**Dietary Biomarkers**

* Ascorbic Acid^
* Carotenoids^
* Cholesterol^^
* Red Blood Cell (RBC) Fatty Acids^^^
* Retinol^
* Tocopherols^
* Vitamin D^^

**Exome**

* TEDDY-T1DExome chip0

**Gene Expression**

* Human HT12 v4rev2 Illumina BeadChip~

**Metabolomics**

* Lipidomics (CSH-QTOF)~
* Primary Metabolites (GCTOF)~

**Microbiome**

* Nasal 16S\*
* Nasal Cultured Virome (CV)\*
* Nasal Internal Transcribed Spacer (ITS)\*
* Nasal Primary Virome (PV)\*
* Nasal Whole Genome Shotgun Sequencing (WGS)\*
* Plasma Cultured Virome (CV)~
* Plasma Whole Genome Shotgun Sequencing Primary Virome (WGS/PV)~
* Stool 16S\*\*
* Stool Cultured Virome (CV)\*\*
* Stool Internal Transcribed Spacer (ITS)\*\*
* Stool Primary Virome (PV)\*\*
* Deep Stool Whole Genome Shotgun Sequencing (WGS)\*\*
* Stool Whole Genome Shotgun Sequencing (WGS)7

**Proteomics**

* Proteomics Discovery Phase (LC-MS/MS)~
* Proteomics Validation Phase (LC-SRM/MS)~

**RNA-Sequencing**

* RNA-Sequencing (HiSeq X Ten) ~

**SNP**

* Immunochip0

**Whole Genome Sequencing (WGS)**

* Human WGS (HiSeq X Ten)0