

Resource Summary Report

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TileQC

RRID:SCR_001229

Type: Tool

Proper Citation

TileQC (RRID:SCR_001229)

Resource Information

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

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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: 20260808T185724+0000

Ratings and Alerts

No rating or validation information has been found for TileQC.

No alerts have been found for TileQC.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.