Resource Summary Report

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Lausanne Genomic Technologies Facility

RRID:SCR_008468
Type: Tool

Proper Citation

Lausanne Genomic Technologies Facility (RRID:SCR_008468)

Resource Information

URL: http://www.unil.ch/dafl

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Description: The Lausanne Genomics Technologies Facility (GTF) is a genomic technologies core laboratory serving the Lausanne and Lemanic region research community. It is housed in and administered by the Center for Integrative Genomics. The GTF offers a range of microarrays services, including : providing access to the instrumentation and the consumables that are required for the use of the pre-printed oligonucleotide microarrays available from Affymetrix and Illumina as well as miRNA gene microarrays from Agilent Technologies providing access to and supporting applications using the Illumina Genome Analyzer 2 ultra high throughput DNA sequencing platform providing access to the instrumentation and the consumables that are required for performing quantitative real-time PCR analyses using the Applied Biosystems 7900HT Sequence Detection System. providing bioinformatics support and consultation services at the stages of experimental design, data collection and storage, image analysis and data analysis acting as a center of experience, expertise and training in microarray and quantitative PCR technologies and methodologies. Laboratory space and computer workstations are available to users wanting to perform the experiments and/or analyses in the facility. The GTF also acts as an information clearing house for the user community by providing a forum for the sharing of methods, protocols and experience generated by the GTF and community scientists using microarray and quantitative PCR technology investigating and implementing, when appropriate, microarray-based methods for applications other than gene expression monitoring (e.g. SNP detection) participating in the evaluation of new RNA expression profiling and nucleic hybridization detection technologies as they develop and incorporate the appropriate technologies into the services offered by the facility

Synonyms: GTF

Resource Type: portal, data or information resource, laboratory portal, database, organization portal

Funding:

Resource Name: Lausanne Genomic Technologies Facility

Resource ID: SCR_008468

Alternate IDs: nif-0000-30407

Record Creation Time: 20220129T080247+0000

Record Last Update: 20250426T060033+0000

Ratings and Alerts

No rating or validation information has been found for Lausanne Genomic Technologies Facility.

No alerts have been found for Lausanne Genomic Technologies Facility.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Motterle A, et al. (2017) Identification of islet-enriched long non-coding RNAs contributing to ?-cell failure in type 2 diabetes. Molecular metabolism, 6(11), 1407.

Cironi L, et al. (2016) The fusion protein SS18-SSX1 employs core Wnt pathway transcription factors to induce a partial Wnt signature in synovial sarcoma. Scientific reports, 6, 22113.

Planche A, et al. (2011) Identification of prognostic molecular features in the reactive stroma of human breast and prostate cancer. PloS one, 6(5), e18640.

Cornu M, et al. (2009) Glucagon-like peptide-1 protects beta-cells against apoptosis by increasing the activity of an IGF-2/IGF-1 receptor autocrine loop. Diabetes, 58(8), 1816.

Magold AI, et al. (2009) Gene expression profiling in cells with enhanced gamma-secretase

activity. PloS one, 4(9), e6952.

Cironi L, et al. (2009) Epigenetic features of human mesenchymal stem cells determine their permissiveness for induction of relevant transcriptional changes by SYT-SSX1. PloS one, 4(11), e7904.

Hornitschek P, et al. (2009) Inhibition of the shade avoidance response by formation of non-DNA binding bHLH heterodimers. The EMBO journal, 28(24), 3893.