



Nextflow workflow report

[stupefied_dijkstra]

Workflow execution completed successfully!

Run times

19-Sep-2022 16:44:50 - 19-Sep-2022 16:47:11 (duration: **2m 22s**)

71 succeeded

Nextflow command

```
nextflow run kviljoen/fastq_QC --reads
'/scratch3/users/katiel/Clinnton/CRE_study_August_2022/raw/study_1A_B_combined/*_R{1,2}_001.fastq.gz' -profile ilifu
```

CPU-Hours
1.4

Launch directory
/scratch3/users/katiel/Clinnton/CRE_study_August_2022

Work directory
/scratch3/users/katiel/Clinnton/CRE_study_August_2022/work

Project directory
/users/katiel/.nextflow/assets/kviljoen/fastq_QC

Script name
main.nf

Script ID
d0ac888a7fdca4069780b4922a7a29f4

Workflow session
b7f85192-6b7d-473a-bf02-a137a6b93e24

Workflow repository
https://github.com/kviljoen/fastq_QC , revision master (commit hash d413db21338c1c901732827eeba15fa60372bc5d)

Workflow profile
ilifu

Workflow container
/cbio/users/katie/singularity_containers/yamp_katie.simg

Container engine
singularity

Nextflow version
version 21.10.6, build 5660 (21-12-2021 16:55 UTC)

Resource Usage

These plots give an overview of the distribution of resource usage for each process.

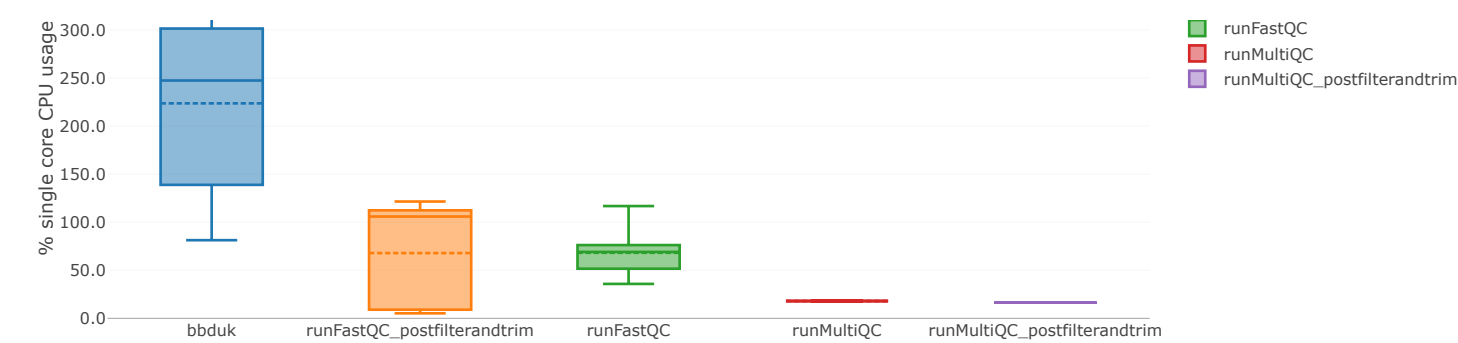
CPU

Raw Usage

% Allocated

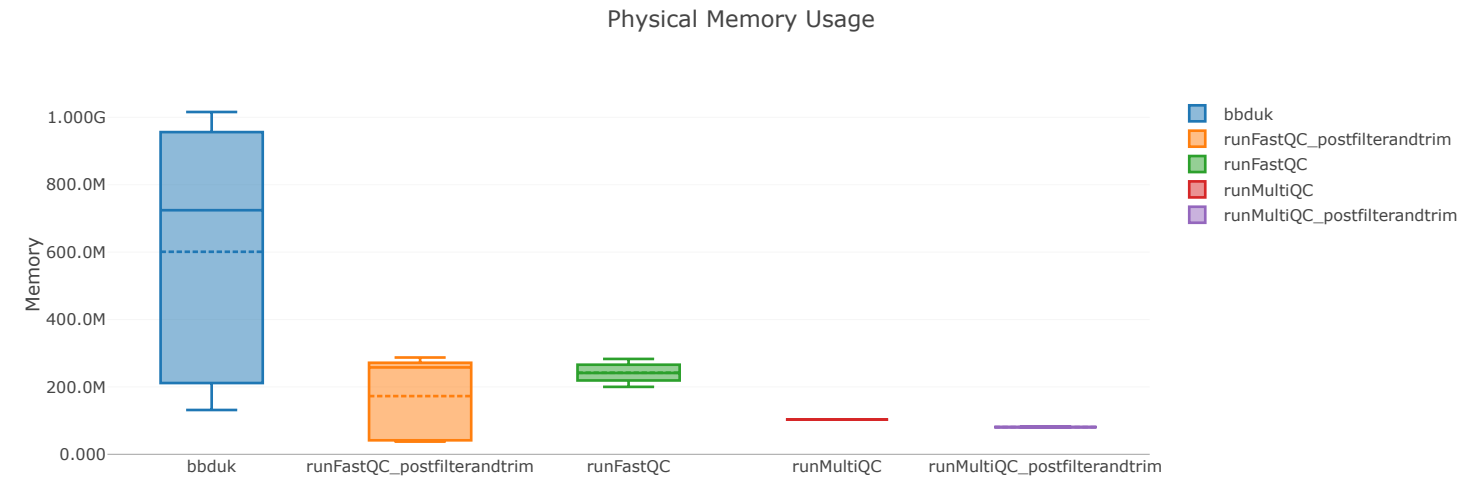
CPU Usage

Nextflow Report



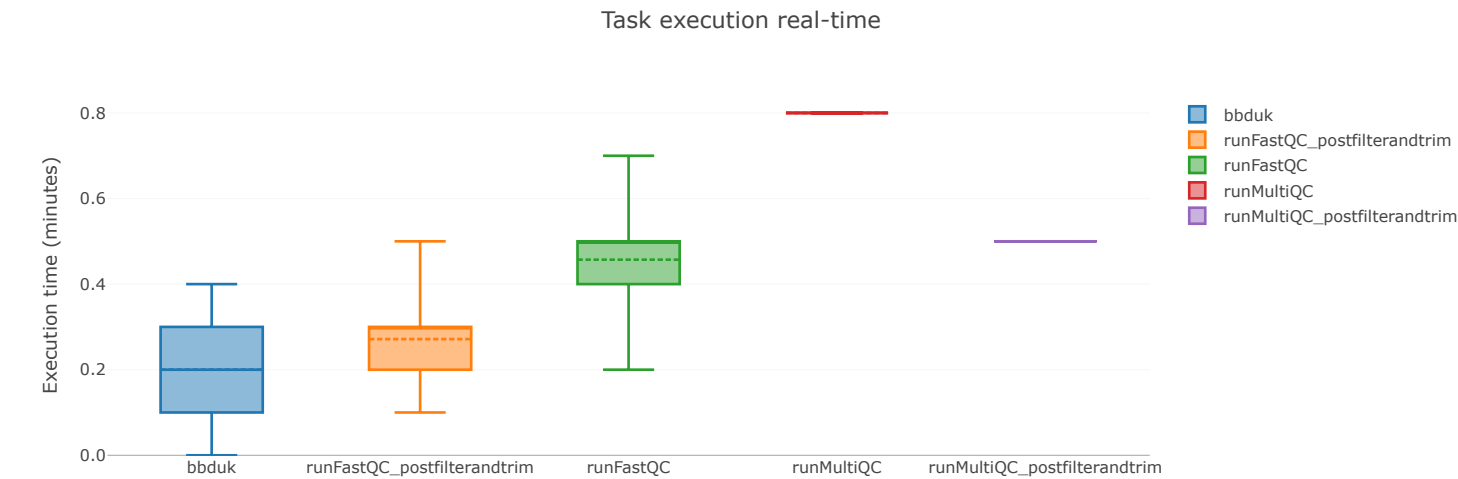
Memory

Physical (RAM) Virtual (RAM + Disk swap) % RAM Allocated



Job Duration

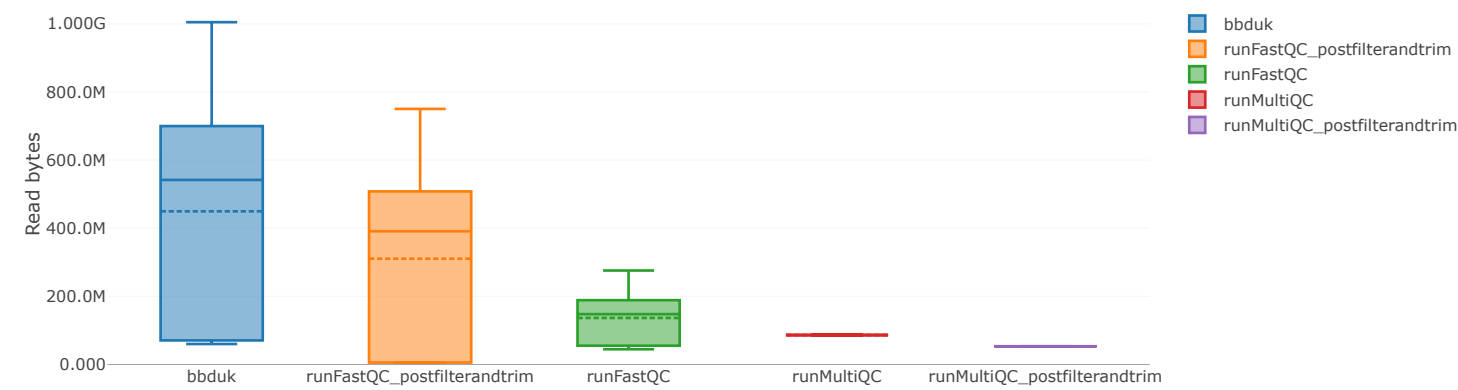
Raw Usage % Allocated



I/O



Number of bytes read



Tasks

This table shows information about each task in the workflow. Use the search box on the right to filter rows for specific values. Clicking headers will sort the table by that value and scrolling side to side will reveal more columns.

Values shown as: Human readable

Show 25 entries

Filter: Metrics Metadata All Search:

task_id	process	tag	status	hash	allocated cpus	%cpu	allocated memory	%mem	vmer
1	runFastQC	rFQC.G-14_S9_L001	COMPLETED	1c/d1a28e	4	53.0	8.000 GB	0.1	2.48
2	runFastQC	rFQC.G-21_S3_L001	COMPLETED	7b/03c9f5	4	57.6	8.000 GB	0.1	2.48
3	bbduk	bbduk.G-14_S9_L001	COMPLETED	d2/cfbe8b	4	148.0	8.000 GB	0.3	10.2 GB
4	bbduk	bbduk.G-21_S3_L001	COMPLETED	d8/b7d7a4	4	239.7	8.000 GB	0.2	10.2 GB
5	runFastQC	rFQC.G-03_S3_L001	COMPLETED	41/4c9f5c	4	41.7	8.000 GB	0.1	2.48
6	bbduk	bbduk.G-03_S3_L001	COMPLETED	be/4be5b6	4	92.1	8.000 GB	0.1	10.2 GB
7	runFastQC	rFQC.G-13_S8_L001	COMPLETED	b6/201615	4	35.8	8.000 GB	0.1	2.48
8	bbduk	bbduk.G-13_S8_L001	COMPLETED	36/63c4bb	4	99.0	8.000 GB	0.1	10.2 GB

 Nextflow Report

10	runFastQC	rFQC.G-02_S2_L001	COMPLETED	65/f7bd9f	4	36.6	8.000 GB	0.1	2.48
11	bbduk	bbduk.R-08_S10_L001	COMPLETED	b5/514f5c	4	275.8	8.000 GB	0.3	10.2 GB
12	runFastQC	rFQC.R-08_S10_L001	COMPLETED	58/01fb43	4	69.1	8.000 GB	0.1	2.48
13	bbduk	bbduk.R-06_S9_L001	COMPLETED	ce/d6ad20	4	308.6	8.000 GB	0.3	10.2 GB
14	runFastQC	rFQC.R-06_S9_L001	COMPLETED	7b/375304	4	74.6	8.000 GB	0.1	2.48
15	bbduk	bbduk.G-16_S11_L001	COMPLETED	d9/cbf29d	4	149.6	8.000 GB	0.1	10.2 GB
16	runFastQC	rFQC.G-16_S11_L001	COMPLETED	a7/f37086	4	47.8	8.000 GB	0.1	2.48
17	runFastQC	rFQC.R-09_S11_L001	COMPLETED	0c/e1a09c	4	70.8	8.000 GB	0.1	2.48
18	bbduk	bbduk.R-09_S11_L001	COMPLETED	06/43438d	4	327.2	8.000 GB	0.4	10.2 GB
19	runFastQC	rFQC.G-23_S5_L001	COMPLETED	b7/72a671	4	80.6	8.000 GB	0.1	2.48
20	bbduk	bbduk.G-23_S5_L001	COMPLETED	d0/5323fb	4	294.3	8.000 GB	0.4	10.2 GB
21	bbduk	bbduk.G-07_S4_L001	COMPLETED	3e/21bfe0	4	269.5	8.000 GB	0.1	10.2 GB
22	runFastQC	rFQC.G-07_S4_L001	COMPLETED	ec/451147	4	56.9	8.000 GB	0.1	2.48
23	runFastQC	rFQC.G-22_S4_L001	COMPLETED	d8/d36884	4	74.1	8.000 GB	0.1	2.48
24	bbduk	bbduk.G-22_S4_L001	COMPLETED	48/fac3fb	4	274.3	8.000 GB	0.4	10.2 GB
25	runFastQC_postfilterandtrim	rFQC_post_FT.G-02_S2_L001	COMPLETED	6c/a57b83	4	5.2	8.000 GB	0.0	2.41