Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

Joslin Diabetes Center Advanced Genomics and Genetics Core Facility

RRID:SCR_009873
Type: Tool

Proper Citation

Joslin Diabetes Center Advanced Genomics and Genetics Core Facility (RRID:SCR_009873)

Resource Information

URL: https://joslinresearch.org/drc-cores/Advanced-Genomics-and-Genetics-Core

Proper Citation: Joslin Diabetes Center Advanced Genomics and Genetics Core Facility (RRID:SCR_009873)

Description: THIS RESOURCE IS NO LONGER IN SERVICE. Documented on October 27,2023. Core that provides services for genetic and genomic analysis, including DNA extraction from blood, access to DNA collections from the Core?s repository, SNP genotyping, and support for gene expression studies based on both high-density oligonucleotide arrays and real-time quantitative PCR.

Resource Type: core facility, service resource, access service resource

Keywords: gene analysis, genome analysis, dna extraction, gene expression service

Related Condition: Diabetes

Funding: NIDDK P30DK036836

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Joslin Diabetes Center Advanced Genomics and Genetics Core Facility

Resource ID: SCR_009873

Alternate IDs: nlx_156350

Record Creation Time: 20220129T080255+0000

Record Last Update: 20260731T042825+0000

Ratings and Alerts

No rating or validation information has been found for Joslin Diabetes Center Advanced Genomics and Genetics Core Facility.

No alerts have been found for Joslin Diabetes Center Advanced Genomics and Genetics Core Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 590 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Sim??o F, et al. (2017) The Effects of the Contact Activation System on Hemorrhage. Frontiers in medicine, 4, 121.

Mehta SN, et al. (2017) Changes in HbA1c and Weight Following Transition to Continuous Subcutaneous Insulin Infusion Therapy in Adults With Type 1 Diabetes. Journal of diabetes science and technology, 11(1), 83.

Shamsi F, et al. (2017) MicroRNA Regulation of Brown Adipogenesis and Thermogenic Energy Expenditure. Frontiers in endocrinology, 8, 205.

Merry TL, et al. (2017) Impairment of insulin signalling in peripheral tissue fails to extend murine lifespan. Aging cell, 16(4), 761.

May FJ, et al. (2017) Lipidomic Adaptations in White and Brown Adipose Tissue in Response to Exercise Demonstrate Molecular Species-Specific Remodeling. Cell reports, 18(6), 1558.

Qi W, et al. (2017) Pyruvate kinase M2 activation may protect against the progression of diabetic glomerular pathology and mitochondrial dysfunction. Nature medicine, 23(6), 753.

Cai W, et al. (2017) Domain-dependent effects of insulin and IGF-1 receptors on signalling and gene expression. Nature communications, 8, 14892.

Ferris HA, et al. (2017) Loss of astrocyte cholesterol synthesis disrupts neuronal function and alters whole-body metabolism. Proceedings of the National Academy of Sciences of the United States of America, 114(5), 1189.

Sinha I, et al. (2017) Prolyl Hydroxylase Domain-2 Inhibition Improves Skeletal Muscle Regeneration in a Male Murine Model of Obesity. Frontiers in endocrinology, 8, 153.

Kriszt R, et al. (2017) Optical visualisation of thermogenesis in stimulated single-cell brown adipocytes. Scientific reports, 7(1), 1383.

Volkening LK, et al. (2017) Recruitment Into a Pediatric Continuous Glucose Monitoring RCT. Journal of diabetes science and technology, 11(1), 100.

Thomou T, et al. (2017) Adipose-derived circulating miRNAs regulate gene expression in other tissues. Nature, 542(7642), 450.

Weir GC, et al. (2017) Glucose Driven Changes in Beta Cell Identity Are Important for Function and Possibly Autoimmune Vulnerability during the Progression of Type 1 Diabetes. Frontiers in genetics, 8, 2.

Pavkov ME, et al. (2016) Tumor necrosis factor receptors 1 and 2 are associated with early glomerular lesions in type 2 diabetes. Kidney international, 89(1), 226.

Burkart AM, et al. (2016) Insulin Resistance in Human iPS Cells Reduces Mitochondrial Size and Function. Scientific reports, 6, 22788.

Kokoye Y, et al. (2016) A comparison of the effects of factor XII deficiency and prekallikrein deficiency on thrombus formation. Thrombosis research, 140, 118.

Bonner-Weir S, et al. (2016) Dynamic development of the pancreas from birth to adulthood. Upsala journal of medical sciences, 121(2), 155.

Clermont A, et al. (2016) Plasma Kallikrein Mediates Vascular Endothelial Growth Factor-Induced Retinal Dysfunction and Thickening. Investigative ophthalmology & visual science, 57(6), 2390.

Lessard SJ, et al. (2016) The AMPK-related kinase SNARK regulates muscle mass and myocyte survival. The Journal of clinical investigation, 126(2), 560.

Cavelti-Weder C, et al. (2016) Hyperglycaemia attenuates in vivo reprogramming of pancreatic exocrine cells to beta cells in mice. Diabetologia, 59(3), 522.