# FastQC

**RRID:** SCR_014583  
**Type:** Tool

## Proper Citation

FastQC (RRID:SCR_014583)

## Resource Information

**URL:** [http://www.bioinformatics.babraham.ac.uk/projects/fastqc/](http://www.bioinformatics.babraham.ac.uk/projects/fastqc/)

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**Description:** Quality control software that perform checks on raw sequence data coming from high throughput sequencing pipelines. This software also provides a modular set of analyses which can give a quick impression of the quality of the data prior to further analysis.

**Synonyms:** FastQC v0.11.5

**Resource Type:** data management software, data analysis software, software application, data processing software, software resource

**Keywords:** quality control, sequence data, sequencing, analysis, data quality, pipeline, raw sequence data, modular set, bio.tools

**Availability:** Open source, Available for download

**Resource Name:** FastQC

**Resource ID:** SCR_014583

**Alternate IDs:** biotools:fastqc, SCR_005539, OMICS_01043


**Record Creation Time:** 20220129T080321+0000

**Record Last Update:** 20240702T053955+0000
Ratings and Alerts

No rating or validation information has been found for FastQC.

No alerts have been found for FastQC.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 17691 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.


Hernandez Torres LD, et al. (2024) Incidence of microvascular dysfunction is increased in hyperlipidemic mice, reducing cerebral blood flow and impairing remote memory. Frontiers in endocrinology, 15, 1338458.

Frese AN, et al. (2024) Quantitative proteome dynamics across embryogenesis in a model chordate. iScience, 27(4), 109355.

Xie N, et al. (2024) Immune dysfunction mediated by the competitive endogenous RNA network in fetal side placental tissue of polycystic ovary syndrome. PloS one, 19(3), e0300461.

Saggese P, et al. (2024) Glucose Deprivation Promotes Pseudohypoxia and
Dedifferentiation in Lung Adenocarcinoma. Cancer research, 84(2), 305.

Stanković D, et al. (2024) Xrp1 governs the stress response program to spliceosome dysfunction. Nucleic acids research, 52(5), 2093.

Murray GC, et al. (2024) Testing SIPA1L2 as a modifier of CMT1A using mouse models. Journal of neuropathology and experimental neurology.

Lin P, et al. (2024) RBBP6 maintains glioblastoma stem cells through CPSF3-dependent alternative polyadenylation. Cell discovery, 10(1), 32.


Komine O, et al. (2024) Genetic background variation impacts microglial heterogeneity and disease progression in amyotrophic lateral sclerosis model mice. iScience, 27(2), 108872.


Kellett DO, et al. (2024) Transcriptional response of the heart to vagus nerve stimulation. Physiological genomics, 56(2), 167.
