

Run Info

Experiment Name	20200109_cbai_20102558-2729
Sample ID	cbaI_20102558-2729
Run ID	a909f60a-d49f-4564-8cd3-3c8a31e8c572
Flow Cell Id	FAL58500
Start Time	January 10, 09:05
Run Length	3d 0h 1m

Run Summary

Reads Generated	21.52 K
Estimated Bases	19.87 Mb

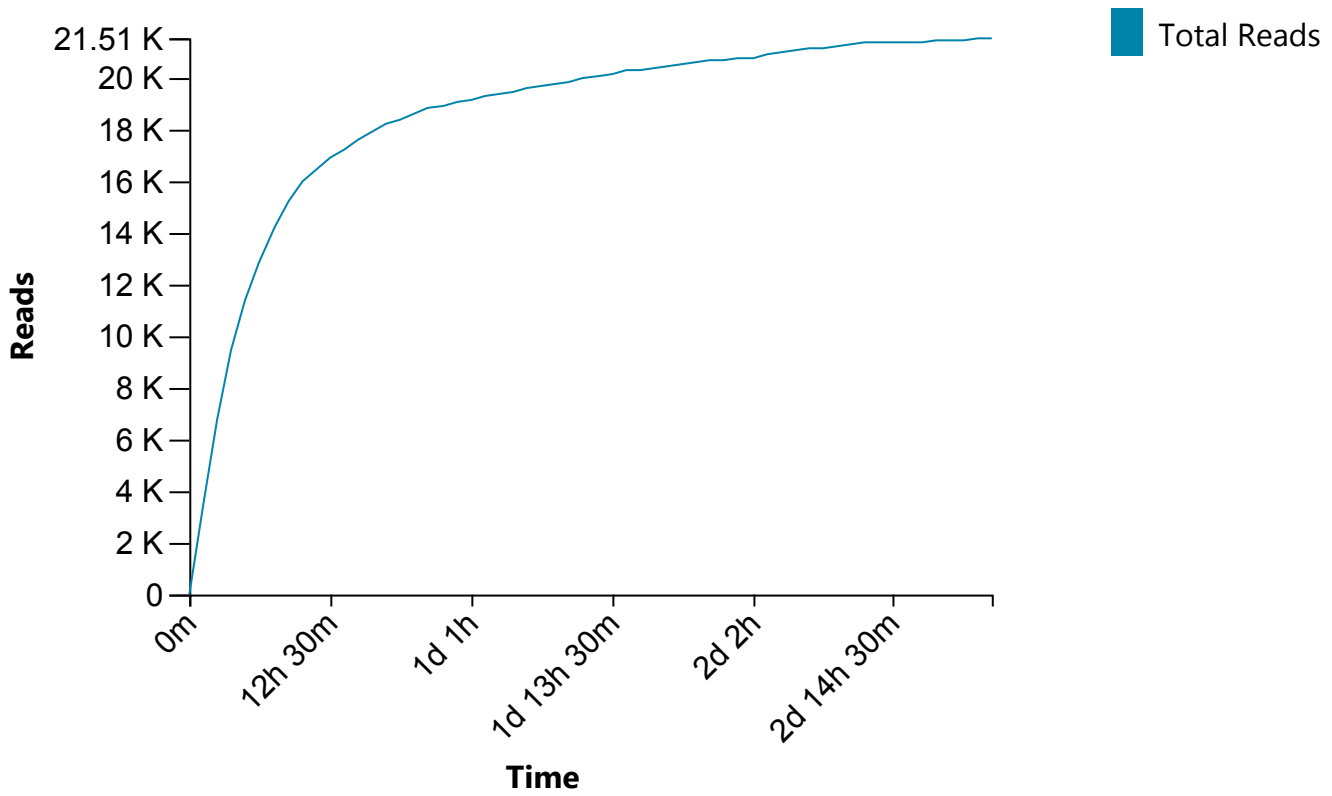
Run Parameters

Flow Cell Type	FLO-MIN106
Kit	SQK-RAD004
Basecalling	off
Specified Run Length	72 hours
Initial Bias Voltage	-180 mV
FAST5 Output	Enabled
FAST5 Output Options	zlib_compress,raw
FAST5 Reads per File	4000
Active Channel Selection	Enabled
Mux Scan Period	1 hour 30 minutes
Reserved Pores	0 %

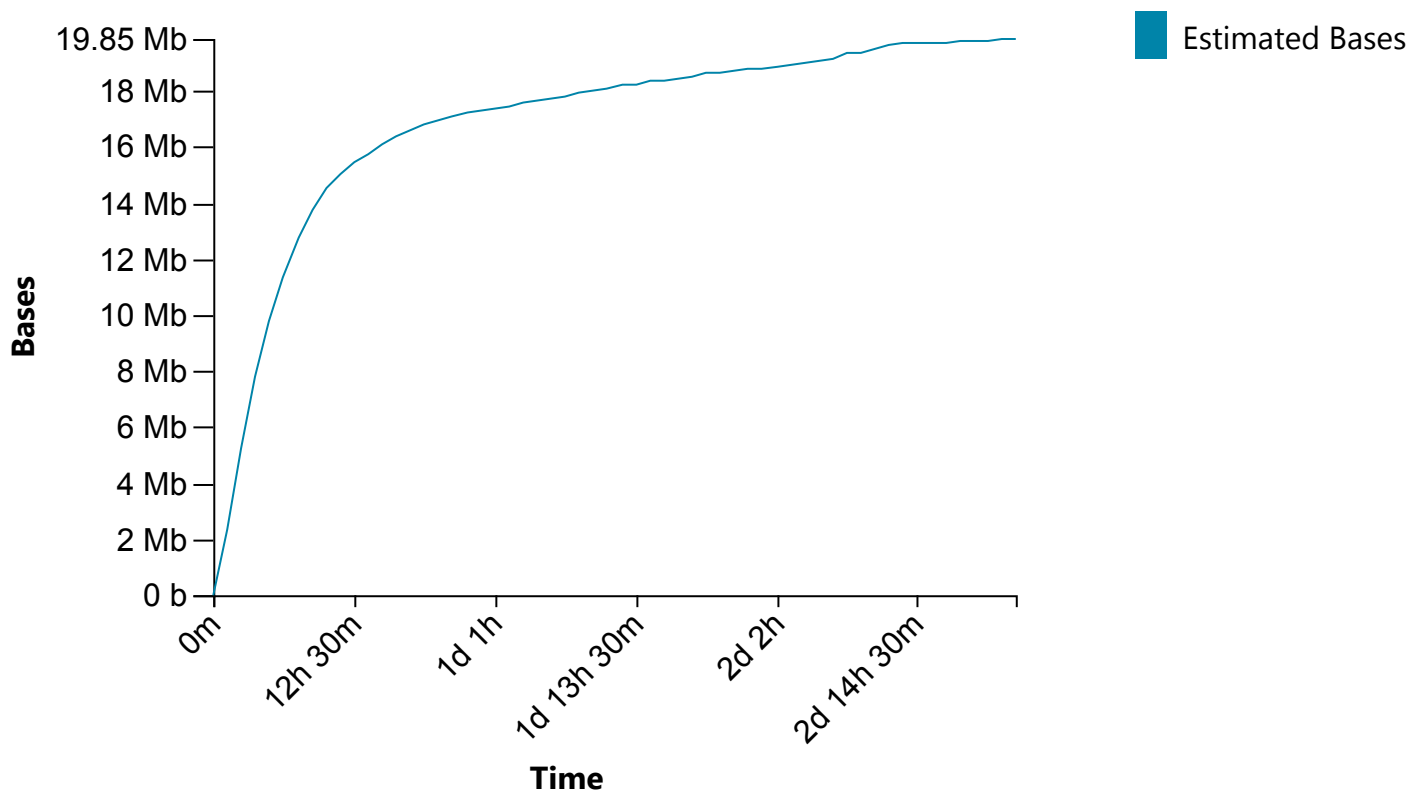
Versions

MinKNOW Core	3.6.0
Bream	4.3.12
Guppy	3.2.8

Cumulative Output Reads

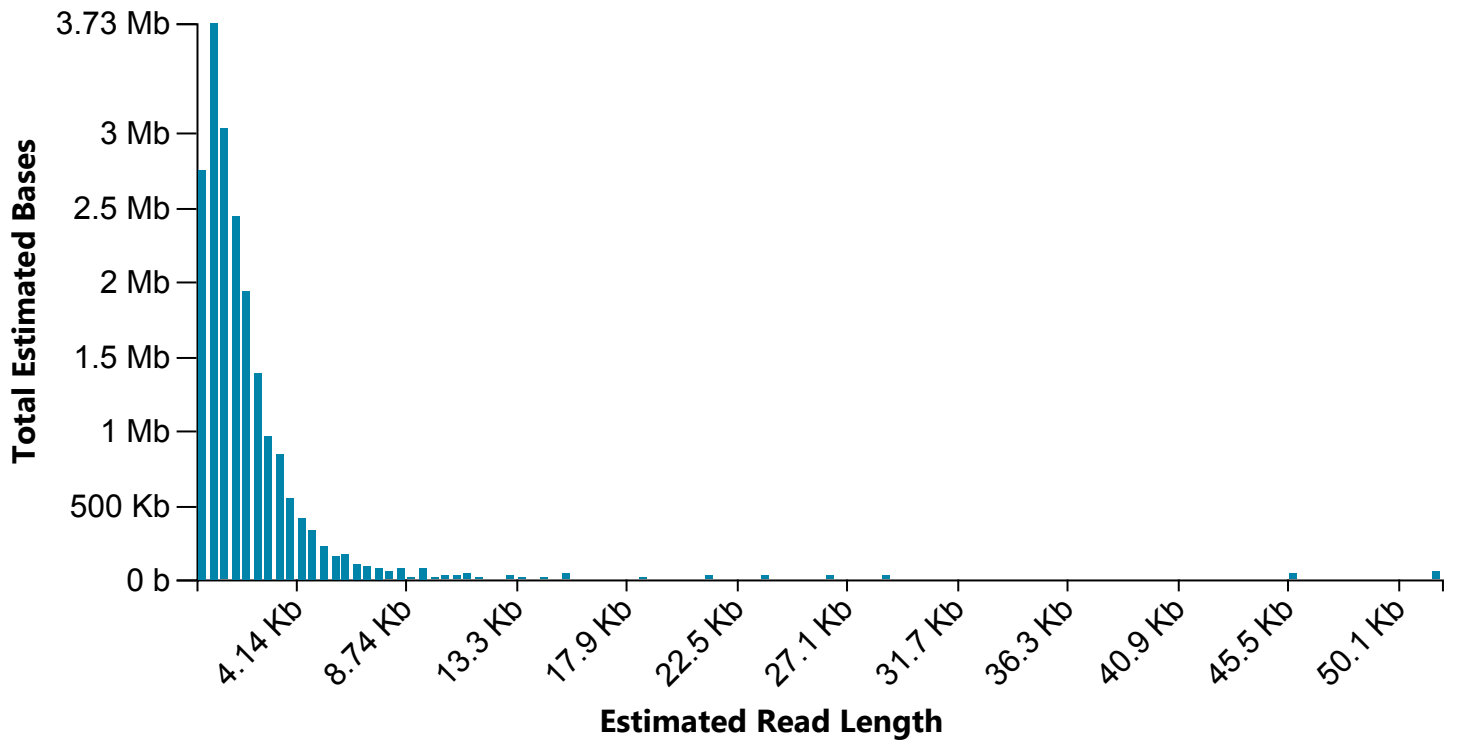


Cumulative Output Bases

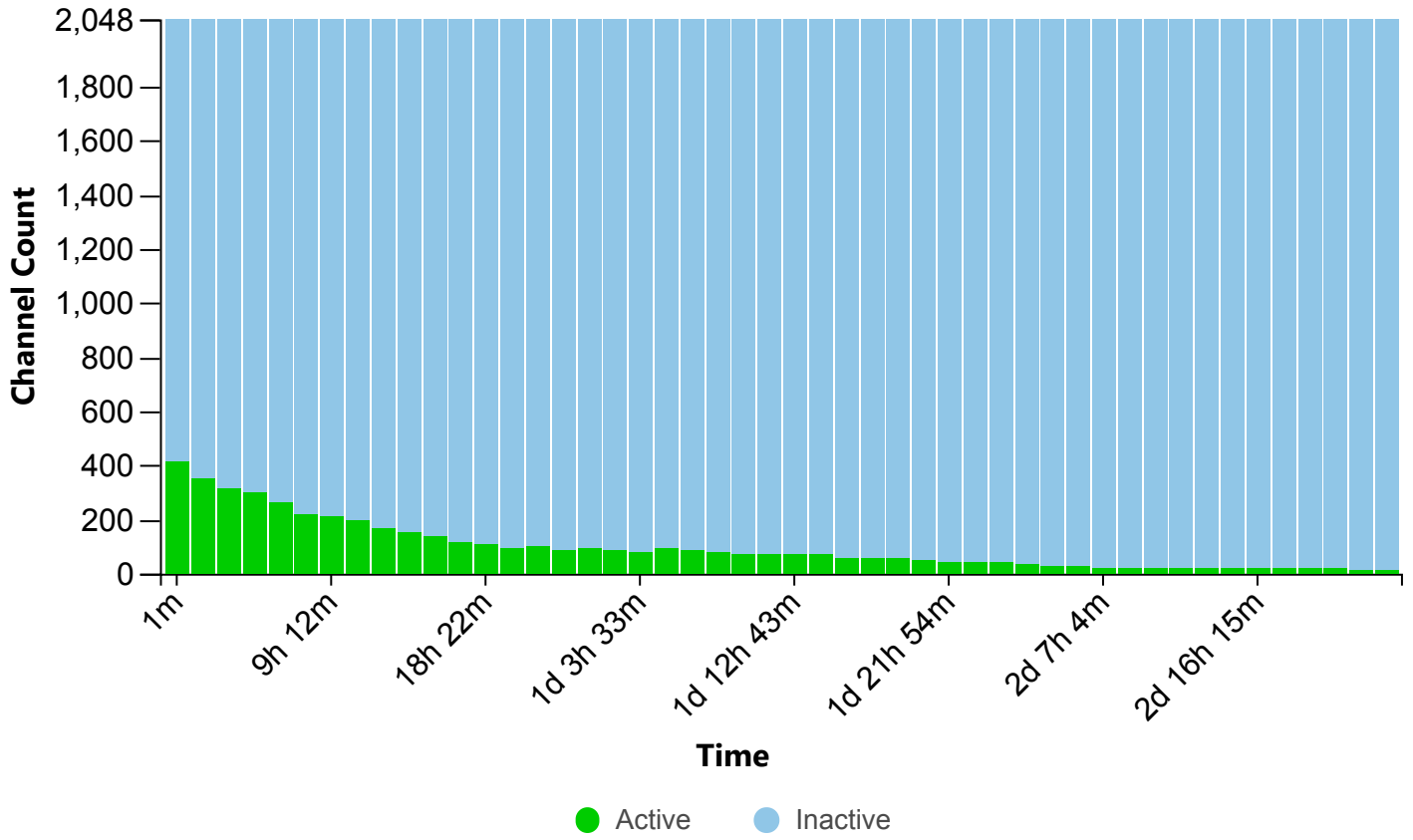


Read Length Histogram Estimated Bases

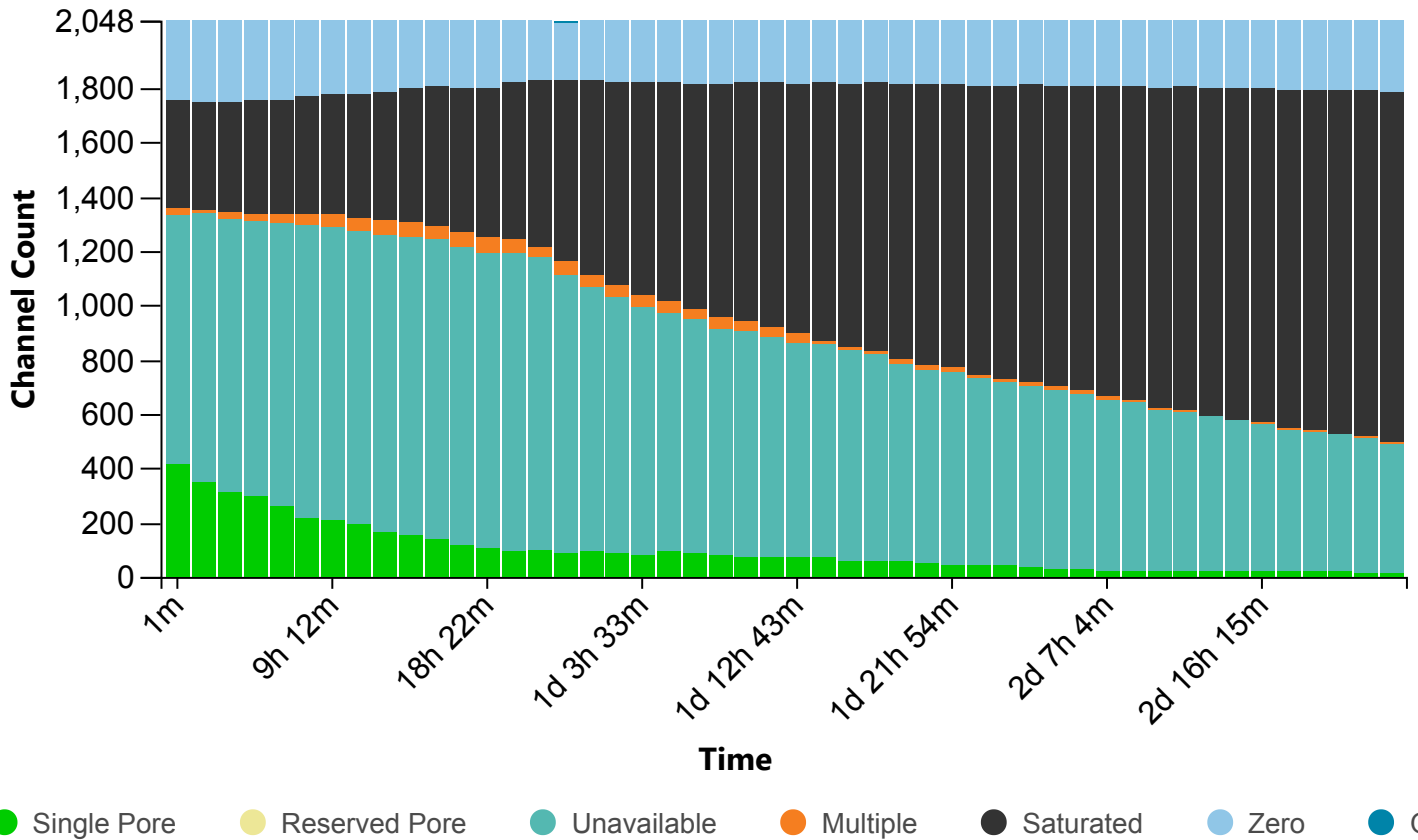
Estimated N50: 1.46 Kb



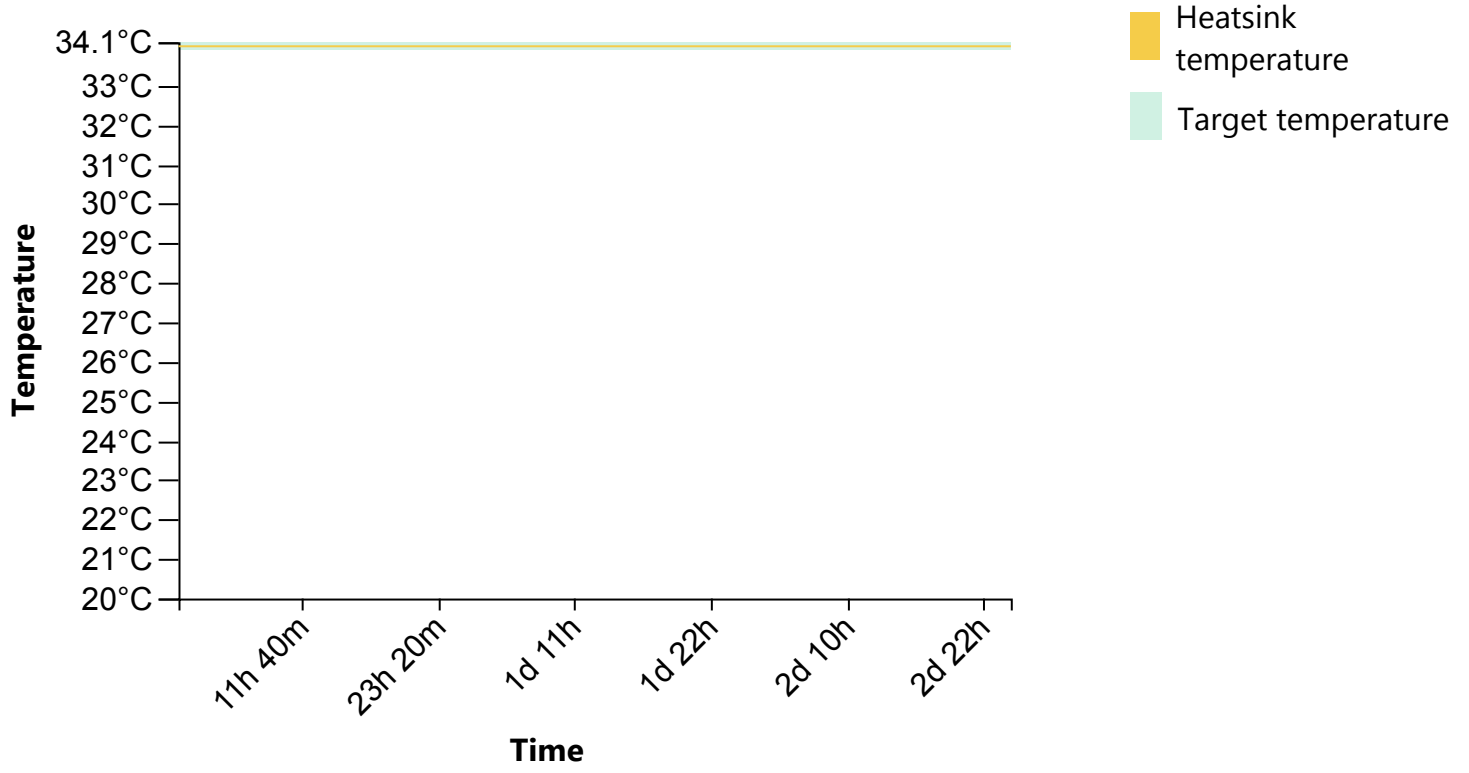
Mux Scan Grouped



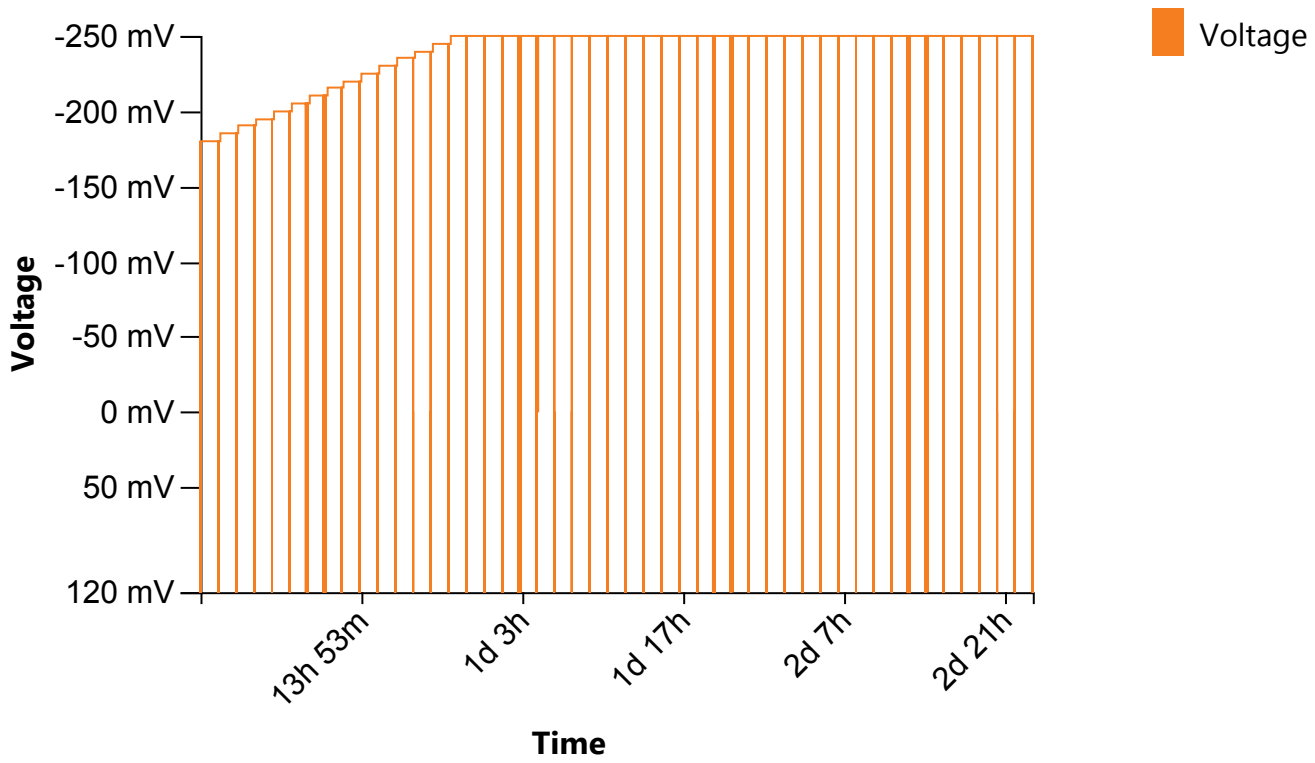
Mux Scan Categorised



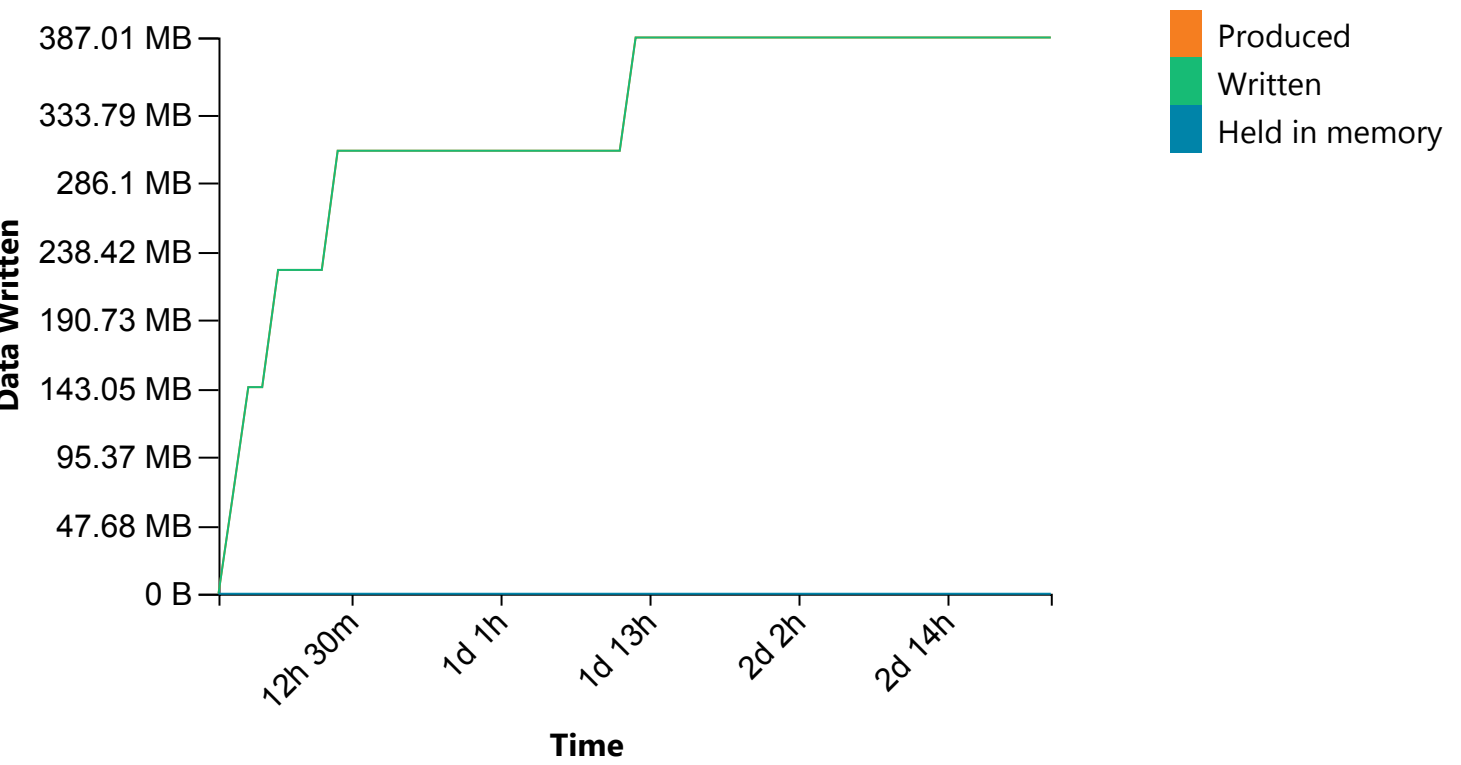
Temperature History



Bias Voltage History



Disk Write Performance



Run Debug Messages

- The sequencing run has finished, but basecalling may continue January 13, 09:07
- Flow cell FAL58500 has 14 pores available for sequencing. Starting sequencing with 14 pores January 13, 09:01
- Performing Mux Scan January 13, 08:59
- Flow cell FAL58500 has 18 pores available for sequencing. Starting sequencing with 18 pores January 13, 07:29
- Performing Mux Scan January 13, 07:27
- Flow cell FAL58500 has 19 pores available for sequencing. Starting sequencing with 19 pores January 13, 05:57
- Performing Mux Scan January 13, 05:56
- Flow cell FAL58500 has 23 pores available for sequencing. Starting sequencing with 23 pores January 13, 04:26
- Performing Mux Scan January 13, 04:24
- Flow cell FAL58500 has 24 pores available for sequencing. Starting sequencing with 24 pores January 13, 02:54
- Performing Mux Scan January 13, 02:52
- Flow cell FAL58500 has 22 pores available for sequencing. Starting sequencing with 21 pores January 13, 01:22
- Performing Mux Scan January 13, 01:20
- Flow cell FAL58500 has 21 pores available for sequencing. Starting sequencing with 20 pores January 12, 23:50
- Performing Mux Scan January 12, 23:49
- Flow cell FAL58500 has 20 pores available for sequencing. Starting sequencing with 19 pores January 12, 22:19
- Performing Mux Scan January 12, 22:17
- Flow cell FAL58500 has 21 pores available for sequencing. Starting sequencing with 20 pores January 12, 20:47
- Performing Mux Scan January 12, 20:45
- Flow cell FAL58500 has 25 pores available for sequencing. Starting sequencing with 25 pores January 12, 19:15
- Performing Mux Scan January 12, 19:13
- Flow cell FAL58500 has 25 pores available for sequencing. Starting sequencing with 24 pores January 12, 17:43
- Performing Mux Scan January 12, 17:42
- Flow cell FAL58500 has 24 pores available for sequencing. Starting sequencing with 24 pores January 12, 16:12
- Performing Mux Scan January 12, 16:10
- Flow cell FAL58500 has 32 pores available for sequencing. Starting sequencing with 31 pores January 12, 14:40
- Performing Mux Scan January 12, 14:38
- Flow cell FAL58500 has 29 pores available for sequencing. Starting sequencing with 27 pores January 12, 13:08

- Performing Mux Scan January 12, 13:06
- Flow cell FAL58500 has 35 pores available for sequencing. Starting sequencing with 34 pores January 12, 11:36
- Performing Mux Scan January 12, 11:35
- Flow cell FAL58500 has 44 pores available for sequencing. Starting sequencing with 43 pores January 12, 10:05
- Performing Mux Scan January 12, 10:03
- Flow cell FAL58500 has 44 pores available for sequencing. Starting sequencing with 44 pores January 12, 08:33
- Performing Mux Scan January 12, 08:31
- Flow cell FAL58500 has 44 pores available for sequencing. Starting sequencing with 43 pores January 12, 07:01
- Performing Mux Scan January 12, 06:59
- Flow cell FAL58500 has 48 pores available for sequencing. Starting sequencing with 45 pores January 12, 05:29
- Performing Mux Scan January 12, 05:28
- Flow cell FAL58500 has 56 pores available for sequencing. Starting sequencing with 51 pores January 12, 03:58
- Performing Mux Scan January 12, 03:56
- Flow cell FAL58500 has 57 pores available for sequencing. Starting sequencing with 53 pores January 12, 02:26
- Performing Mux Scan January 12, 02:24
- Flow cell FAL58500 has 59 pores available for sequencing. Starting sequencing with 55 pores January 12, 00:54
- Performing Mux Scan January 12, 00:52
- Flow cell FAL58500 has 70 pores available for sequencing. Starting sequencing with 66 pores January 11, 23:22
- Performing Mux Scan January 11, 23:21
- Flow cell FAL58500 has 72 pores available for sequencing. Starting sequencing with 69 pores January 11, 21:51
- Performing Mux Scan January 11, 21:49
- Flow cell FAL58500 has 72 pores available for sequencing. Starting sequencing with 68 pores January 11, 20:19
- Performing Mux Scan January 11, 20:17
- Flow cell FAL58500 has 75 pores available for sequencing. Starting sequencing with 70 pores January 11, 18:47
- Performing Mux Scan January 11, 18:45
- Flow cell FAL58500 has 79 pores available for sequencing. Starting sequencing with 76 pores January 11, 17:15
- Performing Mux Scan January 11, 17:14
- Flow cell FAL58500 has 88 pores available for sequencing. Starting sequencing with 83 pores January 11, 15:44
- Performing Mux Scan January 11, 15:42
- The sequencing device is struggling to keep up with the rate of data generation. Please check that no other compute-intensive processes are running in the background. January 11, 15:33
- Flow cell FAL58500 has 95 pores available for sequencing. Starting sequencing with 88

- pores January 11, 14:12
- Performing Mux Scan January 11, 14:10
- Flow cell FAL58500 has 83 pores available for sequencing. Starting sequencing with 78 pores January 11, 12:40
- Performing Mux Scan January 11, 12:38
- Flow cell FAL58500 has 89 pores available for sequencing. Starting sequencing with 80 pores January 11, 11:08
- Performing Mux Scan January 11, 11:07
- Flow cell FAL58500 has 93 pores available for sequencing. Starting sequencing with 86 pores January 11, 09:37
- Performing Mux Scan January 11, 09:35
- Flow cell FAL58500 has 91 pores available for sequencing. Starting sequencing with 83 pores January 11, 08:05
- Performing Mux Scan January 11, 08:03
- Flow cell FAL58500 has 102 pores available for sequencing. Starting sequencing with 90 pores January 11, 06:33
- Performing Mux Scan January 11, 06:31
- Flow cell FAL58500 has 93 pores available for sequencing. Starting sequencing with 82 pores January 11, 05:01
- Performing Mux Scan January 11, 05:00
- Flow cell FAL58500 has 111 pores available for sequencing. Starting sequencing with 99 pores January 11, 03:30
- Performing Mux Scan January 11, 03:28
- Flow cell FAL58500 has 120 pores available for sequencing. Starting sequencing with 105 pores January 11, 01:58
- Performing Mux Scan January 11, 01:56
- Flow cell FAL58500 has 137 pores available for sequencing. Starting sequencing with 120 pores January 11, 00:26
- Performing Mux Scan January 11, 00:24
- Flow cell FAL58500 has 157 pores available for sequencing. Starting sequencing with 138 pores January 10, 22:54
- Performing Mux Scan January 10, 22:53
- Flow cell FAL58500 has 169 pores available for sequencing. Starting sequencing with 150 pores January 10, 21:23
- Performing Mux Scan January 10, 21:21
- Flow cell FAL58500 has 198 pores available for sequencing. Starting sequencing with 154 pores January 10, 19:51
- Performing Mux Scan January 10, 19:49
- Flow cell FAL58500 has 211 pores available for sequencing. Starting sequencing with 171 pores January 10, 18:19
- Performing Mux Scan January 10, 18:17
- Flow cell FAL58500 has 223 pores available for sequencing. Starting sequencing with 178 pores January 10, 16:47
- Performing Mux Scan January 10, 16:46
- Flow cell FAL58500 has 263 pores available for sequencing. Starting sequencing with 208 pores January 10, 15:16

- Performing Mux Scan January 10, 15:14
- Flow cell FAL58500 has 298 pores available for sequencing. Starting sequencing with 225 pores January 10, 13:44
- Performing Mux Scan January 10, 13:42
- Flow cell FAL58500 has 318 pores available for sequencing. Starting sequencing with 240 pores January 10, 12:12
- Performing Mux Scan January 10, 12:10
- Flow cell FAL58500 has 351 pores available for sequencing. Starting sequencing with 261 pores January 10, 10:40
- Performing Mux Scan January 10, 10:38
- Flow cell FAL58500 has 414 pores available for sequencing. Starting sequencing with 298 pores January 10, 09:08
- Performing Mux Scan January 10, 09:07
- Starting sequencing procedure January 10, 09:07
- Waiting for temperature to stabilise at 34.0°C January 10, 09:06
- Disk E:\ has 910 GB space remaining January 10, 09:05