Run Info

Host Name	**GXb03422 (localhost)**
Position	**X1**
Experiment Name	**ReadUntil_Comp_En_Scoelicolor72h_230921**
Sample ID	**ReadUntil_Comp_En_Scoelicolor72h_230921**
Run ID	**aeabcb9b-4ccf-44b2-a14a-298827506d59**
Acquisition ID(s)	**5aea95a64a979ce03debce80c010c926352cb9b4, 3e02c06e938731a978e7624a12e50fa65a8b99d4**
Flow Cell Id	**FAR08339**
Start Time	**September 23, 18:18**
Run Length	**3d 0h 4m**

Run Summary

Reads Generated	**2.96 M**
Passed Bases	**5.4 Gb**
Failed Bases	**1.25 Gb**
Estimated Bases	**7.12 Gb**

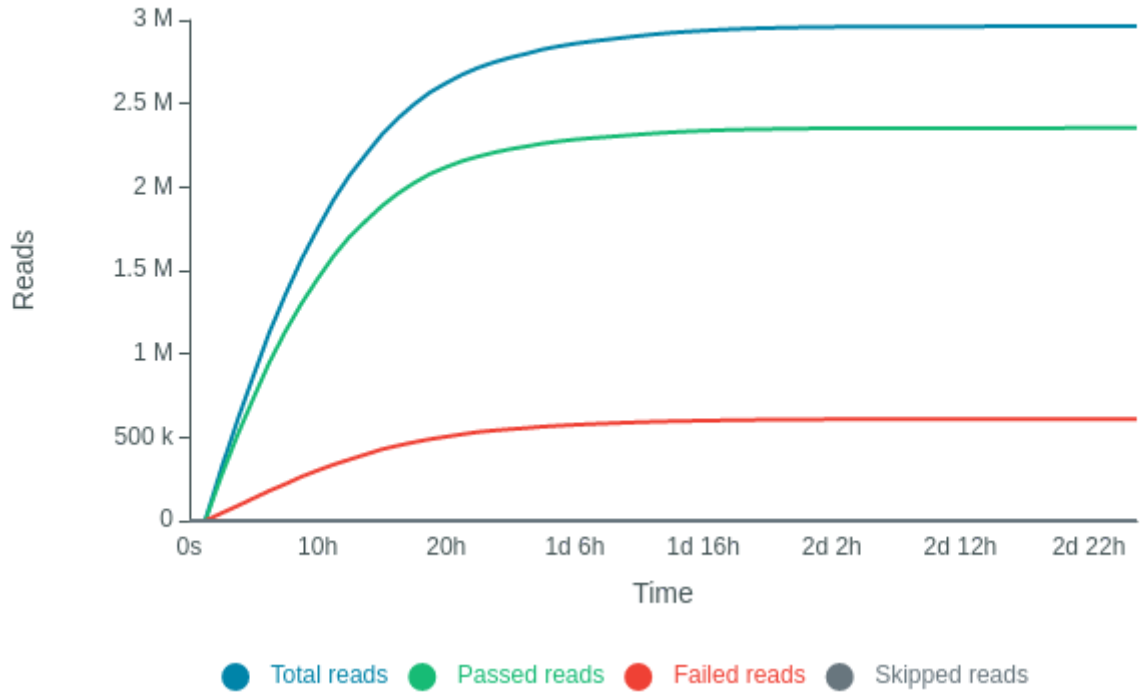
Run Parameters

Flow Cell Type	**FLO-MIN106**
Kit	**SQK-LSK109**
Initial bias voltage	**-180 mV**
FAST5 output	**Enabled**
FASTQ output	**Enabled**
BAM output	**Enabled**
Bulk file output	**Disabled**
Active channel selection	**Enabled**
Basecalling	**Enabled**
Specified run length	**72 hours**
Adaptive sampling	**reference_files= ["/data/references/compost/S_coelicolor.fasta"],filter_type=enrich,first_channel=1,last_channel=256**
FAST5 reads per file	**4000**
FAST5 output options	**vbz_compress,fastq,raw**
FASTQ reads per file	**4000**
FASTQ output options	**compress**
Mux scan period	**1 hour 30 minutes**
Reserved pores	**0 %**
Basecall model	**High-accuracy basecalling**
Alignment	**reference_files=["/data/references/compost/Compost_targets.fasta"]**
Read filtering	**min_qscore=9**

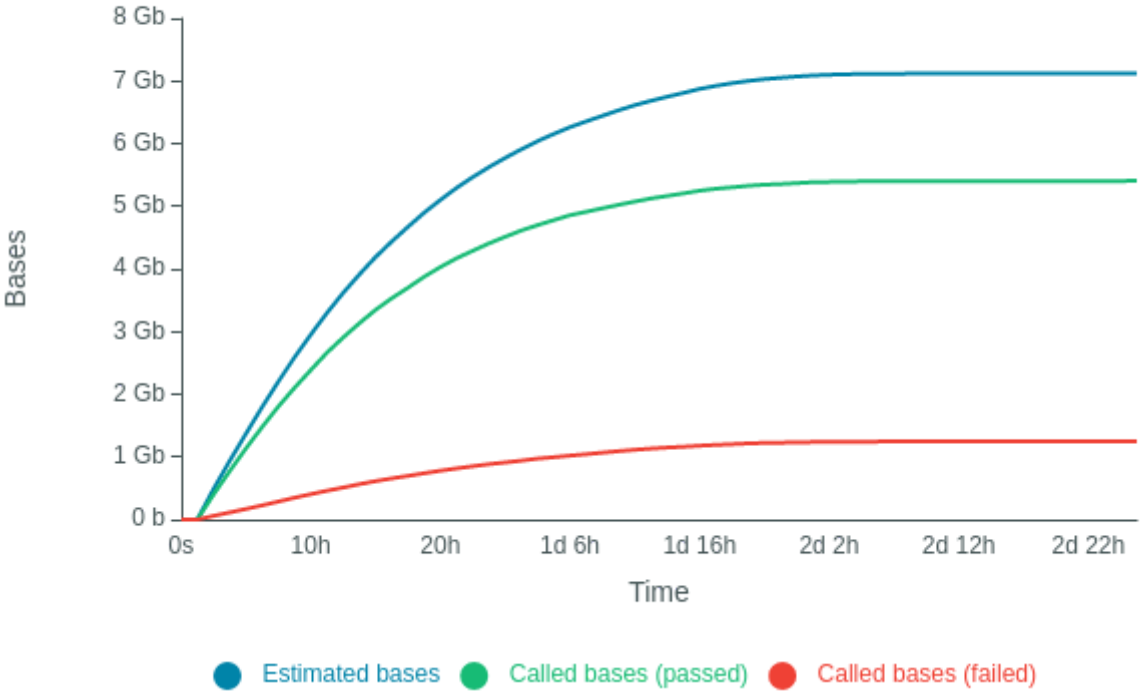
Versions

MinKNOW	**21.05.20**
MinKNOW Core	**4.3.11**
Bream	**6.2.6**
Guppy	**5.0.13**

Cumulative Output Reads

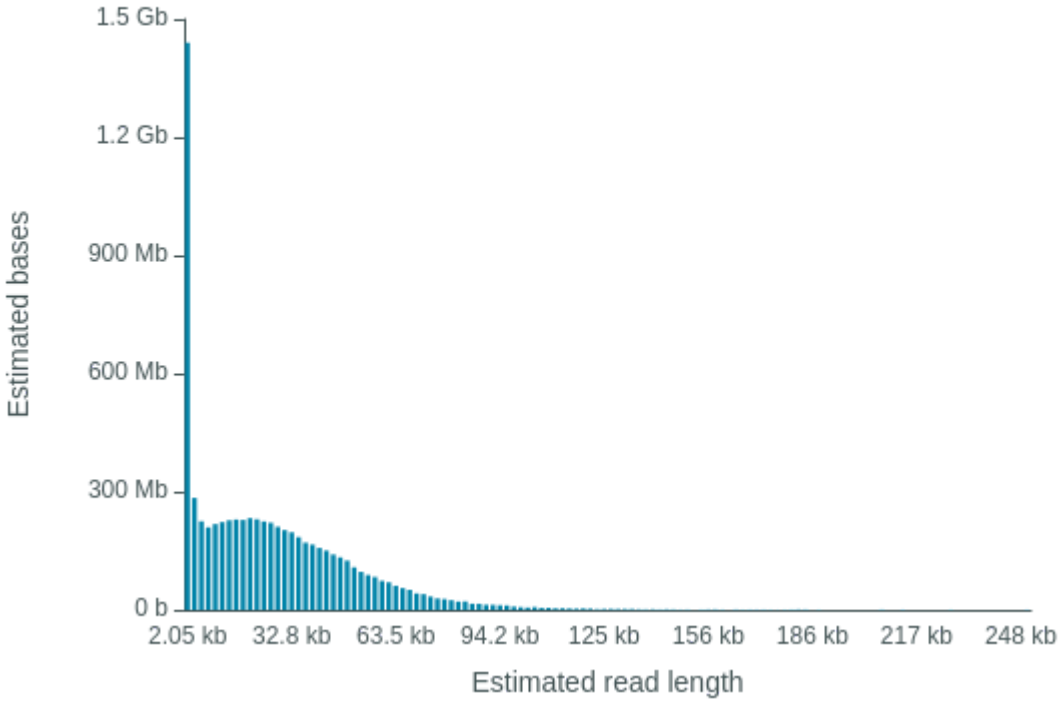


Cumulative Output Bases



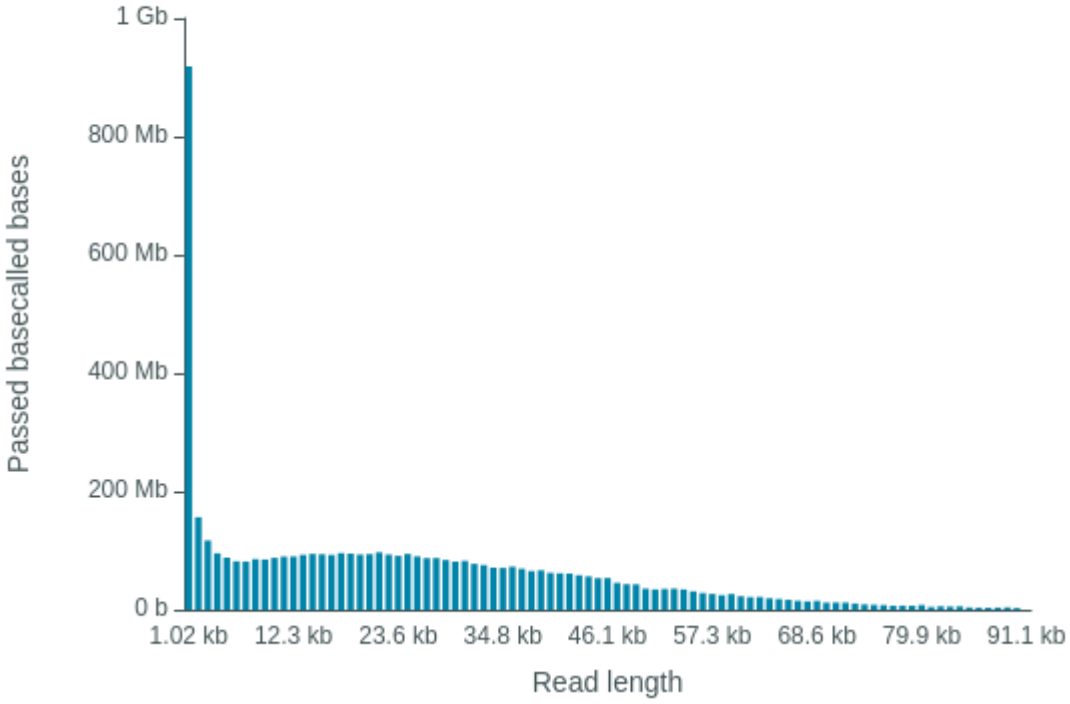
Read Length Histogram Estimated Bases - Outliers Discarded

Estimated N50: 20.87 kb



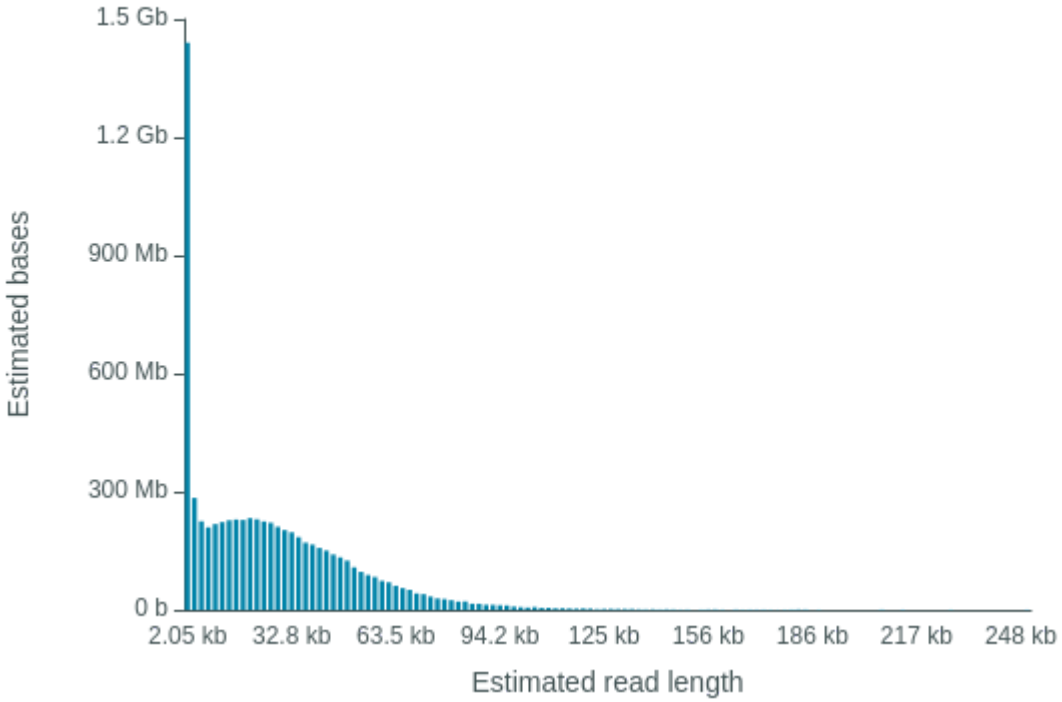
Read Length Histogram Basecalled Bases - Outliers Discarded

Estimated N50: 19.89 kb



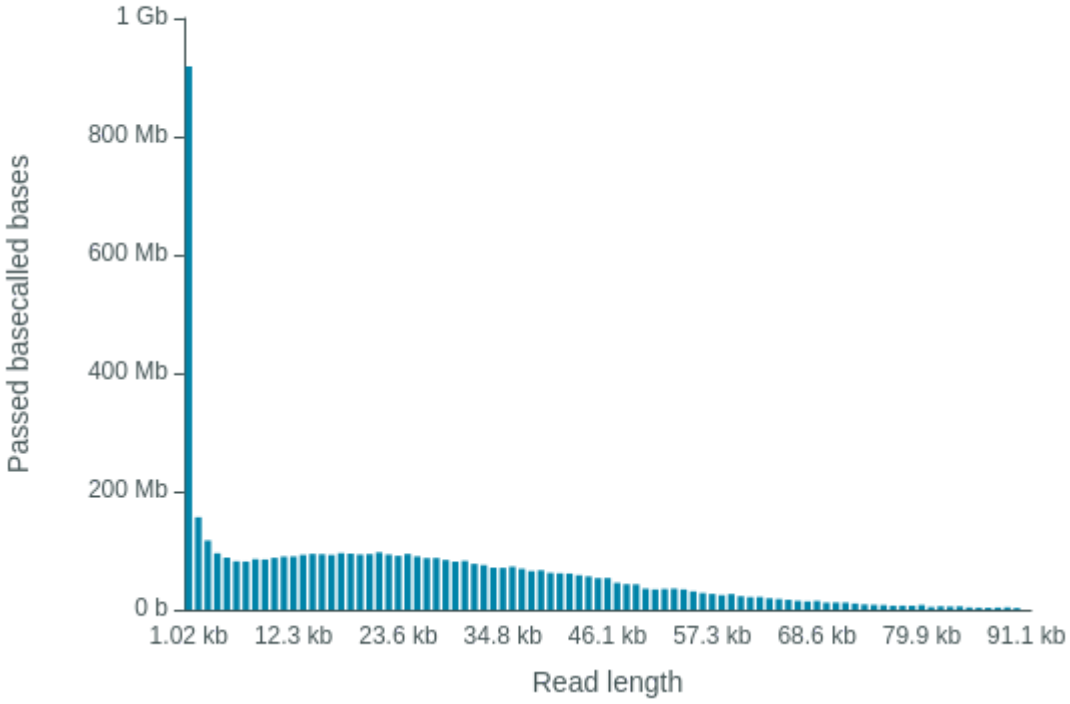
Read Length Histogram Estimated Bases

Estimated N50: 20.87 kb

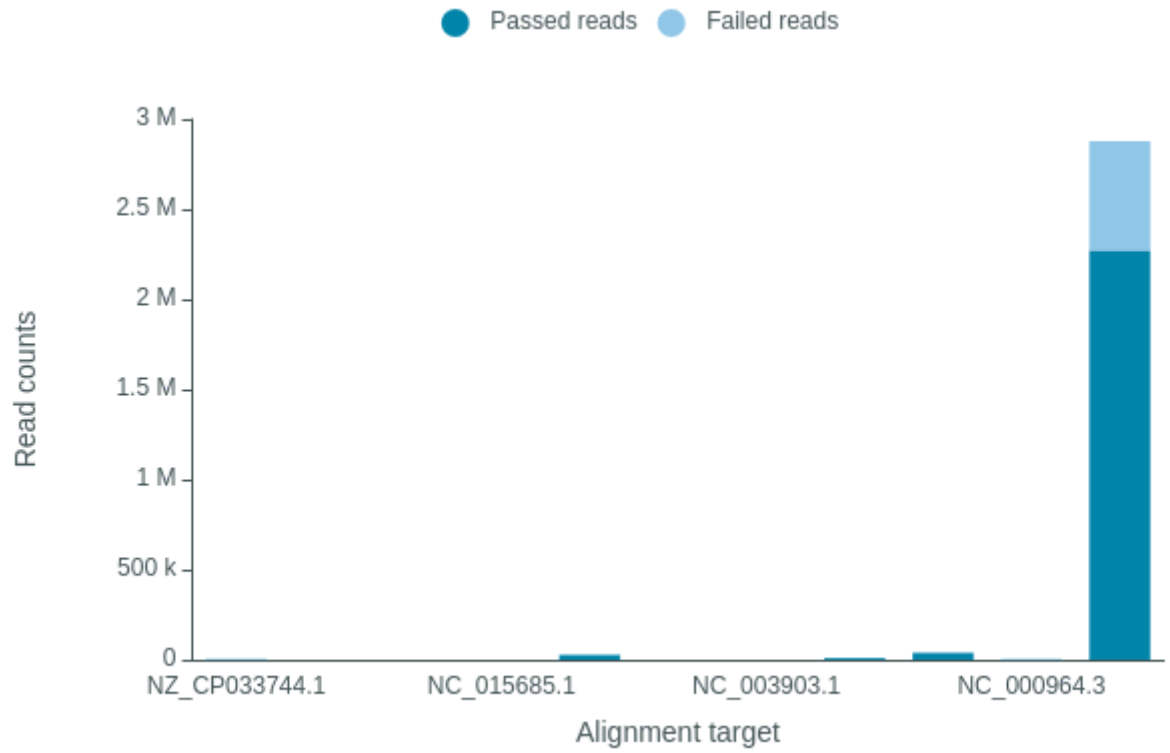


Read Length Histogram Basecalled Bases

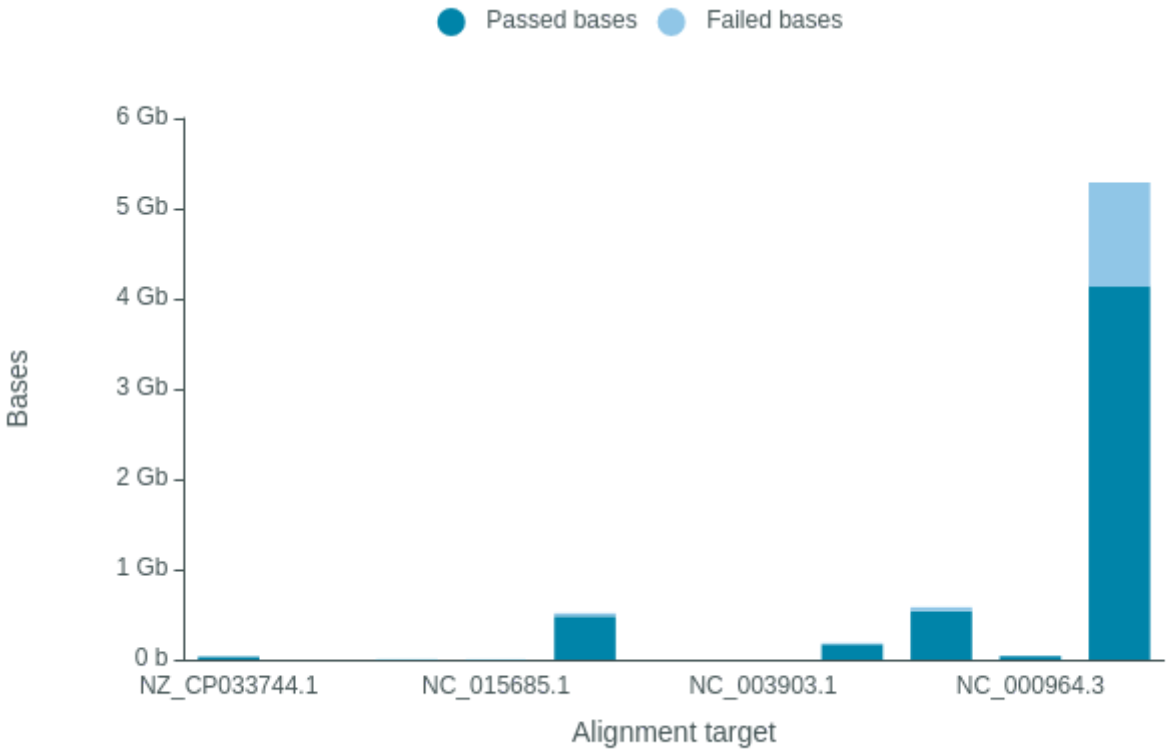
Estimated N50: 19.89 kb



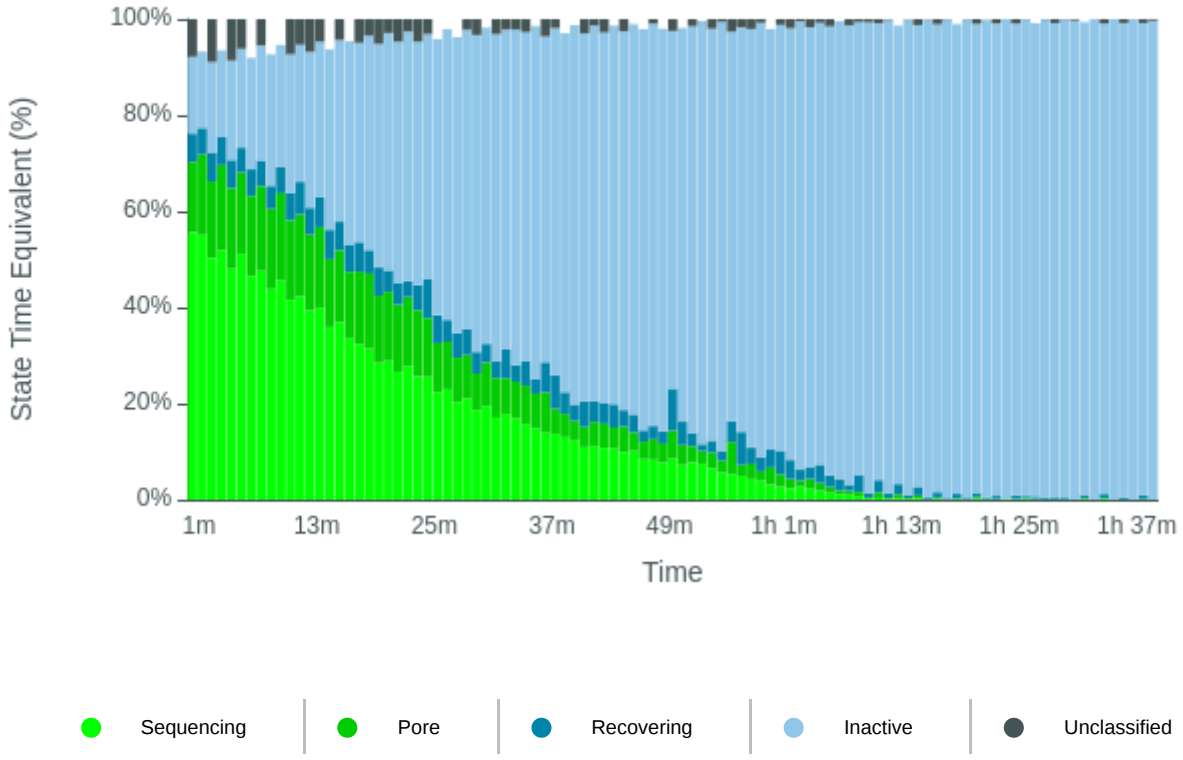
Alignment Target Hits (reads)



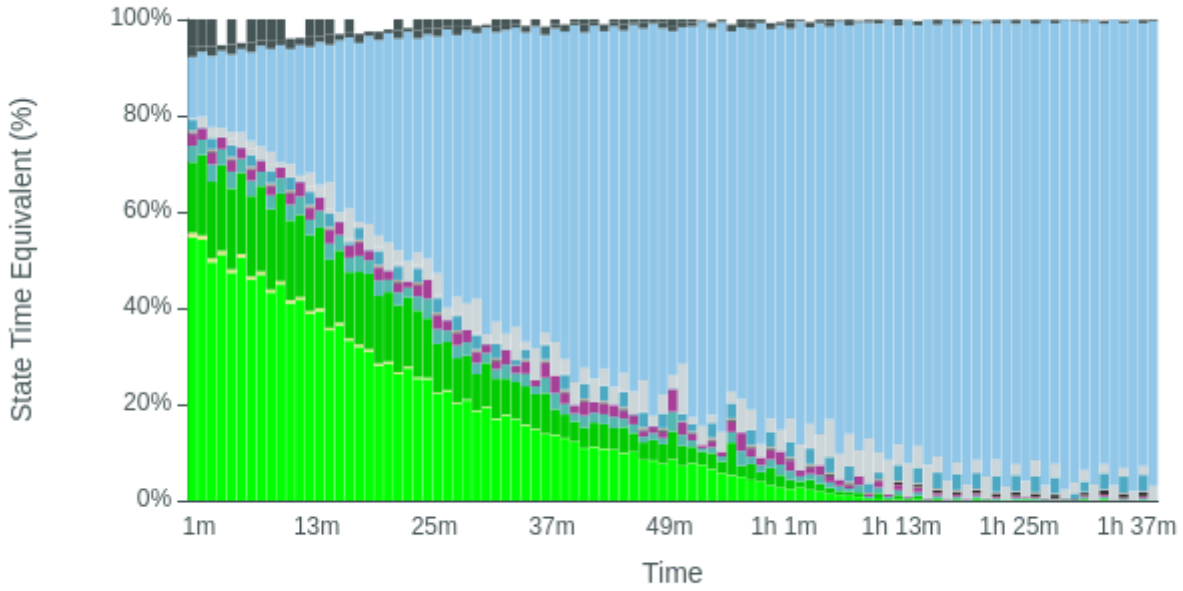
Alignment Target Hits (bases)



Duty Time Grouped

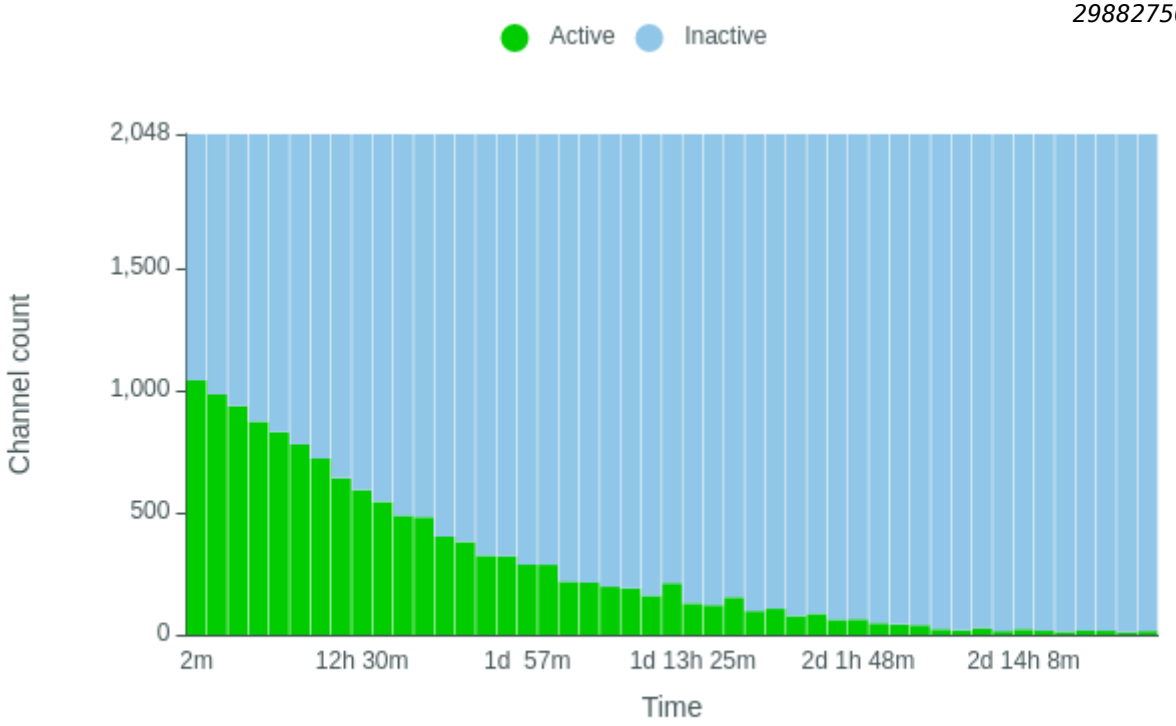


Duty time Categorised

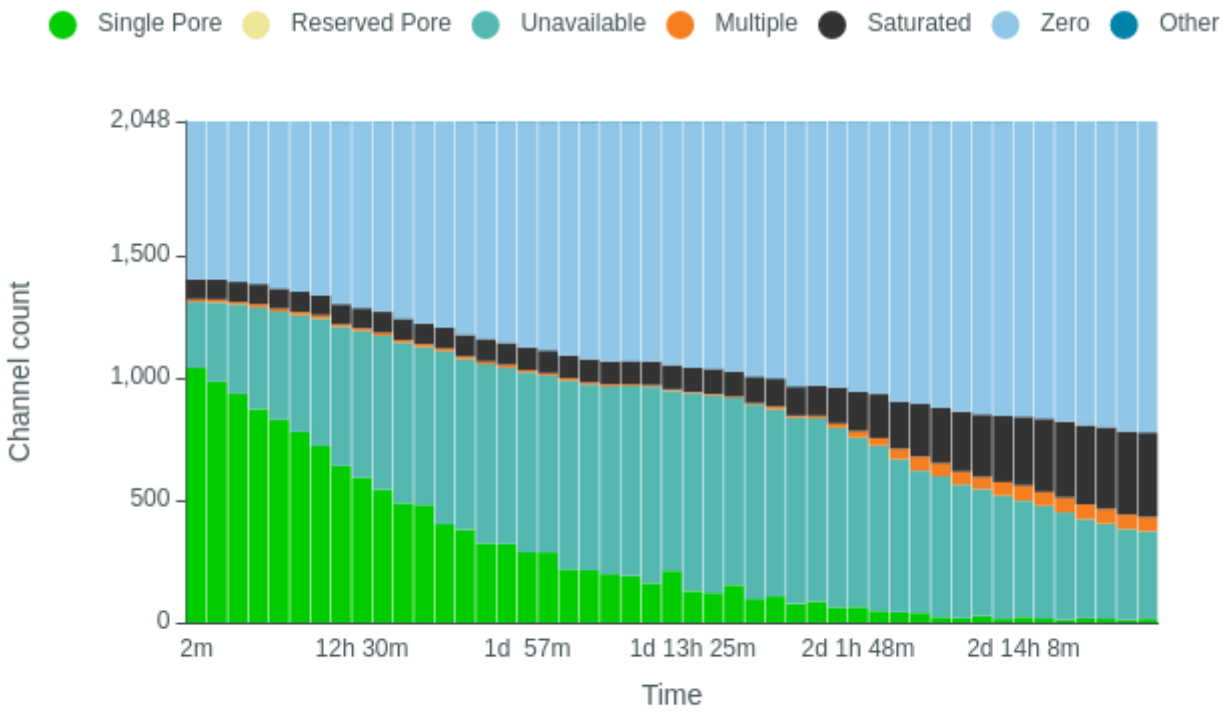


Strand
Adapter
Single Pore
Unavailable
Active Feedback
No Pore From Scan
Out Of Range 2
Possible Multiple
Saturated
Out Of Range 1
Zero
Channel Disabled
Unclassified
Unclassified_following_reset
Pending_manual_reset
Pending_mux_change
Pending Reselection

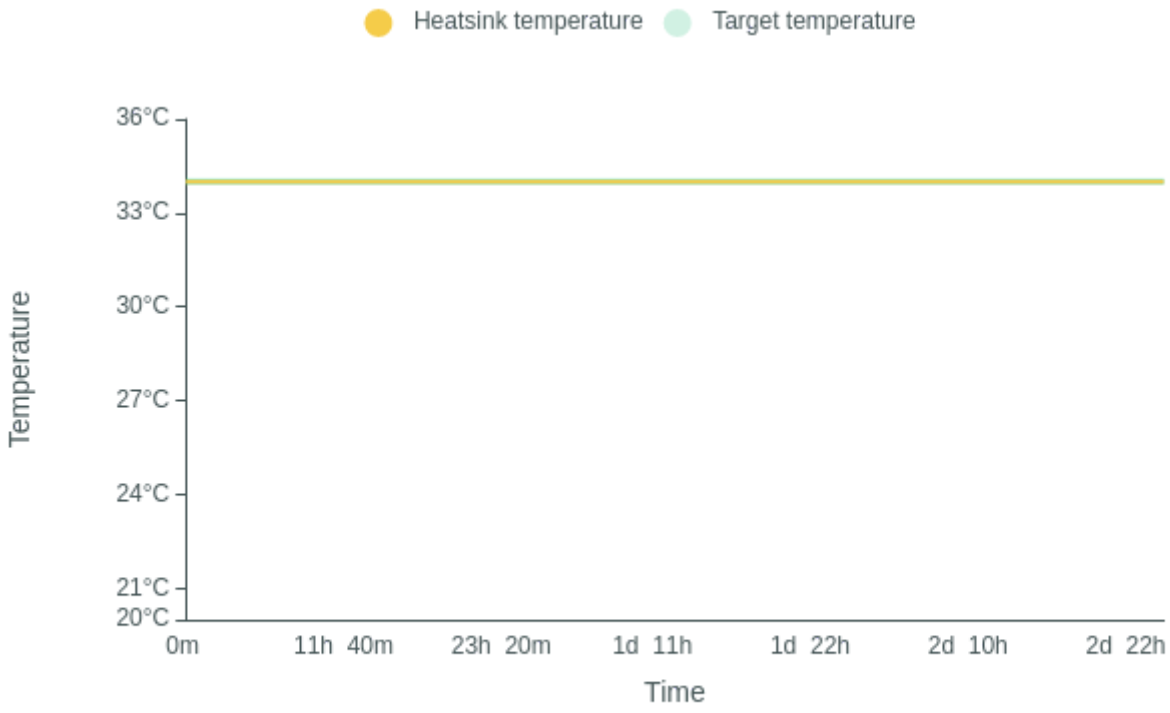
Mux Scan Grouped



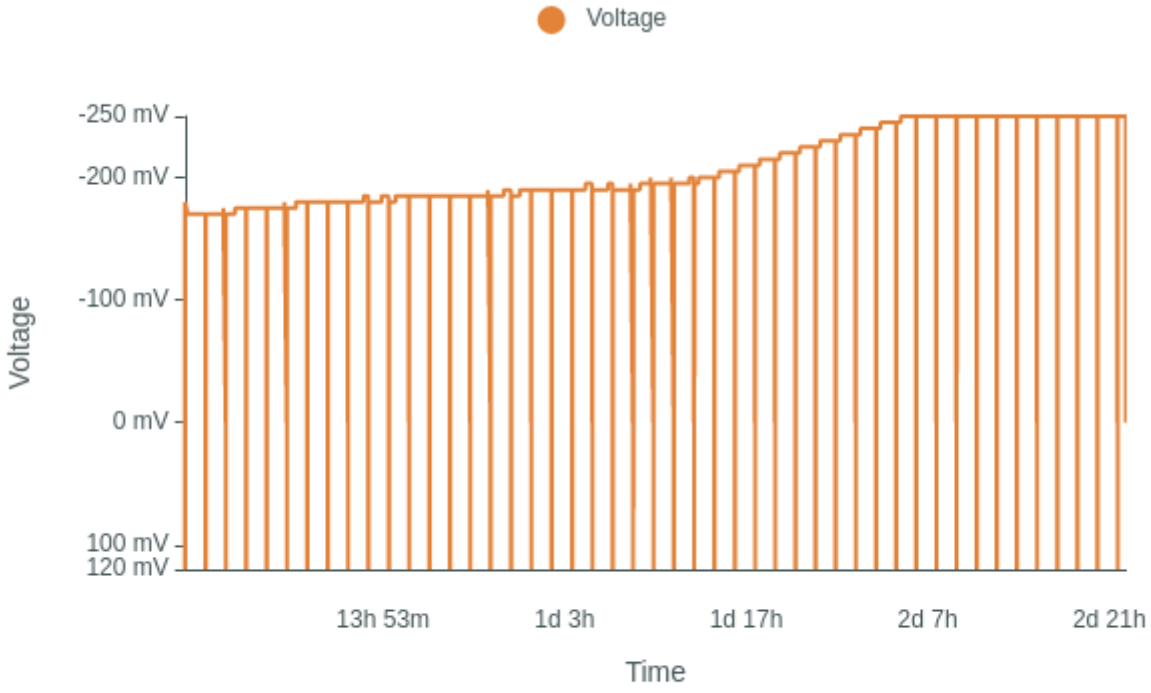
Mux Scan Categorised



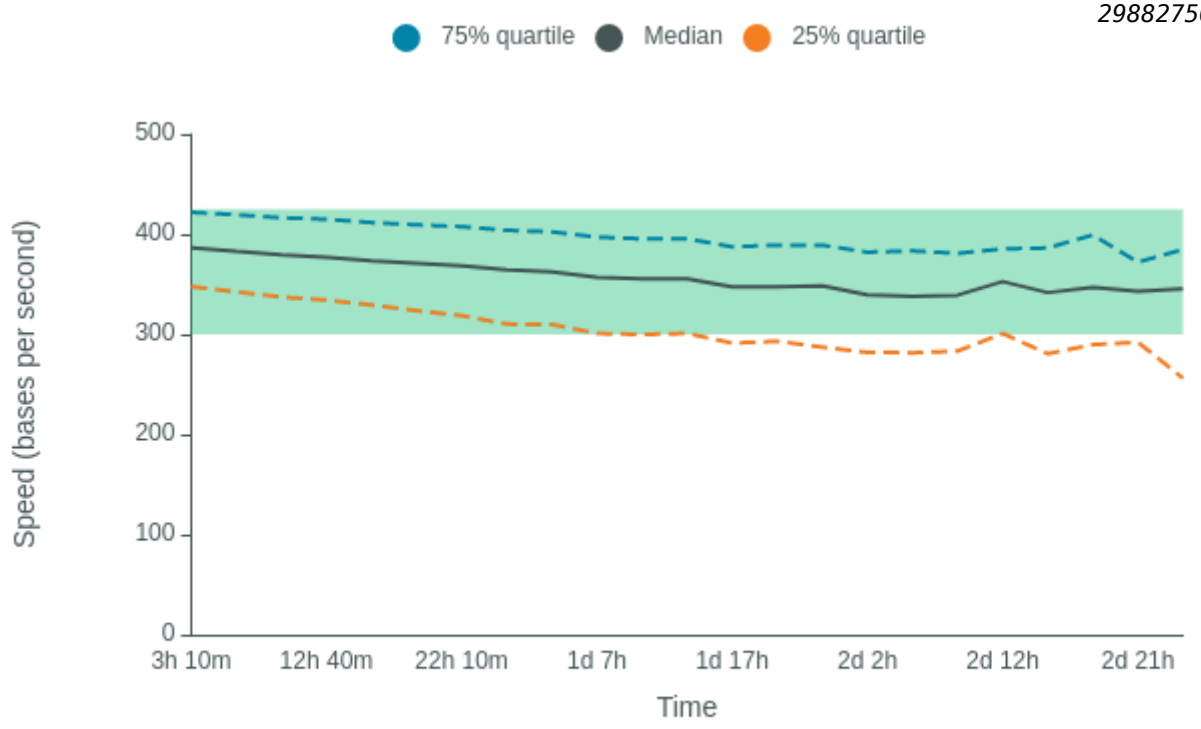
Temperature History



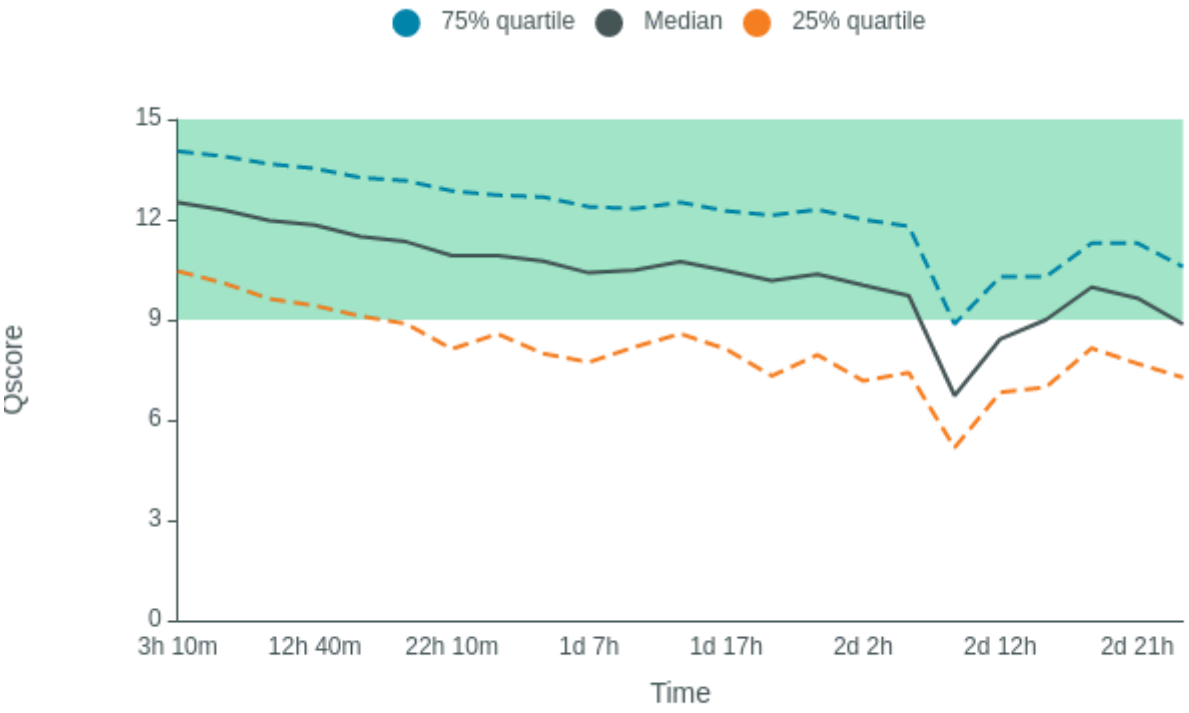
Bias Voltage History



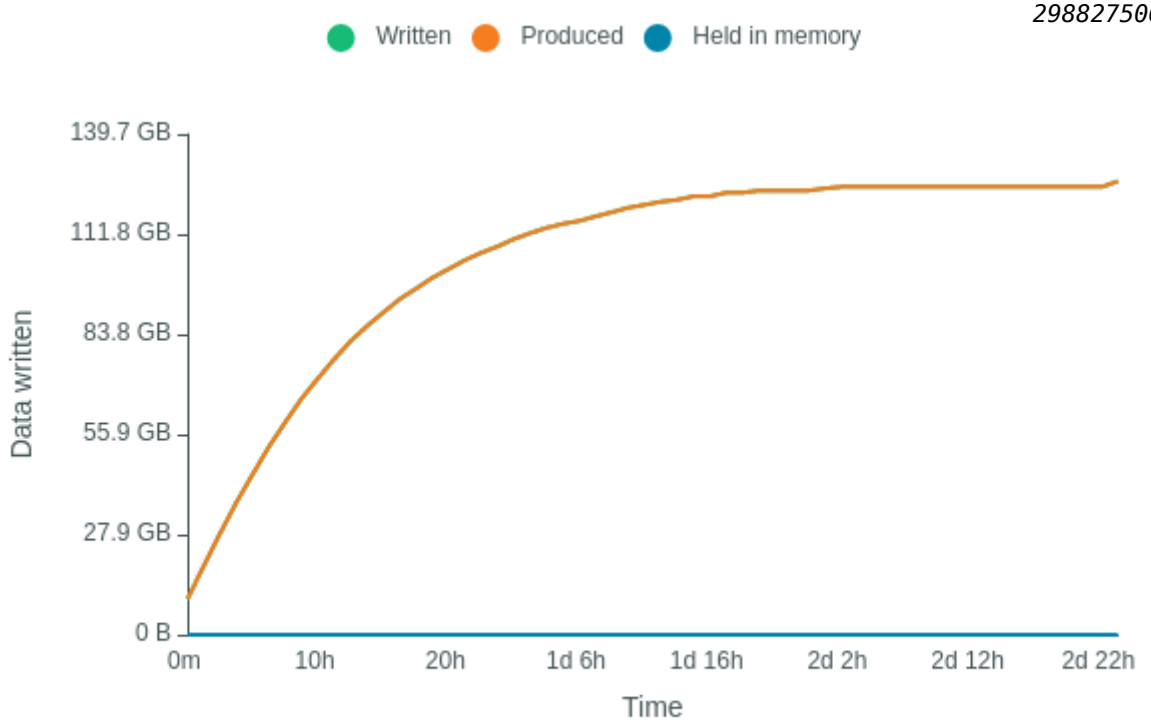
Translocation Speed



QScore



Disk Write Performance



Run Debug Messages

- The sequencing run has finished, but basecalling may continue September 26, 18:23
- Mux scan for flow cell FAR08339 has found a total of 15 pores. 15 pores available for immediate sequencing September 26, 17:46
- Performing Mux Scan September 26, 17:43
- Mux scan for flow cell FAR08339 has found a total of 10 pores. 10 pores available for immediate sequencing September 26, 16:13
- Performing Mux Scan September 26, 16:11
- Mux scan for flow cell FAR08339 has found a total of 16 pores. 16 pores available for immediate sequencing September 26, 14:41
- Performing Mux Scan September 26, 14:38
- Mux scan for flow cell FAR08339 has found a total of 17 pores. 17 pores available for immediate sequencing September 26, 13:08
- Performing Mux Scan September 26, 13:06
- Mux scan for flow cell FAR08339 has found a total of 12 pores. 12 pores available for immediate sequencing September 26, 11:36
- Performing Mux Scan September 26, 11:34
- Mux scan for flow cell FAR08339 has found a total of 16 pores. 16 pores available for immediate sequencing September 26, 10:03
- Performing Mux Scan September 26, 10:01
- Mux scan for flow cell FAR08339 has found a total of 22 pores. 21 pores available for immediate sequencing September 26, 08:31
- Performing Mux Scan September 26, 08:29
- Mux scan for flow cell FAR08339 has found a total of 15 pores. 15 pores available for immediate sequencing September 26, 06:59
- Performing Mux Scan September 26, 06:56
- Mux scan for flow cell FAR08339 has found a total of 27 pores. 26 pores available for immediate sequencing September 26, 05:26
- Performing Mux Scan September 26, 05:24
- Mux scan for flow cell FAR08339 has found a total of 18 pores. 17 pores available for immediate sequencing September 26, 03:54
- Performing Mux Scan September 26, 03:51
- Mux scan for flow cell FAR08339 has found a total of 22 pores. 21 pores available for immediate sequencing September 26, 02:21
- Performing Mux Scan September 26, 02:19
- Mux scan for flow cell FAR08339 has found a total of 39 pores. 38 pores available for immediate sequencing September 26, 00:49
- Performing Mux Scan September 26, 00:46
- Mux scan for flow cell FAR08339 has found a total of 42 pores. 40 pores available for immediate sequencing September 25, 23:16
- Performing Mux Scan September 25, 23:14
- Mux scan for flow cell FAR08339 has found a total of 47 pores. 44 pores available for immediate sequencing September 25, 21:44
- Performing Mux Scan September 25, 21:41
- Mux scan for flow cell FAR08339 has found a total of 63 pores. 56 pores available for immediate sequencing September 25, 20:11
- Performing Mux Scan September 25, 20:09
- Mux scan for flow cell FAR08339 has found a total of 62 pores. 52 pores available for immediate sequencing September 25, 18:39
- Performing Mux Scan September 25, 18:37
- Mux scan for flow cell FAR08339 has found a total of 86 pores. 74 pores available for immediate

sequencing September 25, 17:06

- Performing Mux Scan September 25, 17:04
- Mux scan for flow cell FAR08339 has found a total of 77 pores. 62 pores available for immediate sequencing September 25, 15:34
- Performing Mux Scan September 25, 15:31
- Mux scan for flow cell FAR08339 has found a total of 106 pores. 81 pores available for immediate sequencing September 25, 14:01
- Performing Mux Scan September 25, 13:59
- Mux scan for flow cell FAR08339 has found a total of 97 pores. 64 pores available for immediate sequencing September 25, 12:28
- Performing Mux Scan September 25, 12:26
- Mux scan for flow cell FAR08339 has found a total of 153 pores. 116 pores available for immediate sequencing September 25, 10:55
- Performing Mux Scan September 25, 10:53
- Mux scan for flow cell FAR08339 has found a total of 121 pores. 76 pores available for immediate sequencing September 25, 09:22
- Performing Mux Scan September 25, 09:19
- Mux scan for flow cell FAR08339 has found a total of 128 pores. 82 pores available for immediate sequencing September 25, 07:48
- Performing Mux Scan September 25, 07:46
- Mux scan for flow cell FAR08339 has found a total of 211 pores. 146 pores available for immediate sequencing September 25, 06:15
- Performing Mux Scan September 25, 06:12
- Mux scan for flow cell FAR08339 has found a total of 160 pores. 95 pores available for immediate sequencing September 25, 04:41
- Performing Mux Scan September 25, 04:39
- Mux scan for flow cell FAR08339 has found a total of 190 pores. 122 pores available for immediate sequencing September 25, 03:08
- Performing Mux Scan September 25, 03:05
- Mux scan for flow cell FAR08339 has found a total of 196 pores. 128 pores available for immediate sequencing September 25, 01:34
- Performing Mux Scan September 25, 01:32
- Mux scan for flow cell FAR08339 has found a total of 214 pores. 136 pores available for immediate sequencing September 25, 00:01
- Performing Mux Scan September 24, 23:59
- Mux scan for flow cell FAR08339 has found a total of 218 pores. 132 pores available for immediate sequencing September 24, 22:27
- Performing Mux Scan September 24, 22:25
- Mux scan for flow cell FAR08339 has found a total of 286 pores. 178 pores available for immediate sequencing September 24, 20:54
- Performing Mux Scan September 24, 20:52
- Mux scan for flow cell FAR08339 has found a total of 287 pores. 169 pores available for immediate sequencing September 24, 19:21
- Performing Mux Scan September 24, 19:18
- Mux scan for flow cell FAR08339 has found a total of 322 pores. 189 pores available for immediate sequencing September 24, 17:47
- Performing Mux Scan September 24, 17:45
- Mux scan for flow cell FAR08339 has found a total of 324 pores. 186 pores available for immediate sequencing September 24, 16:14
- Performing Mux Scan September 24, 16:11
- Mux scan for flow cell FAR08339 has found a total of 380 pores. 221 pores available for immediate sequencing September 24, 14:40

- Performing Mux Scan September 24, 14:38
- Mux scan for flow cell FAR08339 has found a total of 402 pores. 216 pores available for immediate sequencing September 24, 13:07
- Performing Mux Scan September 24, 13:04
- Mux scan for flow cell FAR08339 has found a total of 481 pores. 273 pores available for immediate sequencing September 24, 11:33
- Performing Mux Scan September 24, 11:31
- Mux scan for flow cell FAR08339 has found a total of 488 pores. 268 pores available for immediate sequencing September 24, 10:00
- Performing Mux Scan September 24, 09:57
- Mux scan for flow cell FAR08339 has found a total of 544 pores. 289 pores available for immediate sequencing September 24, 08:26
- Performing Mux Scan September 24, 08:24
- Mux scan for flow cell FAR08339 has found a total of 592 pores. 312 pores available for immediate sequencing September 24, 06:53
- Performing Mux Scan September 24, 06:50
- Mux scan for flow cell FAR08339 has found a total of 640 pores. 329 pores available for immediate sequencing September 24, 05:19
- Performing Mux Scan September 24, 05:17
- Mux scan for flow cell FAR08339 has found a total of 721 pores. 360 pores available for immediate sequencing September 24, 03:46
- Performing Mux Scan September 24, 03:44
- Mux scan for flow cell FAR08339 has found a total of 779 pores. 373 pores available for immediate sequencing September 24, 02:12
- Performing Mux Scan September 24, 02:10
- Mux scan for flow cell FAR08339 has found a total of 829 pores. 387 pores available for immediate sequencing September 24, 00:39
- Performing Mux Scan September 24, 00:37
- Mux scan for flow cell FAR08339 has found a total of 873 pores. 405 pores available for immediate sequencing September 23, 23:06
- Performing Mux Scan September 23, 23:03
- Mux scan for flow cell FAR08339 has found a total of 935 pores. 423 pores available for immediate sequencing September 23, 21:32
- Performing Mux Scan September 23, 21:30
- Mux scan for flow cell FAR08339 has found a total of 984 pores. 430 pores available for immediate sequencing September 23, 19:59
- Performing Mux Scan September 23, 19:56
- Mux scan for flow cell FAR08339 has found a total of 1040 pores. 443 pores available for immediate sequencing September 23, 18:25
- Performing Mux Scan September 23, 18:23
- Starting sequencing procedure September 23, 18:23
- Waiting up to 300 seconds for temperature to stabilise at 34.0°C September 23, 18:18