

## RADIANT samples and data stored for outside investigators/NIDDK Central Repository

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|-------------------------------|---|
| <b>Samples</b>                | <ul style="list-style-type: none"> <li>• Up to 12 – 0.25 ml serum aliquots</li> <li>• Up to 8 – 0.25 ml plasma aliquots</li> <li>• DNA aliquot(s)</li> <li>• RNA aliquot(s)</li> <li>• Additional samples may be collected and stored in deeper phenotyping (e.g., iPSCs)</li> </ul>  |
| <b>Clinical Data</b>          | <ul style="list-style-type: none"> <li>• Information from questionnaire sections including demographics, lifestyle history, birth history, reproductive history, other medical history, diabetes status and history, family history, medications inventory</li> <li>• Biometric data (height, weight, blood pressure, waist circumference) and detailed physical exam from Stage 3</li> <li>• Additional anthropometric data may be available if completed in deeper phenotyping</li> </ul> |
| <b>Genetic and Omics Data</b> | <ul style="list-style-type: none"> <li>• WGS results</li> <li>• Mitochondrial sequencing results</li> <li>• Transcriptomic data</li> <li>• Metabolomic data if completed in deeper phenotyping</li> </ul>   |
| <b>Laboratory Data</b>        | <ul style="list-style-type: none"> <li>• Islet autoantibody information</li> <li>• Fasting Glucose and C-peptide</li> <li>• Lipid Panel, Metabolic Panel, HbA1c</li> <li>• Other laboratory data may be available if completed in deeper phenotyping (e.g., OGTT, hsCRP, results of clamp studies, peripheral blood monocytes, data from studies on iPSCs, etc)</li> </ul>  |