



Nextflow workflow report

[gigantic_mcnulty]

Workflow execution completed successfully!

Run times

17-Apr-2021 18:28:27 - 18-Apr-2021 00:22:55 (duration: 5h 54m 28s)

78 succeeded

Nextflow command

nextflow run main.nf -profile winter, benchmarking -with-report -with-timeline -with-trace -with-dag -work-dir/fastscratch/liuya/nanocompare/work

CPU-Hours

55.2

Launch directory

/pod/2/li-lab/yang/workspace/nano-compare

Work directory

/fastscratch/liuya/nanocompare/work

Project directory

/pod/2/li-lab/yang/workspace/nano-compare

Script name

main.nf

Script ID

4fbf966d759df9af741e38d87d0f68b8

Workflow session

b5ddfa6b-c970-4882-906a-4e4942b00dc0

Workflow profile

winter, benchmarking

Nextflow version

version 20.10.0, build 5430 (01-11-2020 15:14 UTC)

Resource Usage

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

CPU

Raw Usage

% Allocated

Nextflow Report 800.0 EnvCheck UntarBenchmarking % single core CPU usage Basecall Megalodon 600.0 Nanopolish Resquiggle QCStep 400.0 Tombo MgldnCombine DeepSignal **NplshCombine** 200.0 TomboCombine ---DeepMod DpSigCombine 0.0 UntarBenchmarking MgldnCombine DeepSignal -NolshCombine TomboCombine D_{pSigCombine} -D_D_{mod}Combine</sub> Megalodon Nanopolish $Q_{CSt_{ep}}$ Tombo DeepMod Resquiggle

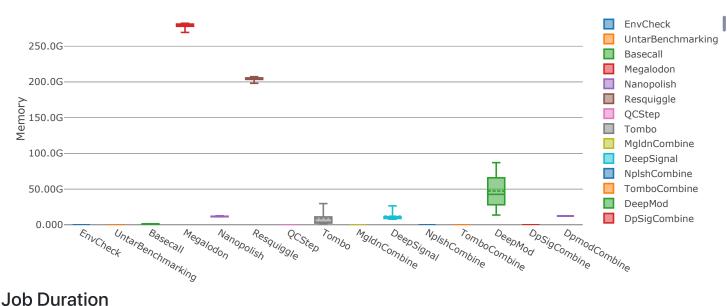
Memory

Physical (RAM)

Virtual (RAM + Disk swap)

% RAM Allocated

Physical Memory Usage

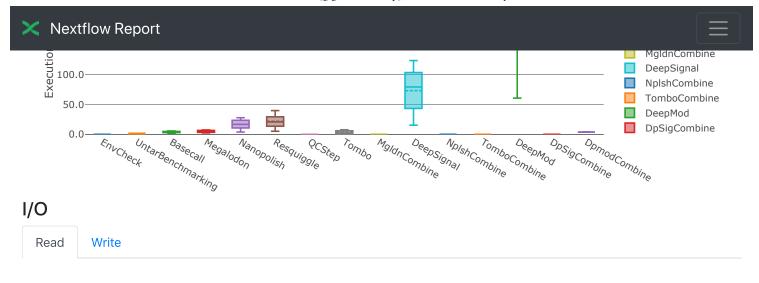


Raw Usage

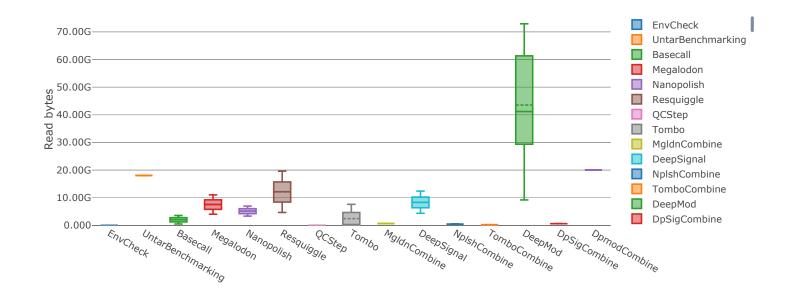
% Allocated

Task execution real-time



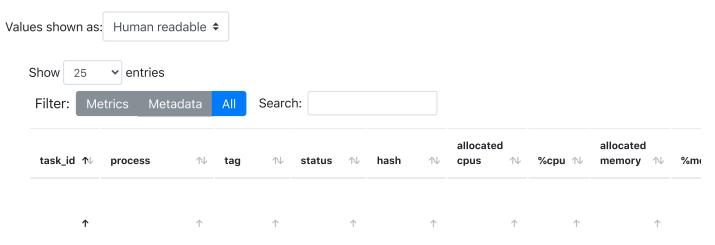


Number of bytes read



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.



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2	EnvCheck	EnvCheck	COMPLETED	bd/061901	1	63.6	-	0.0
3	Basecall	MB1600K	COMPLETED	db/712e4e	1	53.2	-	0.5
4	Basecall	MB2400K	COMPLETED	f5/0eb645	1	62.7	-	0.6
5	Megalodon	MB1600K	COMPLETED	0b/214180	1	332.0	-	145.
6	Megalodon	MB2400K	COMPLETED	e4/ccb41d	1	367.8	-	147.
7	Basecall	MB4000K	COMPLETED	fd/bc258c	1	73.9	-	0.6
8	Basecall	MB3200K	COMPLETED	18/8dd041	1	68.7	-	0.6
9	Basecall	MB5600K	COMPLETED	4a/002289	1	89.1	-	0.7
10	Basecall	MB4800K	COMPLETED	0c/37a680	1	85.0	-	0.6
11	Basecall	MB7200K	COMPLETED	5b/8d040b	1	93.4	-	0.7
12	Basecall	MB6400K	COMPLETED	c9/f4b287	1	90.3	-	0.7
13	Basecall	MB8000K	COMPLETED	c4/bf52d5	1	100.0	-	0.7
14	Basecall	MB800K	COMPLETED	12/4f799c	1	45.1	-	0.5

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16	Megalodon	MB4000K	COMPLETED	78/d243cb	1	454.3	-	148.
17	Megalodon	MB4800K	COMPLETED	75/dddfda	1	433.4	-	147.
18	Megalodon	MB5600K	COMPLETED	48/ceb0e4	1	413.2	-	149.
19	Megalodon	MB6400K	COMPLETED	13/e15755	1	406.5	-	149.
20	Megalodon	MB7200K	COMPLETED	b9/aff932	1	401.4	-	148.
21	Megalodon	МВ8000К	COMPLETED	0b/721bba	1	409.1	-	149.
22	Megalodon	МВ800К	COMPLETED	b5/e40fd7	1	261.5	-	143.
23	Resquiggle	МВ800К	COMPLETED	50/b33707	1	589.3	-	98.1
24	DeepMod	МВ800К	COMPLETED	4b/322727	1	441.3	-	6.4
25	Nanopolish	MB800K	COMPLETED	76/88fe82	1	150.8	-	5.8

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