# **Resource Summary Report**

Generated by NIF on May 25, 2025

# **FastQ Screen**

RRID:SCR\_000141 Type: Tool

#### **Proper Citation**

FastQ Screen (RRID:SCR\_000141)

#### **Resource Information**

URL: http://www.bioinformatics.babraham.ac.uk/projects/fastq\_screen/

Proper Citation: FastQ Screen (RRID:SCR\_000141)

**Description:** Software that allows you to screen a library of sequences in FastQ format against a set of sequence databases so you can see if the composition of the library matches with what you expect.

Abbreviations: FastQ Screen

Resource Type: software resource

Defining Citation: PMID:30254741

Keywords: perl, FASEB list

Funding:

Availability: Free, Freely available

Resource Name: FastQ Screen

Resource ID: SCR\_000141

Alternate IDs: OMICS\_01042

License: GNU General Public License, v3 or later

Record Creation Time: 20220129T080159+0000

Record Last Update: 20250525T030524+0000

# **Ratings and Alerts**

No rating or validation information has been found for FastQ Screen.

No alerts have been found for FastQ Screen.

# Data and Source Information

Source: SciCrunch Registry

# **Usage and Citation Metrics**

We found 41 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Rachubinski AL, et al. (2024) JAK inhibition decreases the autoimmune burden in Down syndrome. eLife, 13.

Wong CH, et al. (2024) Genome-scale requirements for dynein-based transport revealed by a high-content arrayed CRISPR screen. The Journal of cell biology, 223(5).

Tapia Contreras C, et al. (2024) KRASG 12C-inhibitor-based combination therapies for pancreatic cancer: insights from drug screening. Molecular oncology.

Gargiulo E, et al. (2023) Extracellular Vesicle Secretion by Leukemia Cells In Vivo Promotes CLL Progression by Hampering Antitumor T-cell Responses. Blood cancer discovery, 4(1), 54.

Ludwig MP, et al. (2023) Proteasome Inhibition Sensitizes Liposarcoma to MDM2 Inhibition with Nutlin-3 by Activating the ATF4/CHOP Stress Response Pathway. Cancer research, 83(15), 2543.

Qi W, et al. (2022) The haplotype-resolved chromosome pairs of a heterozygous diploid African cassava cultivar reveal novel pan-genome and allele-specific transcriptome features. GigaScience, 11.

Cheng N, et al. (2022) STAG2 promotes the myelination transcriptional program in oligodendrocytes. eLife, 11.

Hunter AL, et al. (2022) HNF4A modulates glucocorticoid action in the liver. Cell reports, 39(3), 110697.

Sullivan KD, et al. (2021) The COVIDome Explorer researcher portal. Cell reports, 36(7), 109527.

Galbraith MD, et al. (2021) Seroconversion stages COVID19 into distinct pathophysiological

states. eLife, 10.

Stanney W, et al. (2020) Combinatorial action of NF-Y and TALE at embryonic enhancers defines distinct gene expression programs during zygotic genome activation in zebrafish. Developmental biology, 459(2), 161.

Mordaunt CE, et al. (2020) Cord blood DNA methylome in newborns later diagnosed with autism spectrum disorder reflects early dysregulation of neurodevelopmental and X-linked genes. Genome medicine, 12(1), 88.

Domenger C, et al. (2018) RNA-Seq Analysis of an Antisense Sequence Optimized for Exon Skipping in Duchenne Patients Reveals No Off-Target Effect. Molecular therapy. Nucleic acids, 10, 277.

Masson F, et al. (2018) In Vitro Culture of the Insect Endosymbiont Spiroplasma poulsonii Highlights Bacterial Genes Involved in Host-Symbiont Interaction. mBio, 9(2).

Simões-Sousa S, et al. (2018) The p38? Stress Kinase Suppresses Aneuploidy Tolerance by Inhibiting Hif-1?. Cell reports, 25(3), 749.

Cazet AS, et al. (2018) Targeting stromal remodeling and cancer stem cell plasticity overcomes chemoresistance in triple negative breast cancer. Nature communications, 9(1), 2897.

Maddaloni G, et al. (2018) Serotonin depletion causes valproate-responsive manic-like condition and increased hippocampal neuroplasticity that are reversed by stress. Scientific reports, 8(1), 11847.

Maixner F, et al. (2018) The Iceman's Last Meal Consisted of Fat, Wild Meat, and Cereals. Current biology : CB, 28(14), 2348.

Kok YL, et al. (2018) Spontaneous reactivation of latent HIV-1 promoters is linked to the cell cycle as revealed by a genetic-insulators-containing dual-fluorescence HIV-1-based vector. Scientific reports, 8(1), 10204.

Grand Moursel L, et al. (2018) Brain Transcriptomic Analysis of Hereditary Cerebral Hemorrhage With Amyloidosis-Dutch Type. Frontiers in aging neuroscience, 10, 102.