

Research & Services | SNP-Disease Association via a Comprehensive DNA Resource (Yisum)

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[Ariel Darvasi](#), HUJI, Faculty of Science, The Alexander Silberman Institute for Life Sciences

Categories	DNA, DNA samples, genetic research of diseases, single nucleotide polymorphism (SNP)
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Function

- Provision of access to DNA samples of 16 common diseases to conduct association studies of specific single nucleotide polymorphisms (SNPs) and specific diseases

Research provided

- Access to DNA samples from 16 common diseases: Type I diabetes, type II diabetes, asthma, colorectal cancer, breast cancer, prostate cancer, Alzheimer's disease, Parkinson's disease, multiple sclerosis, migraine, hypertension, coronary artery disease, schizophrenia, bipolar disorder, schizoaffective disorder, and rheumatoid arthritis
- More than 500 samples per disease for most diseases and a common panel of 6000 healthy controls
- Customers may request to genotype any number of SNPs on any number of samples (cases and controls)
- Genotyping is performed in a central laboratory and included within the service (DNA is not shipped to customers)

Advantages

- Family history, disease characterization, drug treatments, efficacy and adverse events, recorded in an electronic database. All samples were collected using strict and standardized clinical criteria from a homogeneous population
- All samples were collected under the appropriate ethical guidelines including proper informed consent and approval of ethical committees (IRB)
- All samples were collected in Israel from the Ashkenazi Jewish population significantly increasing the genetic and environmental homogeneity of the samples
- Results belong solely to the customer
- Completely confidential service

Contact

Michal Bronstein michalbr@savion.huji.ac.il

Contact for more information:

Itzik Goldwaser , VP, Head of Research Collaborations , +972-2-6586685

Yisum Research Development Company of the Hebrew University of Jerusalem
Hi-Tech Park, Edmond J. Safra Campus, Givat-Ram, Jerusalem P.O. Box 39135, Jerusalem 91390
Israel Telephone: 972-2-658-6688, Fax: 972-2-658-6689