

# Resource Summary Report

Generated by [kravitz2](#) on Aug 2, 2026

## TileQC

RRID:SCR\_001229

Type: Tool

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### Proper Citation

TileQC (RRID:SCR\_001229)

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### Resource Information

**URL:** <http://denverlab.science.oregonstate.edu/tileqc/>

**Proper Citation:** TileQC (RRID:SCR\_001229)

**Description:** THIS RESOURCE IS NO LONGER IN SERVICE. Documented on May,10, 2021. Software providing a visually oriented tile based approach to error detection for Solexa next-gen sequencing data. It is written in R and has both qualitative and quantitative error detection features. This software was written with the idea that the researcher's visual pattern recognition is the best way to detect novel errors and contains variety of ways to visualize that data. Once a new type of error is identified the data extraction features of the program may then be used as a starting point for the programmatic detection and/or filtration of similar errors. A supplementary role of tileQC is to convert the Eland and Q-score data contained within the Solexa "\*\_prb.txt" and "\*\_eland\_results.txt" text files to a more flexible database form. Once in database form, tileQC simplifies the mechanics of interacting with that data and supplements standard SQL with an expression substitution mechanism that allows R to be easily comingled with SQL. This system requires access to a MySQL server and the R package RMySQL as well as a few standard UNIX tools (also available on Windows and Macintosh).

**Abbreviations:** TileQC

**Synonyms:** TileQC: A tile based approached to quality control

**Resource Type:** software resource

**Defining Citation:** [PMID:18507856](#)

**Keywords:** next-generation sequencing, quality control, solexa, r, tile, bio.tools

**Availability:** THIS RESOURCE IS NO LONGER IN SERVICE

**Resource Name:** TileQC

**Resource ID:** SCR\_001229

**Alternate IDs:** biotools:tileqc, OMICS\_02114

**Alternate URLs:** <https://bio.tools/tileqc>

**Record Creation Time:** 20220129T080206+0000

**Record Last Update:** 20260801T190143+0000

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## Ratings and Alerts

No rating or validation information has been found for TileQC.

No alerts have been found for TileQC.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.