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 PPI 6-14, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 21 Variable A24PPI614_Q4CD45RAnCCR7n_1 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 PPI 6-14, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 22 Variable A3PPI3846_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 23 Variable A3PPI3846_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 24 Variable A3PPI3846_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 25 Variable A3PPI3846_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 26 Variable A3PPI7988_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 27 Variable A3PPI7988_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, CD95+, Freq. of Parent

Variable Number 28 Variable A3PPI7988_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 29 Variable A3PPI7988_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 30 Variable A3PPI7988_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 31 Variable A3PPI7988_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 32 Variable A24PPI614_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 PPI 6-14, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 33 Variable A24PPI614_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 PPI 6-14, CD95+, Freq. of Parent

Variable Number 34 Variable A24PPI614_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 PPI 6-14, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 35 Variable A24PPI614_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 PPI 6-14, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 36 Variable A24PPI614_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 PPI 6-14, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 37 Variable A24PPI614_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 PPI 6-14, Q4: CD45RA- , CCR7-, Freq. of Parent

Data Set Name: tn20_freqphen_hla_a2_a3.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Date_of_Draw Type Numeric Length 8 Format MMDDYY10. Label Date of Draw

Variable Number 3 Variable Event_Title Type Character Length 11 Format NONE Label Specimen Collection Form

Variable Number 4 Variable Date_Run Type Numeric Length 8 Format MMDDYY10. Label Date Run

Variable Number 5 Variable CD8_VIA_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset, CD8, VIA subset, Count

Variable Number 6 Variable A3_CMV_EBV_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 CMV EBV, Freq. of Parent

Variable Number 7 Variable A3_PPI_38_46_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 PPI 38-46, Count

Variable Number 8 Variable A3_PPI_38_46_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 PPI 38-46, Freq. of Parent

Variable Number 9 Variable A3_PPI_79_88_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 PPI 79-88, Count

Variable Number 10 Variable A3_PPI_79_88_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 PPI 79-88, Freq. of Parent

Variable Number 11 Variable A3CMVEBV_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 CMV EBV, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 12 Variable A3CMVEBV_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 CMV EBV, CD95+, Freq. of Parent

Variable Number 13 Variable A3CMVEBV_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 CMV EBV, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 14 Variable A3CMVEBV_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 CMV EBV, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 15 Variable A3CMVEBV_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 CMV EBV, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 16 Variable A3CMVEBV_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 CMV EBV, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 17 Variable A3PPI3846_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 18 Variable A3PPI3846_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, CD95+, Freq. of Parent

Variable Number 19 Variable A3PPI3846_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 20 Variable A3PPI3846_Q2CD45RApCCR7p_1 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 21 Variable A3PPI3846_Q3CD45RApCCR7n_1 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 22 Variable A3PPI3846_Q4CD45RAnCCR7n_1 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 23 Variable A3PPI7988_CD45RAnCXCR3p_1 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 24 Variable A3PPI7988_CD95p_1 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, CD95+, Freq. of Parent

Variable Number 25 Variable A3PPI7988_Q1CD45RAnCCR7p_1 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 26 Variable A3PPI7988_Q2CD45RApCCR7p_1 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 27 Variable A3PPI7988_Q3CD45RApCCR7n_1 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 28 Variable A3PPI7988_Q4CD45RAnCCR7n_1 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 29 Variable A3PPI3846_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 30 Variable A3PPI3846_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 31 Variable A3PPI3846_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 32 Variable A3PPI7988_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 33 Variable A3PPI7988_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, CD95+, Freq. of Parent

Variable Number 34 Variable A3PPI7988_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 35 Variable A3PPI7988_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 36 Variable A3PPI7988_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 37 Variable A3PPI7988_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q4: CD45RA- , CCR7-, Freq. of Parent

Data Set Name: tn20_freqphen_hla_a3_a24.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Date_of_Draw Type Numeric Length 8 Format MMDDYY10. Label Date of Draw

Variable Number 3 Variable Event_Title Type Character Length 11 Format NONE Label Specimen Collection Form

Variable Number 4 Variable Date_Run Type Numeric Length 8 Format MMDDYY10. Label Date Run

Variable Number 5 Variable CD8_VIA_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset, CD8, VIA subset, Count

Variable Number 6 Variable A3CMVEBV_A24CMVEBV_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 CMV EBV A24 CMV EBV, Count

Variable Number 7 Variable A3CMVEBV_A24CMVEBV_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 CMV EBV A24 CMV EBV, Freq. of Parent

Variable Number 8 Variable A3PPI_3846_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 PPI 38-46, Count

Variable Number 9 Variable A3PPI_3846_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 PPI 38-46, Freq. of Parent

Variable Number 10 Variable A3PPI_7988_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 PPI 79-88, Count

Variable Number 11 Variable A3PPI_7988_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 PPI 79-88, Freq. of Parent

Variable Number 12 Variable A24PPI_614_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A24 PPI 6-14, Count

Variable Number 13 Variable A24PPI_614_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A24 PPI 6-14, Freq. of Parent

Variable Number 14 Variable A3CMVEBVA24_CMVEBVCD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 CMV EBV A24 CMV EBV, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 15 Variable A3CMVEBVA24_CMVEBVCD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 CMV EBV A24 CMV EBV, CD95+, Freq. of Parent

Variable Number 16 Variable A3CMVEBVA24_CMVEBVQ1CD45RACCR7 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 CMV EBV A24 CMV EBV, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 17 Variable A3CMVEBVA24_CMVEBVQ2CD45RACCR7 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 CMV EBV A24 CMV EBV, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 18 Variable A3CMVEBVA24_CMVEBVQ3CD45RACCR7 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 CMV EBV A24 CMV EBV, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 19 Variable A3CMVEBVA24_CMVEBVQ4CD45RACCR7 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 CMV EBV A24 CMV EBV, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 20 Variable A3PPI3846_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 21 Variable A3PPI3846_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, CD95+, Freq. of Parent

Variable Number 22 Variable A3PPI3846_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 23 Variable A3PPI3846_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 24 Variable A3PPI3846_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 25 Variable A3PPI3846_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 26 Variable A3PPI7988_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 27 Variable A3PPI7988_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, CD95+, Freq. of Parent

Variable Number 28 Variable A3PPI7988_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 29 Variable A3PPI7988_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 30 Variable A3PPI7988_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 31 Variable A3PPI7988_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 32 Variable A24PPI614_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 PPI 6-14, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 33 Variable A24PPI614_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 PPI 6-14, CD95+, Freq. of Parent

Variable Number 34 Variable A24PPI614_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 PPI 6-14, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 35 Variable A24PPI614_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 PPI 6-14, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 36 Variable A24PPI614_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 PPI 6-14, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 37 Variable A24PPI614_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A24 PPI 6-14, Q4: CD45RA- , CCR7-, Freq. of Parent

Data Set Name: tn20_freqphen_hla_a3_b7.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Date_of_Draw Type Numeric Length 8 Format MMDDYY10. Label Date of Draw

Variable Number 3 Variable Event_Title Type Character Length 11 Format NONE Label Specimen Collection Form

Variable Number 4 Variable Date_Run Type Numeric Length 8 Format MMDDYY10. Label Date Run

Variable Number 5 Variable CD8_VIA_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset, CD8, VIA subset, Count

Variable Number 6 Variable A3CMVEBV_B7CMV_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 CMV EBV B7 CMV, Count

Variable Number 7 Variable A3CMVEBV_B7CMV_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 CMV EBV B7 CMV, Freq. of Parent

Variable Number 8 Variable A3PPI_3846_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 PPI 38-46, Count

Variable Number 9 Variable A3PPI_3846_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 PPI 38-46, Freq. of Parent

Variable Number 10 Variable A3PPI_7988_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 PPI 79-88, Count

Variable Number 11 Variable A3PPI_7988_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A3 PPI 79-88, Freq. of Parent

Variable Number 12 Variable B7PPI413_PP816_Count Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, B7 PPI 4-13 PPI 8-16, Count

Variable Number 13 Variable B7PPI413_PPI816_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, B7 PPI 4-13 PPI 8-16, Freq. of Parent

Variable Number 14 Variable A3CMVEBVB7CMV_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 CMV EBV B7 CMV, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 15 Variable A3CMVEBV_B7CMVCD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 CMV EBV B7 CMV, CD95+, Freq. of Parent

Variable Number 16 Variable A3CMVEBVB7CMV_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 CMV EBV B7 CMV, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 17 Variable A3CMVEBVB7CMV_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 CMV EBV B7 CMV, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 18 Variable A3CMVEBVB7CMV_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 CMV EBV B7 CMV, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 19 Variable A3CMVEBVB7CMV_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 CMV EBV B7 CMV, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 20 Variable A3PPI3846_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 21 Variable A3PPI3846_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, CD95+, Freq. of Parent

Variable Number 22 Variable A3PPI3846_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 23 Variable A3PPI3846_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 24 Variable A3PPI3846_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 25 Variable A3PPI3846_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 38-46, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 26 Variable A3PPI7988_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 27 Variable A3PPI7988_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, CD95+, Freq. of Parent

Variable Number 28 Variable A3PPI7988_Q1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 29 Variable A3PPI788_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 30 Variable A3PPI7988_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 31 Variable A3PPI7988_Q4CD45RACCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A3 PPI 79-88, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 32 Variable B7PPI413PPI816_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B7 PPI 4-13 PPI 8-16, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 33 Variable B7PPI413PPI8_16CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B7 PPI 4-13 PPI 8-16, CD95+, Freq. of Parent

Variable Number 34 Variable B7PPI413PPI816_Q1CD45RACCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B7 PPI 4-13 PPI 8-16, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 35 Variable B7PPI413PPI816_Q2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B7 PPI 4-13 PPI 8-16, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 36 Variable B7PPI413PPI816_Q3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B7 PPI 4-13 PPI 8-16, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 37 Variable B7PPI413PPI816_Q4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B7 PPI 4-13 PPI 8-16, Q4: CD45RA- , CCR7-, Freq. of Parent

Data Set Name: tn20_freqphen_insbppiigrpiapp.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Date_of_Draw Type Numeric Length 8 Format MMDDYY10. Label Date of Draw

Variable Number 3 Variable Event_Title Type Character Length 11 Format NONE Label Specimen Collection Form

Variable Number 4 Variable Date_Run Type Numeric Length 8 Format MMDDYY10. Label Date Run

Variable Number 5 Variable CD8_VIA Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset, CD8, VIA subset, Count

Variable Number 6 Variable A1_Flu_CMV_B8_EBV_CMV Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A1 Flu CMV B8 EBV CMV, Count

Variable Number 7 Variable A1_Flu_CMV_B8_EBV_CMV_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A1 Flu CMV B8 EBV CMV, Freq. of Parent

Variable Number 8 Variable A1_Ins_32_40 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A1 Ins 32-40, Count

Variable Number 9 Variable A1_Ins_32_40_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, A1 Ins 32-40, Freq. of Parent

Variable Number 10 Variable B8_PPI_2_10 Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, B8 PPI 2-10, Count

Variable Number 11 Variable B8_PPI_2_10_Freq Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset, B8 PPI 2-10, Freq. of Parent

Variable Number 12 Variable A1FluCMVB8EBVCMV_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV B8 EBV CMV, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 13 Variable A1FluCMVB8EBVCMV_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV B8 EBV CMV, CD95+, Freq. of Parent

Variable Number 14 Variable A1FluCMVB8EBV_CMVQ1CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV B8 EBV CMV, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 15 Variable A1FluCMVB8EBV_CMVQ2CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV B8 EBV CMV, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 16 Variable A1FluCMVB8EBV_CMVQ3CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV B8 EBV CMV, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 17 Variable A1FluCMVB8EBV_CMVQ4CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Flu CMV B8 EBV CMV, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 18 Variable A1Ins3240_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 19 Variable A1Ins3240_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, CD95+, Freq. of Parent

Variable Number 20 Variable A1Ins3240Q1_CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 21 Variable A1Ins3240Q2_CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 22 Variable A1Ins3240Q3_CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 23 Variable A1Ins3240Q4_CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ A1 Ins 32-40, Q4: CD45RA- , CCR7-, Freq. of Parent

Variable Number 24 Variable B8PPI210_CD45RAnCXCR3p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B8 PPI 2-10, CD45RA-, CXCR3+, Freq. of Parent

Variable Number 25 Variable B8PPI210_CD95p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B8 PPI 2-10, CD95+, Freq. of Parent

Variable Number 26 Variable B8PPI210Q1_CD45RAnCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B8 PPI 2-10, Q1: CD45RA- , CCR7+, Freq. of Parent

Variable Number 27 Variable B8PPI210Q2_CD45RApCCR7p Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B8 PPI 2-10, Q2: CD45RA+ , CCR7+, Freq. of Parent

Variable Number 28 Variable B8PPI210Q3_CD45RApCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B8 PPI 2-10, Q3: CD45RA+ , CCR7-, Freq. of Parent

Variable Number 29 Variable B8PPI210Q4_CD45RAnCCR7n Type Numeric Length 8 Format BEST. Label Lymphocytes/ Single Cells/ CD8, Dump subset/ CD8, VIA subset/ B8 PPI 2-10, Q4: CD45RA- , CCR7-, Freq. of Parent

Data Set Name: tn20_hbsab.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Date_of_Draw Type Numeric Length 8 Format MMDDYY10. Label Date of Draw

Variable Number 3 Variable Event_Title Type Character Length 11 Format NONE Label Specimen Collection Form

Variable Number 4 Variable SampleMaskID Type Character Length 10 Format NONE Label Sample Mask ID#

Variable Number 5 Variable HBsAb Type Character Length 21 Format NONE Label Hepatitis B surface antibody result (mIU/mL)

Variable Number 6 Variable plateID Type Numeric Length 8 Format BEST. Label Plate ID

Data Set Name: tn20_initialvisit.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Visit_Dt Type Numeric Length 8 Format MMDDYY10. Label Date of Visit

Variable Number 3 Variable Visit Type Character Length 48 Format NONE Label Visit

Variable Number 4 Variable Datewritteninformedconsentasse Type Numeric Length 8 Format NONE Label Date written informed consent assent obtained Day

Variable Number 5 Variable Datewritteninformedconsentasse2 Type Character Length 3 Format $3. Label Date written informed consent assent obtained Month

Variable Number 6 Variable Datewritteninformedconsentasse3 Type Numeric Length 8 Format NONE Label Date written informed consent assent obtained Year

Variable Number 7 Variable consenttocontinuedstorageofres Type Character Length 3 Format $3. Label On the consent form did the participantparticipants legal guardian consent to continued storage of residual blood samples in the NIDDK Repository after TrialNet has ended

Variable Number 8 Variable WastheVolunteerUnderstandingAs Type Character Length 3 Format $3. Label Was the Volunteer Understanding Assessment Completed

Variable Number 9 Variable AddisonsDisease Type Character Length 2 Format $2. Label Addisons Disease

Variable Number 10 Variable AddisonsDiseaseDateofDiagnosis Type Numeric Length 8 Format NONE Label Addisons Disease Date of Diagnosis Day

Variable Number 11 Variable AddisonsDiseaseDateofDiagnosis2 Type Character Length 1 Format $1. Label Addisons Disease Date of Diagnosis Month

Variable Number 12 Variable AddisonsDiseaseDateofDiagnosis3 Type Numeric Length 8 Format NONE Label Addisons Disease Date of Diagnosis Year

Variable Number 13 Variable Alopecia Type Character Length 2 Format $2. Label Alopecia

Variable Number 14 Variable AlopeciaDateofDiagnosisDay Type Numeric Length 8 Format NONE Label Alopecia Date of Diagnosis Day

Variable Number 15 Variable AlopeciaDateofDiagnosisMonth Type Character Length 1 Format $1. Label Alopecia Date of Diagnosis Month

Variable Number 16 Variable AlopeciaDateofDiagnosisYear Type Numeric Length 8 Format NONE Label Alopecia Date of Diagnosis Year

Variable Number 17 Variable CeliacDisease Type Character Length 2 Format $2. Label Celiac Disease

Variable Number 18 Variable CeliacDiseaseDateofDiagnosisDa Type Numeric Length 8 Format NONE Label Celiac Disease Date of Diagnosis Day

Variable Number 19 Variable CeliacDiseaseDateofDiagnosisMo Type Character Length 1 Format $1. Label Celiac Disease Date of Diagnosis Month

Variable Number 20 Variable CeliacDiseaseDateofDiagnosisYe Type Numeric Length 8 Format NONE Label Celiac Disease Date of Diagnosis Year

Variable Number 21 Variable GravesDisease Type Character Length 2 Format $2. Label Graves Disease

Variable Number 22 Variable GravesDiseaseDateofDiagnosisDa Type Numeric Length 8 Format NONE Label Graves Disease Date of Diagnosis Day

Variable Number 23 Variable GravesDiseaseDateofDiagnosisMo Type Character Length 1 Format $1. Label Graves Disease Date of Diagnosis Month

Variable Number 24 Variable GravesDiseaseDateofDiagnosisYe Type Numeric Length 8 Format NONE Label Graves Disease Date of Diagnosis Year

Variable Number 25 Variable HypogonadismorPrematureMenopau Type Character Length 2 Format $2. Label Hypogonadism or Premature Menopause

Variable Number 26 Variable HypogonadismorPrematureMenopau2 Type Numeric Length 8 Format NONE Label Hypogonadism or Premature Menopause Date of Diagnosis Day

Variable Number 27 Variable HypogonadismorPrematureMenopau3 Type Character Length 1 Format $1. Label Hypogonadism or Premature Menopause Date of Diagnosis Month

Variable Number 28 Variable HypogonadismorPrematureMenopau4 Type Numeric Length 8 Format NONE Label Hypogonadism or Premature Menopause Date of Diagnosis Year

Variable Number 29 Variable Hypoparathyroidism Type Character Length 2 Format $2. Label Hypoparathyroidism

Variable Number 30 Variable HypoparathyroidismDateofDiagno Type Numeric Length 8 Format NONE Label Hypoparathyroidism Date of Diagnosis Day

Variable Number 31 Variable HypoparathyroidismDateofDiagno2 Type Character Length 1 Format $1. Label Hypoparathyroidism Date of Diagnosis Month

Variable Number 32 Variable HypoparathyroidismDateofDiagno3 Type Numeric Length 8 Format NONE Label Hypoparathyroidism Date of Diagnosis Year

Variable Number 33 Variable AutoimmuneThyroidDisease Type Character Length 3 Format $3. Label Autoimmune Thyroid Disease

Variable Number 34 Variable AutoimmuneThyroidDiseaseDateof Type Numeric Length 8 Format NONE Label Autoimmune Thyroid Disease Date of Diagnosis Day

Variable Number 35 Variable AutoimmuneThyroidDiseaseDateof2 Type Character Length 3 Format $3. Label Autoimmune Thyroid Disease Date of Diagnosis Month

Variable Number 36 Variable AutoimmuneThyroidDiseaseDateof3 Type Numeric Length 8 Format NONE Label Autoimmune Thyroid Disease Date of Diagnosis Year

Variable Number 37 Variable MHInflammatoryBowelDisease Type Character Length 2 Format $2. Label MHInflammatory Bowel Disease

Variable Number 38 Variable MHInflammatoryBowelDiseaseDay Type Numeric Length 8 Format NONE Label MHInflammatory Bowel Disease Day

Variable Number 39 Variable MHInflammatoryBowelDiseaseMont Type Character Length 1 Format $1. Label MHInflammatory Bowel Disease Month

Variable Number 40 Variable MHInflammatoryBowelDiseaseYear Type Numeric Length 8 Format NONE Label MHInflammatory Bowel Disease Year

Variable Number 41 Variable Lupus Type Character Length 2 Format $2. Label Lupus

Variable Number 42 Variable LupusDateofDiagnosisDay Type Numeric Length 8 Format NONE Label Lupus Date of Diagnosis Day

Variable Number 43 Variable LupusDateofDiagnosisMonth Type Character Length 1 Format $1. Label Lupus Date of Diagnosis Month

Variable Number 44 Variable LupusDateofDiagnosisYear Type Numeric Length 8 Format NONE Label Lupus Date of Diagnosis Year

Variable Number 45 Variable MultipleSclerosis Type Character Length 2 Format $2. Label Multiple Sclerosis

Variable Number 46 Variable MultipleSclerosisDateofDiagnos Type Numeric Length 8 Format NONE Label Multiple Sclerosis Date of Diagnosis Day

Variable Number 47 Variable MultipleSclerosisDateofDiagnos2 Type Character Length 1 Format $1. Label Multiple Sclerosis Date of Diagnosis Month

Variable Number 48 Variable MultipleSclerosisDateofDiagnos3 Type Numeric Length 8 Format NONE Label Multiple Sclerosis Date of Diagnosis Year

Variable Number 49 Variable PerniciousAnemia Type Character Length 2 Format $2. Label Pernicious Anemia

Variable Number 50 Variable PerniciousAnemiaDateofDiagnosi Type Numeric Length 8 Format NONE Label Pernicious Anemia Date of Diagnosis Day

Variable Number 51 Variable PerniciousAnemiaDateofDiagnosi2 Type Character Length 1 Format $1. Label Pernicious Anemia Date of Diagnosis Month

Variable Number 52 Variable PerniciousAnemiaDateofDiagnosi3 Type Numeric Length 8 Format NONE Label Pernicious Anemia Date of Diagnosis Year

Variable Number 53 Variable Psoriasis Type Character Length 2 Format $2. Label Psoriasis

Variable Number 54 Variable PsoriasisDateofDiagnosisDay Type Numeric Length 8 Format NONE Label Psoriasis Date of Diagnosis Day

Variable Number 55 Variable PsoriasisDateofDiagnosisMonth Type Character Length 1 Format $1. Label Psoriasis Date of Diagnosis Month

Variable Number 56 Variable PsoriasisDateofDiagnosisYear Type Numeric Length 8 Format NONE Label Psoriasis Date of Diagnosis Year

Variable Number 57 Variable RheumatologicDisease Type Character Length 2 Format $2. Label Rheumatologic Disease

Variable Number 58 Variable RheumatologicDiseaseDateofDiag Type Numeric Length 8 Format NONE Label Rheumatologic Disease Date of Diagnosis Day

Variable Number 59 Variable RheumatologicDiseaseDateofDiag2 Type Character Length 1 Format $1. Label Rheumatologic Disease Date of Diagnosis Month

Variable Number 60 Variable RheumatologicDiseaseDateofDiag3 Type Numeric Length 8 Format NONE Label Rheumatologic Disease Date of Diagnosis Year

Variable Number 61 Variable Vitiligo Type Character Length 3 Format $3. Label Vitiligo

Variable Number 62 Variable VitiligoDateofDiagnosisDay Type Numeric Length 8 Format NONE Label Vitiligo Date of Diagnosis Day

Variable Number 63 Variable VitiligoDateofDiagnosisMonth Type Character Length 3 Format $3. Label Vitiligo Date of Diagnosis Month

Variable Number 64 Variable VitiligoDateofDiagnosisYear Type Numeric Length 8 Format NONE Label Vitiligo Date of Diagnosis Year

Variable Number 65 Variable OtherDisease1_1 Type Character Length 3 Format $3. Label Other Disease

Variable Number 66 Variable OtherDiseaseSpecify1_1 Type Character Length 11 Format $11. Label Other Disease Specify

Variable Number 67 Variable OtherDiseaseDateofDiagnosis1_1 Type Numeric Length 8 Format NONE Label Other Disease Date of Diagnosis Day

Variable Number 68 Variable OtherDiseaseDateofDiagnosis1_2 Type Character Length 3 Format $3. Label Other Disease Date of Diagnosis Month

Variable Number 69 Variable OtherDiseaseDateofDiagnosis1_3 Type Numeric Length 8 Format NONE Label Other Disease Date of Diagnosis Year

Variable Number 70 Variable Frequentotherinfections Type Character Length 1 Format $1. Label Frequent other infections

Variable Number 71 Variable FrequentotherinfectionsYes Type Character Length 1 Format $1. Label Frequent other infections Yes

Variable Number 72 Variable Hastheparticipantusedantibioti Type Character Length 3 Format $3. Label Has the participant used antibiotics in the past 3 months

Variable Number 73 Variable Hastheparticipantusedantibioti2 Type Character Length 1 Format $1. Label Has the participant used antibiotics in the past 3 months Yes

Variable Number 74 Variable firstorseconddegreerelativesbe Type Character Length 3 Format $3. Label Have any of your first or second degree relatives been diagnosed with Type 1 Diabetes T1D since the completion of the Natural History Family History Form NH01F

Variable Number 75 Variable RelativewithType1Diabetes1_1 Type Character Length 22 Format $22. Label Relative with Type 1 Diabetes

Variable Number 76 Variable SexofRelative1_1 Type Character Length 6 Format $6. Label Sex of Relative

Variable Number 77 Variable CurrentAgeofRelative1_1 Type Numeric Length 8 Format NONE Label Current Age of Relative

Variable Number 78 Variable AgeofT1DOnsetinRelative1_1 Type Numeric Length 8 Format NONE Label Age of T1D Onset in Relative

Variable Number 79 Variable AgeRelativeStartedInsulin1_1 Type Numeric Length 8 Format NONE Label Age Relative Started Insulin

Variable Number 80 Variable Comments1_1 Type Character Length 10 Format $10. Label Comments

Variable Number 81 Variable RelativewithType1Diabetes2_1 Type Character Length 14 Format $14. Label Relative with Type 1 Diabetes

Variable Number 82 Variable SexofRelative2_1 Type Character Length 6 Format $6. Label Sex of Relative

Variable Number 83 Variable CurrentAgeofRelative2_1 Type Numeric Length 8 Format NONE Label Current Age of Relative

Variable Number 84 Variable AgeofT1DOnsetinRelative2_1 Type Numeric Length 8 Format NONE Label Age of T1D Onset in Relative

Variable Number 85 Variable AgeRelativeStartedInsulin2_1 Type Numeric Length 8 Format NONE Label Age Relative Started Insulin

Variable Number 86 Variable Comments2_1 Type Character Length 1 Format $1. Label Comments

Variable Number 87 Variable RelativewithType1Diabetes3_1 Type Character Length 14 Format $14. Label Relative with Type 1 Diabetes

Variable Number 88 Variable SexofRelative3_1 Type Character Length 6 Format $6. Label Sex of Relative

Variable Number 89 Variable CurrentAgeofRelative3_1 Type Numeric Length 8 Format NONE Label Current Age of Relative

Variable Number 90 Variable AgeofT1DOnsetinRelative3_1 Type Numeric Length 8 Format NONE Label Age of T1D Onset in Relative

Variable Number 91 Variable AgeRelativeStartedInsulin3_1 Type Numeric Length 8 Format NONE Label Age Relative Started Insulin

Variable Number 92 Variable Comments3_1 Type Character Length 8 Format $8. Label Comments

Variable Number 93 Variable Hasanyoneintheparticipantfamil Type Character Length 7 Format $7. Label Has anyone in the participants family first or second degree relatives only ever been diagnosed with an autoimmune diseases

Variable Number 94 Variable Hastheparticipanteverbeendiagn Type Character Length 3 Format $3. Label Has the participant ever been diagnosed with an autoimmune diseases

Variable Number 95 Variable ADHAddisonsDisease Type Character Length 2 Format $2. Label ADH Addisons Disease

Variable Number 96 Variable ADHAddisonsDiseaseDateofDiagno Type Numeric Length 8 Format NONE Label ADH Addisons Disease Date of Diagnosis Day

Variable Number 97 Variable ADHAddisonsDiseaseDateofDiagno2 Type Character Length 1 Format $1. Label ADH Addisons Disease Date of Diagnosis Month

Variable Number 98 Variable ADHAddisonsDiseaseDateofDiagno3 Type Numeric Length 8 Format NONE Label ADH Addisons Disease Date of Diagnosis Year

Variable Number 99 Variable ADHAlopecia Type Character Length 3 Format $3. Label ADH Alopecia

Variable Number 100 Variable ADHAlopeciaDateofDiagnosisDay Type Numeric Length 8 Format NONE Label ADH Alopecia Date of Diagnosis Day

Variable Number 101 Variable ADHAlopeciaDateofDiagnosisMont Type Character Length 3 Format $3. Label ADH Alopecia Date of Diagnosis Month

Variable Number 102 Variable ADHAlopeciaDateofDiagnosisYear Type Numeric Length 8 Format NONE Label ADH Alopecia Date of Diagnosis Year

Variable Number 103 Variable ADHCeliacDisease Type Character Length 3 Format $3. Label ADH Celiac Disease

Variable Number 104 Variable ADHCeliacDiseaseDateofDiagnosi Type Numeric Length 8 Format NONE Label ADH Celiac Disease Date of Diagnosis Day

Variable Number 105 Variable ADHCeliacDiseaseDateofDiagnosi2 Type Character Length 3 Format $3. Label ADH Celiac Disease Date of Diagnosis Month

Variable Number 106 Variable ADHCeliacDiseaseDateofDiagnosi3 Type Numeric Length 8 Format NONE Label ADH Celiac Disease Date of Diagnosis year

Variable Number 107 Variable ADHGravesDisease Type Character Length 3 Format $3. Label ADH Graves Disease

Variable Number 108 Variable ADHGravesDiseaseDateofDiagnosi Type Numeric Length 8 Format NONE Label ADH Graves Disease Date of Diagnosis Day

Variable Number 109 Variable ADHGravesDiseaseDateofDiagnosi2 Type Character Length 1 Format $1. Label ADH Graves Disease Date of Diagnosis Month

Variable Number 110 Variable ADHGravesDiseaseDateofDiagnosi3 Type Numeric Length 8 Format NONE Label ADH Graves Disease Date of Diagnosis Year

Variable Number 111 Variable ADHHypogonadismorPrematureMeno Type Character Length 3 Format $3. Label ADH Hypogonadism or Premature Menopause

Variable Number 112 Variable ADHHypogonadismorPrematureMeno2 Type Numeric Length 8 Format NONE Label ADH Hypogonadism or Premature Menopause Date of Diagnosis Day

Variable Number 113 Variable ADHHypogonadismorPrematureMeno3 Type Character Length 3 Format $3. Label ADH Hypogonadism or Premature Menopause Date of Diagnosis Month

Variable Number 114 Variable ADHHypogonadismorPrematureMeno4 Type Numeric Length 8 Format NONE Label ADH Hypogonadism or Premature Menopause Date of Diagnosis Year

Variable Number 115 Variable ADHHypoparathyroidism Type Character Length 3 Format $3. Label ADH Hypoparathyroidism

Variable Number 116 Variable ADHHypoparathyroidismDateofDia Type Numeric Length 8 Format NONE Label ADH Hypoparathyroidism Date of Diagnosis Day

Variable Number 117 Variable ADHHypoparathyroidismDateofDia2 Type Character Length 1 Format $1. Label ADH Hypoparathyroidism Date of Diagnosis Month

Variable Number 118 Variable ADHHypoparathyroidismDateofDia3 Type Numeric Length 8 Format NONE Label ADH Hypoparathyroidism Date of Diagnosis Year

Variable Number 119 Variable ADHAutoimmuneThyroidDisease Type Character Length 3 Format $3. Label ADH Autoimmune Thyroid Disease

Variable Number 120 Variable ADHAutoimmuneThyroidDiseaseDat Type Numeric Length 8 Format NONE Label ADH Autoimmune Thyroid Disease Date of Diagnosis Day

Variable Number 121 Variable ADHAutoimmuneThyroidDiseaseDat2 Type Character Length 3 Format $3. Label ADH Autoimmune Thyroid Disease Date of Diagnosis Month

Variable Number 122 Variable ADHAutoimmuneThyroidDiseaseDat3 Type Numeric Length 8 Format NONE Label ADH Autoimmune Thyroid Disease Date of Diagnosis Year

Variable Number 123 Variable ADHInflammatoryBowelDisease Type Character Length 3 Format $3. Label ADH Inflammatory Bowel Disease

Variable Number 124 Variable ADHInflammatoryBowelDiseaseDat Type Numeric Length 8 Format NONE Label ADH Inflammatory Bowel Disease Date of Diagnosis Day

Variable Number 125 Variable ADHInflammatoryBowelDiseaseDat2 Type Character Length 1 Format $1. Label ADH Inflammatory Bowel Disease Date of Diagnosis Month

Variable Number 126 Variable ADHInflammatoryBowelDiseaseDat3 Type Numeric Length 8 Format NONE Label ADH Inflammatory Bowel Disease Date of Diagnosis Year

Variable Number 127 Variable ADHLupus Type Character Length 3 Format $3. Label ADH Lupus

Variable Number 128 Variable ADHLupusDateofDiagnosisDay Type Numeric Length 8 Format NONE Label ADH Lupus Date of Diagnosis Day

Variable Number 129 Variable ADHLupusDateofDiagnosisMonth Type Character Length 1 Format $1. Label ADH Lupus Date of Diagnosis Month

Variable Number 130 Variable ADHLupusDateofDiagnosisYear Type Numeric Length 8 Format NONE Label ADH Lupus Date of Diagnosis Year

Variable Number 131 Variable ADHMultipleSclerosis Type Character Length 3 Format $3. Label ADH Multiple Sclerosis

Variable Number 132 Variable ADHMultipleSclerosisDateofDiag Type Numeric Length 8 Format NONE Label ADH Multiple Sclerosis Date of Diagnosis Day

Variable Number 133 Variable ADHMultipleSclerosisDateofDiag2 Type Character Length 3 Format $3. Label ADH Multiple Sclerosis Date of Diagnosis Month

Variable Number 134 Variable ADHMultipleSclerosisDateofDiag3 Type Numeric Length 8 Format NONE Label ADH Multiple Sclerosis Date of Diagnosis Year

Variable Number 135 Variable ADHPerniciousAnemia Type Character Length 2 Format $2. Label ADH Pernicious Anemia

Variable Number 136 Variable ADHPerniciousAnemiaDateofDiagn Type Numeric Length 8 Format NONE Label ADH Pernicious Anemia Date of Diagnosis Day

Variable Number 137 Variable ADHPerniciousAnemiaDateofDiagn2 Type Character Length 1 Format $1. Label ADH Pernicious Anemia Date of Diagnosis Month

Variable Number 138 Variable ADHPerniciousAnemiaDateofDiagn3 Type Numeric Length 8 Format NONE Label ADH Pernicious Anemia Date of Diagnosis Year

Variable Number 139 Variable ADHPsoriasis Type Character Length 3 Format $3. Label ADH Psoriasis

Variable Number 140 Variable ADHPsoriasisDateofDiagnosisDay Type Numeric Length 8 Format NONE Label ADH Psoriasis Date of Diagnosis Day

Variable Number 141 Variable ADHPsoriasisDateofDiagnosisMon Type Character Length 3 Format $3. Label ADH Psoriasis Date of Diagnosis Month

Variable Number 142 Variable ADHPsoriasisDateofDiagnosisYea Type Numeric Length 8 Format NONE Label ADH Psoriasis Date of Diagnosis Year

Variable Number 143 Variable ADHRheumatologicDisease Type Character Length 3 Format $3. Label ADH Rheumatologic Disease

Variable Number 144 Variable ADHRheumatologicDiseaseDateofD Type Numeric Length 8 Format NONE Label ADH Rheumatologic Disease Date of Diagnosis Day

Variable Number 145 Variable ADHRheumatologicDiseaseDateofD2 Type Character Length 3 Format $3. Label ADH Rheumatologic Disease Date of Diagnosis Month

Variable Number 146 Variable ADHRheumatologicDiseaseDateofD3 Type Numeric Length 8 Format NONE Label ADH Rheumatologic Disease Date of Diagnosis Year

Variable Number 147 Variable ADHVitiligo Type Character Length 3 Format $3. Label ADH Vitiligo

Variable Number 148 Variable ADHVitiligoDateofDiagnosisDay Type Numeric Length 8 Format NONE Label ADH Vitiligo Date of Diagnosis Day

Variable Number 149 Variable ADHVitiligoDateofDiagnosisMont Type Character Length 1 Format $1. Label ADH Vitiligo Date of Diagnosis Month

Variable Number 150 Variable ADHVitiligoDateofDiagnosisYear Type Numeric Length 8 Format NONE Label ADH Vitiligo Date of Diagnosis Year

Variable Number 151 Variable ADHOther1_1 Type Character Length 3 Format $3. Label ADH Other

Variable Number 152 Variable ADHOtherSpecify1_1 Type Character Length 35 Format $35. Label ADH Other Specify

Variable Number 153 Variable ADHOtherDateofDiagnosisDay1_1 Type Numeric Length 8 Format NONE Label ADH Other Date of Diagnosis Day

Variable Number 154 Variable ADHOtherDateofDiagnosisMont1_1 Type Character Length 3 Format $3. Label ADH Other Date of Diagnosis Month

Variable Number 155 Variable ADHOtherDateofDiagnosisYear1_1 Type Numeric Length 8 Format NONE Label ADH Other Date of Diagnosis Year

Variable Number 156 Variable ADHOther2_1 Type Character Length 3 Format $3. Label ADH Other

Variable Number 157 Variable ADHOtherSpecify2_1 Type Character Length 20 Format $20. Label ADH Other Specify

Variable Number 158 Variable ADHOtherDateofDiagnosisDay2_1 Type Numeric Length 8 Format NONE Label ADH Other Date of Diagnosis Day

Variable Number 159 Variable ADHOtherDateofDiagnosisMont2_1 Type Character Length 3 Format $3. Label ADH Other Date of Diagnosis Month

Variable Number 160 Variable ADHOtherDateofDiagnosisYear2_1 Type Numeric Length 8 Format NONE Label ADH Other Date of Diagnosis Year

Variable Number 161 Variable Doestheparticipanthavereproduc Type Character Length 3 Format $3. Label Does the participant have reproductive or childbearing potential

Variable Number 162 Variable Wasaurinepregnancytestcomplete Type Character Length 3 Format $3. Label Was a urine pregnancy test completed at this visit

Variable Number 163 Variable Wasthetestresultpositive Type Character Length 2 Format $2. Label Was the test result positive

Variable Number 164 Variable bloodpressureSystolic Type Numeric Length 8 Format NONE Label blood pressure Systolic

Variable Number 165 Variable bloodpressureDiastolic Type Numeric Length 8 Format NONE Label blood pressure Diastolic

Variable Number 166 Variable bloodpressureDiastolicNotDone Type Numeric Length 8 Format NONE Label blood pressure Diastolic Not Done

Variable Number 167 Variable Weight Type Numeric Length 8 Format NONE Label Weight

Variable Number 168 Variable WeightNotDone Type Numeric Length 8 Format NONE Label Weight Not Done

Variable Number 169 Variable Height Type Numeric Length 8 Format NONE Label Height

Variable Number 170 Variable HeightNotDone Type Numeric Length 8 Format NONE Label Height Not Done

Variable Number 171 Variable Wasaphysicalexamperformedatthi Type Character Length 3 Format $3. Label Was a physical exam performed at this visit

Variable Number 172 Variable HEENT Type Character Length 8 Format $8. Label HEENT

Variable Number 173 Variable HEENTABNORMAL Type Character Length 122 Format $122. Label HEENT ABNORMAL

Variable Number 174 Variable NeckThyroid Type Character Length 8 Format $8. Label NeckThyroid

Variable Number 175 Variable NeckThyroidAbnormal Type Character Length 112 Format $112. Label NeckThyroid abnormal

Variable Number 176 Variable Heart Type Character Length 6 Format $6. Label Heart

Variable Number 177 Variable HeartAbnormal Type Character Length 1 Format $1. Label Heart Abnormal

Variable Number 178 Variable Lungs Type Character Length 8 Format $8. Label Lungs

Variable Number 179 Variable LungsAbnormal Type Character Length 98 Format $98. Label Lungs Abnormal

Variable Number 180 Variable Pulses Type Character Length 12 Format $12. Label Pulses

Variable Number 181 Variable PulsesAbnormal Type Character Length 40 Format $40. Label Pulses Abnormal

Variable Number 182 Variable Musculoskeletal Type Character Length 8 Format $8. Label Musculoskeletal

Variable Number 183 Variable MusculoskeletalAbnormal Type Character Length 35 Format $35. Label Musculoskeletal Abnormal

Variable Number 184 Variable Genitalia Type Character Length 12 Format $12. Label Genitalia

Variable Number 185 Variable GenitaliaAbnormal Type Character Length 1 Format $1. Label Genitalia Abnormal

Variable Number 186 Variable Abdomen Type Character Length 8 Format $8. Label Abdomen

Variable Number 187 Variable AbdomenAbnormal Type Character Length 145 Format $145. Label Abdomen Abnormal

Variable Number 188 Variable Lymphatics Type Character Length 12 Format $12. Label Lymphatics

Variable Number 189 Variable LymphaticsAbnormal Type Character Length 1 Format $1. Label Lymphatics Abnormal

Variable Number 190 Variable Skin Type Character Length 8 Format $8. Label Skin

Variable Number 191 Variable SkinAbnormal Type Character Length 85 Format $85. Label Skin Abnormal

Variable Number 192 Variable Neurologic Type Character Length 8 Format $8. Label Neurologic

Variable Number 193 Variable NeurologicAbnormal Type Character Length 4 Format $4. Label Neurologic Abnormal

Variable Number 194 Variable OtherinPhysicalExam1_1 Type Character Length 12 Format $12. Label Other in Physical Exam

Variable Number 195 Variable OtherinPhysicalExamAbnormal1_1 Type Character Length 49 Format $49. Label Other in Physical Exam Abnormal

Variable Number 196 Variable OtherinPhysicalExamSpecify1_1 Type Character Length 49 Format $49. Label Other in Physical Exam Specify

Variable Number 197 Variable RandomFingerstickGlu Type Numeric Length 8 Format NONE Label Random fingerstick glucose per clinic meter

Variable Number 198 Variable RandomFingerstickGluNotDone Type Numeric Length 8 Format NONE Label Random fingerstick glucose per clinic meter Not Done

Data Set Name: tn20_participantsitetransfer.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Visit_Dt Type Numeric Length 8 Format MMDDYY10. Label Effective date for transfer

Variable Number 3 Variable Visit Type Character Length 8 Format $8. Label Visit

Variable Number 4 Variable Old_Site_Number Type Character Length 91 Format NONE Label Old Primary Site Number

Variable Number 5 Variable Current_Site_Number Type Character Length 91 Format NONE Label Current Site Number

Variable Number 6 Variable Reason_for_Transfer Type Character Length 100 Format $100. Label Reason for Transfer

Variable Number 7 Variable Other_Specify Type Character Length 2000 Format NONE Label If Other, specify

Data Set Name: tn20_protocoldeviation.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Visit_Dt Type Numeric Length 8 Format MMDDYY10. Label Date of Visit

Variable Number 3 Variable Visit Type Character Length 48 Format NONE Label Visit

Variable Number 4 Variable DateProtocolDeviationDay Type Numeric Length 8 Format NONE Label Date protocol deviation occurred Day

Variable Number 5 Variable DateProtocolDeviationMonth Type Character Length 3 Format $3. Label Date protocol deviation occurred Month

Variable Number 6 Variable DateProtocolDeviationYear Type Numeric Length 8 Format NONE Label Date protocol deviation occurred Year

Variable Number 7 Variable VisitProtocolDeviationOccurred Type Character Length 29 Format $29. Label Visit protocol deviation occurred

Variable Number 8 Variable ProtocolDeviationReasons Type Character Length 116 Format $116. Label Protocol deviation check one

Variable Number 9 Variable CodeFederalregulations Type Character Length 1 Format $1. Label Code of Federal Regulations not followed check one

Variable Number 10 Variable Randomizationofineligiblesubje Type Character Length 82 Format $82. Label Randomization of ineligible subject

Variable Number 11 Variable Samplescollectedouts_OGTT Type Numeric Length 8 Format NONE Label Samplescollectedouts: OGTT

Variable Number 12 Variable Samplescollectedouts_HbA1c Type Numeric Length 8 Format NONE Label Samplescollectedouts: HbA1c

Variable Number 13 Variable Samplescollectedouts_Autoantibod Type Numeric Length 8 Format NONE Label Samplescollectedouts: Autoantibodies

Variable Number 14 Variable Samplescollectedouts_PBMC Type Numeric Length 8 Format NONE Label Samplescollectedouts: PBMC

Variable Number 15 Variable Samplescollectedouts_DNA Type Numeric Length 8 Format NONE Label Samplescollectedouts: DNA

Variable Number 16 Variable Samplescollectedouts_RNA Type Numeric Length 8 Format NONE Label Samplescollectedouts: RNA

Variable Number 17 Variable Samplescollectedouts_Mechanistic Type Numeric Length 8 Format NONE Label Samplescollectedouts: Mechanistic Serum

Variable Number 18 Variable Requiredsamplescolle_Glucolacons Type Numeric Length 8 Format NONE Label Requiredsamplescolle: Glucola consumed in longer than 5 minutes

Variable Number 19 Variable Requiredsamplescolle_ExceededGlu Type Numeric Length 8 Format NONE Label Requiredsamplescolle: Exceeded Glucola volume limit for participant

Variable Number 20 Variable Requiredsamplescolle_OGTTstarted Type Numeric Length 8 Format NONE Label Requiredsamplescolle: OGTT started after 10AM

Variable Number 21 Variable Requiredsamplescolle_Incorrectdo Type Numeric Length 8 Format NONE Label Requiredsamplescolle: Incorrect dose of Glucola given to participant

Variable Number 22 Variable Requiredsamplescolle_Participant Type Numeric Length 8 Format NONE Label Requiredsamplescolle: Participant did not fast prior to OGTT

Variable Number 23 Variable Requiredsamplescolle_Totalamount Type Numeric Length 8 Format NONE Label Requiredsamplescolle: Total amount of Glucola required to perform OGTT not consumed

Variable Number 24 Variable Requiredsamplescolle_OGTTperform Type Numeric Length 8 Format NONE Label Requiredsamplescolle: OGTT performed on participant with fasting BG ? 250 mg/dL

Variable Number 25 Variable Requiredsamplescolle_Otherdescri Type Numeric Length 8 Format NONE Label Requiredsamplescolle: Other (describe details of deviation in section 4)

Variable Number 26 Variable Samplescollectedando_OGTT Type Numeric Length 8 Format NONE Label Samplescollectedando: OGTT

Variable Number 27 Variable Samplescollectedando_HbA1c Type Numeric Length 8 Format NONE Label Samplescollectedando: HbA1c

Variable Number 28 Variable Samplescollectedando_Autoantibod Type Numeric Length 8 Format NONE Label Samplescollectedando: Autoantibodies

Variable Number 29 Variable Samplescollectedando_PBMC Type Numeric Length 8 Format NONE Label Samplescollectedando: PBMC

Variable Number 30 Variable Samplescollectedando_DNA Type Numeric Length 8 Format NONE Label Samplescollectedando: DNA

Variable Number 31 Variable Samplescollectedando_RNA Type Numeric Length 8 Format NONE Label Samplescollectedando: RNA

Variable Number 32 Variable Samplescollectedando_Mechanistic Type Numeric Length 8 Format NONE Label Samplescollectedando: Mechanistic Serum

Variable Number 33 Variable Requiredstudyvisitpr_AEsnotasses Type Numeric Length 8 Format NONE Label Requiredstudyvisitpr: AEs not assessed

Variable Number 34 Variable Requiredstudyvisitpr_Physicalexa Type Numeric Length 8 Format NONE Label Requiredstudyvisitpr: Physical exam not performed

Variable Number 35 Variable Requiredstudyvisitpr_Vitalsignsn Type Numeric Length 8 Format NONE Label Requiredstudyvisitpr: Vital signs not performed

Variable Number 36 Variable Requiredstudyvisitpr_Studydrugno Type Numeric Length 8 Format NONE Label Requiredstudyvisitpr: Study drug not dispensed

Variable Number 37 Variable Requiredstudyvisitpr_Medicalhist Type Numeric Length 8 Format NONE Label Requiredstudyvisitpr: Medical history not reviewed

Variable Number 38 Variable Requiredstudyvisitpr_Pregnancyte Type Numeric Length 8 Format NONE Label Requiredstudyvisitpr: Pregnancy test not performed

Variable Number 39 Variable Requiredstudyvisitpr_Studydrugco Type Numeric Length 8 Format NONE Label Requiredstudyvisitpr: Study drug compliance not assessed

Variable Number 40 Variable Requiredstudyvisitpr_Otherdescri Type Numeric Length 8 Format NONE Label Requiredstudyvisitpr: Other (describe details of deviation in section 4)

Variable Number 41 Variable Requiredsamplesnotco_OGTT Type Numeric Length 8 Format NONE Label Requiredsamplesnotco: OGTT

Variable Number 42 Variable Requiredsamplesnotco_HbA1c Type Numeric Length 8 Format NONE Label Requiredsamplesnotco: HbA1c

Variable Number 43 Variable Requiredsamplesnotco_Autoantibod Type Numeric Length 8 Format NONE Label Requiredsamplesnotco: Autoantibodies

Variable Number 44 Variable Requiredsamplesnotco_PBMC Type Numeric Length 8 Format NONE Label Requiredsamplesnotco: PBMC

Variable Number 45 Variable Requiredsamplesnotco_DNA Type Numeric Length 8 Format NONE Label Requiredsamplesnotco: DNA

Variable Number 46 Variable Requiredsamplesnotco_RNA Type Numeric Length 8 Format NONE Label Requiredsamplesnotco: RNA

Variable Number 47 Variable Requiredsamplesnotco_Mechanistic Type Numeric Length 8 Format NONE Label Requiredsamplesnotco: Mechanistic Serum

Variable Number 48 Variable Samplescollectediner_OGTT Type Numeric Length 8 Format NONE Label Samplescollectediner: OGTT

Variable Number 49 Variable Samplescollectediner_HbA1c Type Numeric Length 8 Format NONE Label Samplescollectediner: HbA1c

Variable Number 50 Variable Samplescollectediner_Autoantibod Type Numeric Length 8 Format NONE Label Samplescollectediner: Autoantibodies

Variable Number 51 Variable Samplescollectediner_PBMC Type Numeric Length 8 Format NONE Label Samplescollectediner: PBMC

Variable Number 52 Variable Samplescollectediner_DNA Type Numeric Length 8 Format NONE Label Samplescollectediner: DNA

Variable Number 53 Variable Samplescollectediner_RNA Type Numeric Length 8 Format NONE Label Samplescollectediner: RNA

Variable Number 54 Variable Samplescollectediner_Mechanistic Type Numeric Length 8 Format NONE Label Samplescollectediner: Mechanistic Serum

Variable Number 55 Variable OtherSpecifydeviation Type Character Length 322 Format $322. Label Specify deviation

Variable Number 56 Variable Sampleslost_OGTT Type Numeric Length 8 Format NONE Label Sampleslost: OGTT

Variable Number 57 Variable Sampleslost_HbA1c Type Numeric Length 8 Format NONE Label Sampleslost: HbA1c

Variable Number 58 Variable Sampleslost_Autoantibodies Type Numeric Length 8 Format NONE Label Sampleslost: Autoantibodies

Variable Number 59 Variable Sampleslost_PBMC Type Numeric Length 8 Format NONE Label Sampleslost: PBMC

Variable Number 60 Variable Sampleslost_DNA Type Numeric Length 8 Format NONE Label Sampleslost: DNA

Variable Number 61 Variable Sampleslost_RNA Type Numeric Length 8 Format NONE Label Sampleslost: RNA

Variable Number 62 Variable Sampleslost_MechanisticSerum Type Numeric Length 8 Format NONE Label Sampleslost: Mechanistic Serum

Variable Number 63 Variable Studymedicationpharm_Studydrugw1 Type Numeric Length 8 Format NONE Label Studymedicationpharm: Study drug was not dispensed at visit when dispensation was required

Variable Number 64 Variable Studymedicationpharm_Studydrugw2 Type Numeric Length 8 Format NONE Label Studymedicationpharm: Study drug was not returned

Variable Number 65 Variable Studymedicationpharm_Otherdescri Type Numeric Length 8 Format NONE Label Studymedicationpharm: Other (describe details of deviation in section 4)

Variable Number 66 Variable DescriptionDeviationCircumstan Type Character Length 618 Format $618. Label Describe deviation and circumstances

Variable Number 67 Variable CorrectiveActionTaken Type Character Length 313 Format $313. Label Corrective action taken

Variable Number 68 Variable PINotified Type Character Length 3 Format $3. Label Was PI Notified

Data Set Name: tn20_registration.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Date_of_Registration Type Numeric Length 8 Format MMDDYY10. Label Date of Registration

Variable Number 3 Variable Visit Type Character Length 12 Format NONE Label Inital Visit

Variable Number 4 Variable Status Type Character Length 20 Format NONE Label Status

Data Set Name: tn20_researchlabs.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Date_of_Draw Type Numeric Length 8 Format MMDDYY10. Label Date of Draw

Variable Number 3 Variable Event_Title Type Character Length 100 Format NONE Label Specimen Collection Form

Variable Number 4 Variable Spec_Name Type Character Length 250 Format NONE Label Specimen Name

Variable Number 5 Variable SampleMaskID Type Character Length 10 Format NONE Label Sample Mask ID#

Variable Number 6 Variable Test_Name Type Character Length 150 Format NONE Label Test Name

Variable Number 7 Variable Result Type Character Length 1000 Format NONE Label Result

Variable Number 8 Variable Result_Type Type Character Length 6 Format NONE Label Result Type

Variable Number 9 Variable Visit Type Character Length 48 Format NONE Label Visit

Variable Number 10 Variable Date_at_Test_Results_Reported Type Numeric Length 8 Format MMDDYY10. Label Date at Test Results Reported

Variable Number 11 Variable Date_at_Evaluation Type Numeric Length 8 Format MMDDYY10. Label Date at Sample Evaluation

Variable Number 12 Variable Date_Received Type Numeric Length 8 Format MMDDYY10. Label Date when Sample Received at Lab

Variable Number 13 Variable Date_Shipped Type Numeric Length 8 Format MMDDYY10. Label Date when Sample Shipped

Variable Number 14 Variable LabID Type Numeric Length 8 Format NONE Label Numeric code to identify testing Lab

Data Set Name: tn20_studydrug.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Visit_Dt Type Numeric Length 8 Format MMDDYY10. Label Date of Visit

Variable Number 3 Variable Visit Type Character Length 48 Format NONE Label Visit

Variable Number 4 Variable PreDoseGlucose Type Numeric Length 8 Format NONE Label PreDose glucose per clinic meter

Variable Number 5 Variable PreDoseGlucoseNotDone Type Numeric Length 8 Format NONE Label PreDose glucose per clinic meter Not Done

Variable Number 6 Variable GivenStudyDrugDoseInClinic Type Character Length 3 Format $3. Label Was the participant given their study drug dose in clinic

Variable Number 7 Variable StudyDrugDose Type Numeric Length 8 Format NONE Label Enter the dose of study drug given

Variable Number 8 Variable TimeDoseGivenHr Type Numeric Length 8 Format NONE Label Enter the time the dose was given hr

Variable Number 9 Variable TimeDoseGivenMin Type Numeric Length 8 Format NONE Label Enter the time the dose was given min

Variable Number 10 Variable SignsOfHypoglycemia Type Character Length 3 Format $3. Label Were there any signs or symptoms of hypoglycemia during the observation period

Variable Number 11 Variable SignsOfHypoglycemiaDescribe Type Character Length 46 Format $46. Label Were there any signs or symptoms of hypoglycemia during the observation period Describe Symptoms

Variable Number 12 Variable GlucoseValue Type Numeric Length 8 Format NONE Label Were there any signs or symptoms of hypoglycemia during the observation period Glucose Value per clinic meter

Variable Number 13 Variable GlucoseValueNotDone Type Numeric Length 8 Format NONE Label Were there any signs or symptoms of hypoglycemia during the observation period Glucose Value per clinic meter Not Done

Variable Number 14 Variable OtherProblems Type Character Length 3 Format $3. Label Were there any other problems during the observation period

Variable Number 15 Variable OtherProblemsDescribe Type Character Length 248 Format $248. Label Were there any other problems during the observation period Describe problem

Variable Number 16 Variable StudyDrugReturned Type Character Length 3 Format $3. Label Was study drug returned

Variable Number 17 Variable StudyDrugReturnedDay Type Numeric Length 8 Format NONE Label study drug returned day

Variable Number 18 Variable StudyDrugReturnedMonth Type Character Length 3 Format $3. Label study drug returned month

Variable Number 19 Variable StudyDrugReturnedYear Type Numeric Length 8 Format NONE Label study drug returned year

Variable Number 20 Variable CapsulesReturned Type Numeric Length 8 Format NONE Label Number of capsules returned

Variable Number 21 Variable StudyDrugDispensed Type Character Length 3 Format $3. Label Was study drug dispensed

Variable Number 22 Variable StudyDrugDispensedDay Type Numeric Length 8 Format NONE Label Study drug dispensed day

Variable Number 23 Variable StudyDrugDispensedMonth Type Character Length 3 Format $3. Label Study drug dispensed month

Variable Number 24 Variable StudyDrugDispensedYear Type Numeric Length 8 Format NONE Label Study drug dispensed year

Variable Number 25 Variable CapsulesDispensed Type Numeric Length 8 Format NONE Label Number of capsules dispensed

Variable Number 26 Variable ParticipantReceiveStudyDrug Type Character Length 18 Format $18. Label How did the participant receive the study drug

Variable Number 27 Variable RandomizationNumber Type Character Length 5 Format $5. Label Record the Randomization Number used for study drug dispensation

Variable Number 28 Variable MedicationPackNumber1_1 Type Character Length 45 Format $45. Label Medication Pack Number

Variable Number 29 Variable LotNumber1_1 Type Character Length 13 Format $13. Label Lot Number

Variable Number 30 Variable ParticipantDateDispensedDay1_1 Type Numeric Length 8 Format NONE Label Study drug dispensed to the participant Date Dispensed Day

Variable Number 31 Variable ParticipantDateDispensedMon1_1 Type Character Length 3 Format $3. Label Study drug dispensed to the participant Date Dispensed Month

Variable Number 32 Variable ParticipantDateDispensedYea1_1 Type Numeric Length 8 Format NONE Label Study drug dispensed to the participant Date Dispensed Year

Variable Number 33 Variable MedicationPackNumber2_1 Type Character Length 45 Format $45. Label Medication Pack Number

Variable Number 34 Variable LotNumber2_1 Type Character Length 13 Format $13. Label Lot Number

Variable Number 35 Variable ParticipantDateDispensedDay2_1 Type Numeric Length 8 Format NONE Label Study drug dispensed to the participant Date Dispensed Day

Variable Number 36 Variable ParticipantDateDispensedMon2_1 Type Character Length 3 Format $3. Label Study drug dispensed to the participant Date Dispensed Month

Variable Number 37 Variable ParticipantDateDispensedYea2_1 Type Numeric Length 8 Format NONE Label Study drug dispensed to the participant Date Dispensed Year

Variable Number 38 Variable MedicationPackNumber3_1 Type Character Length 45 Format $45. Label Medication Pack Number

Variable Number 39 Variable LotNumber3_1 Type Character Length 13 Format $13. Label Lot Number

Variable Number 40 Variable ParticipantDateDispensedDay3_1 Type Numeric Length 8 Format NONE Label Study drug dispensed to the participant Date Dispensed Day

Variable Number 41 Variable ParticipantDateDispensedMon3_1 Type Character Length 3 Format $3. Label Study drug dispensed to the participant Date Dispensed Month

Variable Number 42 Variable ParticipantDateDispensedYea3_1 Type Numeric Length 8 Format NONE Label Study drug dispensed to the participant Date Dispensed Year

Variable Number 43 Variable MedicationPackNumber4_1 Type Character Length 25 Format $25. Label Medication Pack Number

Variable Number 44 Variable LotNumber4_1 Type Character Length 15 Format $15. Label Lot Number

Variable Number 45 Variable ParticipantDateDispensedDay4_1 Type Numeric Length 8 Format NONE Label Study drug dispensed to the participant Date Dispensed Day

Variable Number 46 Variable ParticipantDateDispensedMon4_1 Type Character Length 3 Format $3. Label Study drug dispensed to the participant Date Dispensed Month

Variable Number 47 Variable ParticipantDateDispensedYea4_1 Type Numeric Length 8 Format NONE Label Study drug dispensed to the participant Date Dispensed Year

Variable Number 48 Variable MedicationPackNumber5_1 Type Character Length 1 Format $1. Label Medication Pack Number

Variable Number 49 Variable LotNumber5_1 Type Character Length 1 Format $1. Label Lot Number

Variable Number 50 Variable ParticipantDateDispensedDay5_1 Type Numeric Length 8 Format NONE Label Study drug dispensed to the participant Date Dispensed Day

Variable Number 51 Variable ParticipantDateDispensedMon5_1 Type Character Length 1 Format $1. Label Study drug dispensed to the participant Date Dispensed Month

Variable Number 52 Variable ParticipantDateDispensedYea5_1 Type Numeric Length 8 Format NONE Label Study drug dispensed to the participant Date Dispensed Year

Variable Number 53 Variable UnusualCircumstances Type Character Length 3 Format $3. Label Were there any unusual circumstances

Variable Number 54 Variable UnusualCircumstancesDescribe Type Character Length 432 Format $432. Label Were there any unusual circumstances If YES Describe

Data Set Name: tn20_studyvisit.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Visit_Dt Type Numeric Length 8 Format MMDDYY10. Label Date of Visit

Variable Number 3 Variable Visit Type Character Length 48 Format NONE Label Visit

Variable Number 4 Variable STHavetherebeenanychangesinhea Type Character Length 3 Format $3. Label ST Have there been any changes in health since the last scheduled visit

Variable Number 5 Variable STHavetherebeenanychangesincon Type Character Length 3 Format $3. Label STHave there been any changes in concomitant medications since the last scheduled visit

Variable Number 6 Variable Doestheparticipanthavereproduc Type Character Length 3 Format $3. Label Does the participant have reproductive or childbearing potential

Variable Number 7 Variable Wasaurinepregnancytestcomplete Type Character Length 3 Format $3. Label Was a urine pregnancy test completed at this visit

Variable Number 8 Variable Wasthetestresultpositive Type Character Length 2 Format $2. Label Was the test result positive

Variable Number 9 Variable STIstheparticipantcurrentlytak Type Character Length 3 Format $3. Label ST Is the participant currently taking study drug

Variable Number 10 Variable STWastheparticipantcontactedat Type Character Length 3 Format $3. Label ST Was the participant contacted at a minimum of every other week between visits

Variable Number 11 Variable bloodpressureSystolic Type Numeric Length 8 Format NONE Label blood pressure Systolic

Variable Number 12 Variable bloodpressureDiastolic Type Numeric Length 8 Format NONE Label blood pressure Diastolic

Variable Number 13 Variable bloodpressureDiastolicNotDone Type Numeric Length 8 Format NONE Label blood pressure Diastolic Not Done

Variable Number 14 Variable Weight Type Numeric Length 8 Format NONE Label Weight

Variable Number 15 Variable WeightNotDone Type Numeric Length 8 Format NONE Label Weight Not Done

Variable Number 16 Variable Height Type Numeric Length 8 Format NONE Label Height

Variable Number 17 Variable HeightNotDone Type Numeric Length 8 Format NONE Label Height Not Done

Variable Number 18 Variable Wasaphysicalexamperformedatthi Type Character Length 3 Format $3. Label Was a physical exam performed at this visit

Variable Number 19 Variable HEENT Type Character Length 12 Format $12. Label HEENT

Variable Number 20 Variable HEENTABNORMAL Type Character Length 150 Format $150. Label HEENT ABNORMAL

Variable Number 21 Variable NeckThyroid Type Character Length 12 Format $12. Label NeckThyroid

Variable Number 22 Variable NeckThyroidAbnormal Type Character Length 218 Format $218. Label NeckThyroid abnormal

Variable Number 23 Variable Heart Type Character Length 12 Format $12. Label Heart

Variable Number 24 Variable HeartAbnormal Type Character Length 14 Format $14. Label Heart Abnormal

Variable Number 25 Variable Lungs Type Character Length 12 Format $12. Label Lungs

Variable Number 26 Variable LungsAbnormal Type Character Length 41 Format $41. Label Lungs Abnormal

Variable Number 27 Variable Pulses Type Character Length 12 Format $12. Label Pulses

Variable Number 28 Variable PulsesAbnormal Type Character Length 1 Format $1. Label Pulses Abnormal

Variable Number 29 Variable Musculoskeletal Type Character Length 12 Format $12. Label Musculoskeletal

Variable Number 30 Variable MusculoskeletalAbnormal Type Character Length 28 Format $28. Label Musculoskeletal Abnormal

Variable Number 31 Variable Genitalia Type Character Length 12 Format $12. Label Genitalia

Variable Number 32 Variable GenitaliaAbnormal Type Character Length 1 Format $1. Label Genitalia Abnormal

Variable Number 33 Variable Abdomen Type Character Length 12 Format $12. Label Abdomen

Variable Number 34 Variable AbdomenAbnormal Type Character Length 95 Format $95. Label Abdomen Abnormal

Variable Number 35 Variable Lymphatics Type Character Length 12 Format $12. Label Lymphatics

Variable Number 36 Variable LymphaticsAbnormal Type Character Length 1 Format $1. Label Lymphatics Abnormal

Variable Number 37 Variable Skin Type Character Length 12 Format $12. Label Skin

Variable Number 38 Variable SkinAbnormal Type Character Length 111 Format $111. Label Skin Abnormal

Variable Number 39 Variable Neurologic Type Character Length 12 Format $12. Label Neurologic

Variable Number 40 Variable NeurologicAbnormal Type Character Length 61 Format $61. Label Neurologic Abnormal

Variable Number 41 Variable OtherinPhysicalExam1_1 Type Character Length 12 Format $12. Label Other in Physical Exam

Variable Number 42 Variable OtherinPhysicalExamAbnormal1_1 Type Character Length 90 Format $90. Label Other in Physical Exam Abnormal

Variable Number 43 Variable OtherinPhysicalExamSpecify1_1 Type Character Length 47 Format $47. Label Other in Physical Exam Specify

Data Set Name: tn20_treatmentstartdate.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable TreatmentAssignDate Type Numeric Length 8 Format MMDDYY10. Label Treatment Assign Date

Variable Number 3 Variable TreatmentStartedDate Type Numeric Length 8 Format MMDDYY10. Label Treatment Started Date

Variable Number 4 Variable TreatmentDesc Type Character Length 500 Format NONE Label Treatment Description

Data Set Name: tn20_treatphaseptcontact.sas7bdat

Variable Number 1 Variable MaskID Type Numeric Length 8 Format NONE Label Participant Mask ID#

Variable Number 2 Variable Visit_Dt Type Numeric Length 8 Format MMDDYY10. Label Date of Visit

Variable Number 3 Variable Visit Type Character Length 48 Format NONE Label Visit

Variable Number 4 Variable ContactDateDay Type Numeric Length 8 Format NONE Label Contact Date Day

Variable Number 5 Variable ContactDateMonth Type Character Length 3 Format $3. Label Contact Date Month

Variable Number 6 Variable ContactDateYear Type Numeric Length 8 Format NONE Label Contact Date Year

Variable Number 7 Variable MethodofContact Type Character Length 12 Format $12. Label Method of Contact

Variable Number 8 Variable MethodofContactOther Type Character Length 184 Format $184. Label Method of Contact Other

Variable Number 9 Variable Informationgatheredfrom Type Character Length 23 Format $23. Label Information gathered from

Variable Number 10 Variable Havetherebeenanychangesinhealt Type Character Length 3 Format $3. Label Have there been any changes in health since the last scheduled visit

Variable Number 11 Variable Havetherebeenanychangesinconco Type Character Length 3 Format $3. Label Have there been any changes in concomitant medication since the last scheduled visit

Variable Number 12 Variable Istheparticipantcurrentlytakin Type Character Length 3 Format $3. Label Is the participant currently taking study drug

Variable Number 13 Variable howmanydoseshastheparticipantm Type Numeric Length 8 Format NONE Label how many doses has the participant missed since the last study visit