Run Info

Host Name	**GXB01190 (localhost)**
Experiment Name	**ReadUntilMock_15kbSE_SdEnrich_08122020_2**
Sample ID	**ReadUntilMock_15kbSE_SdEnrich_08122020_2**
Run ID	**830654ec-a260-48c1-826a-c76b72d8f3ce**
Flow Cell Id	**FAO52906**
Start Time	**December 8, 20:28**
Run Length	**3d 0h 3m**

Run Summary

Reads Generated	**1.77 M**
Passed Bases	**5 Gb**
Failed Bases	**487 Mb**
Estimated Bases	**5.82 Gb**

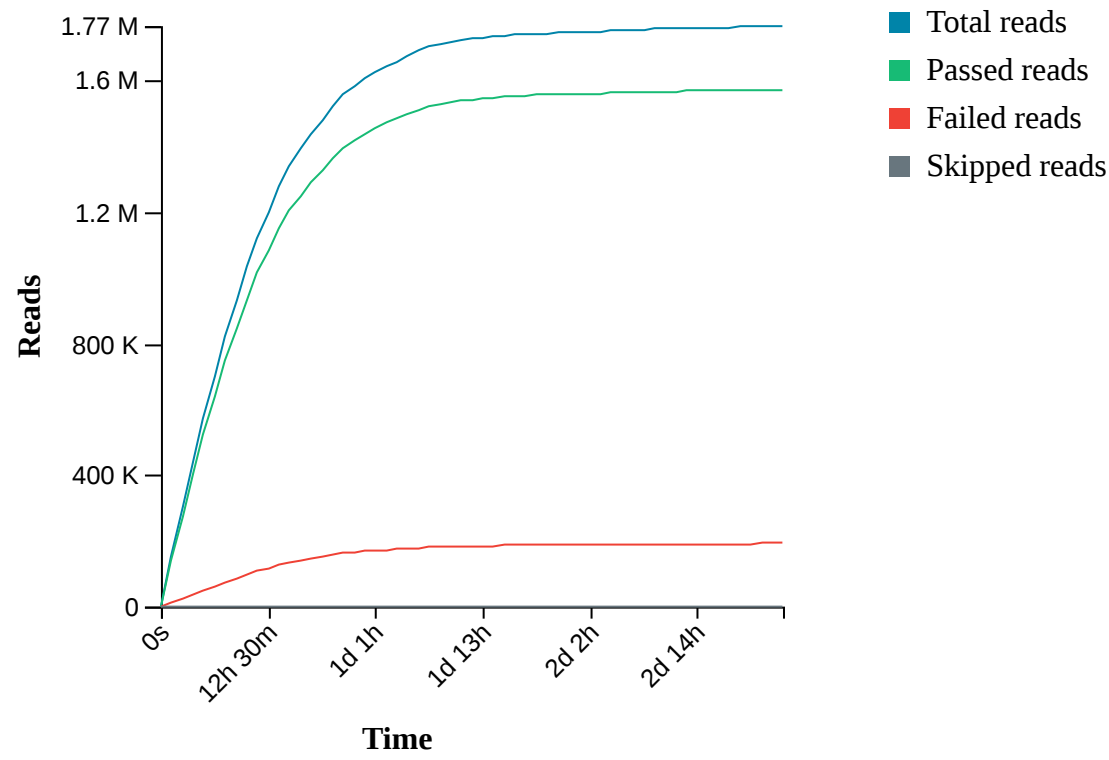
Run Parameters

Flow Cell Type	**FLO-MIN106**
Kit	**SQK-LSK109**
Initial Bias Voltage	**-185 mV**
FAST5 Output	**Enabled**
FASTQ Output	**Enabled**
BAM Output	**Enabled**
Active Channel Selection	**Enabled**
Basecalling	**on**
Specified Run Length	**72 hours**
Read Until	**reference_files= ["/data/references/S_dysgalactiae_ref.fasta"],filter_type=enrich,first_ channel=1,last_channel=256**
FAST5 Reads per File	**4000**
FAST5 Output Options	**zlib_compress,fastq,raw**
FASTQ Reads per File	**4000**
Mux Scan Period	**1 hour 30 minutes**
Reserved Pores	**0 %**
Basecall Model	**High-accuracy basecalling**
Alignment	**reference_files=["/data/references/the7references.fasta"]**
Read Filtering	**min_qscore=7**

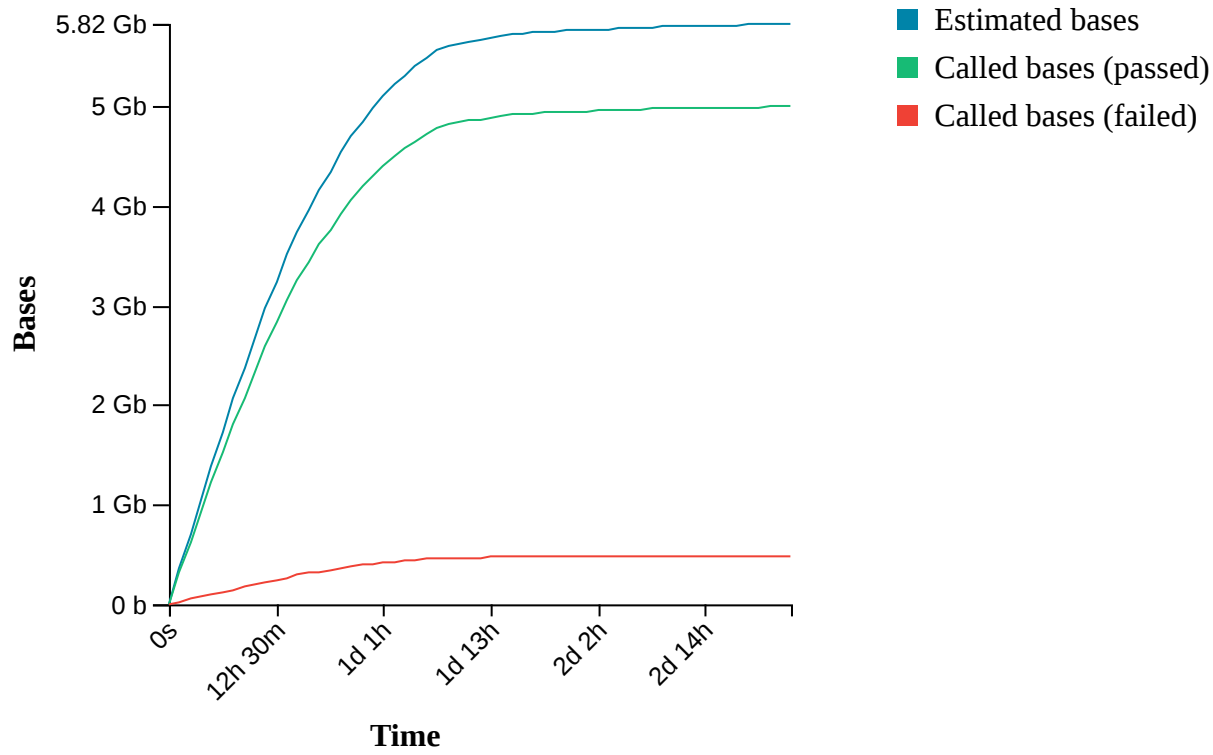
Versions

MinKNOW	**20.10.6**
MinKNOW Core	**4.1.2**
Bream	**6.1.4**
Guppy	**4.2.3**

Cumulative Output Reads

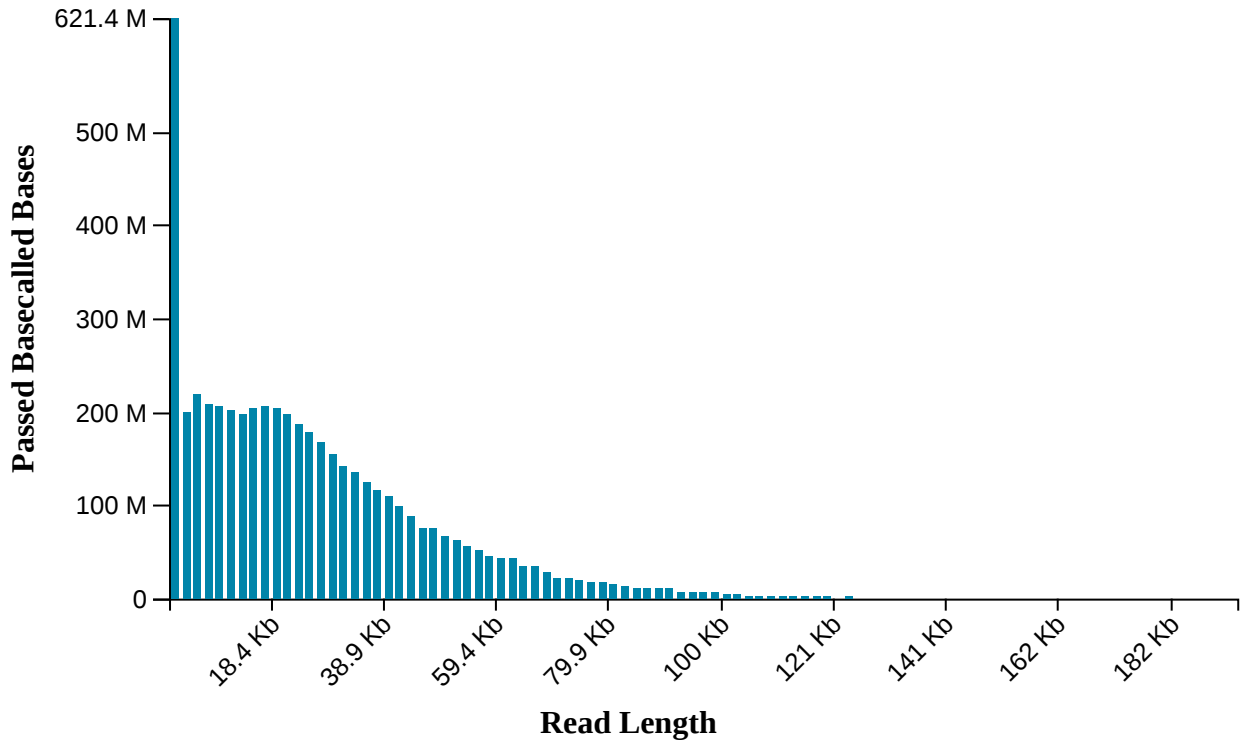


Cumulative Output Bases



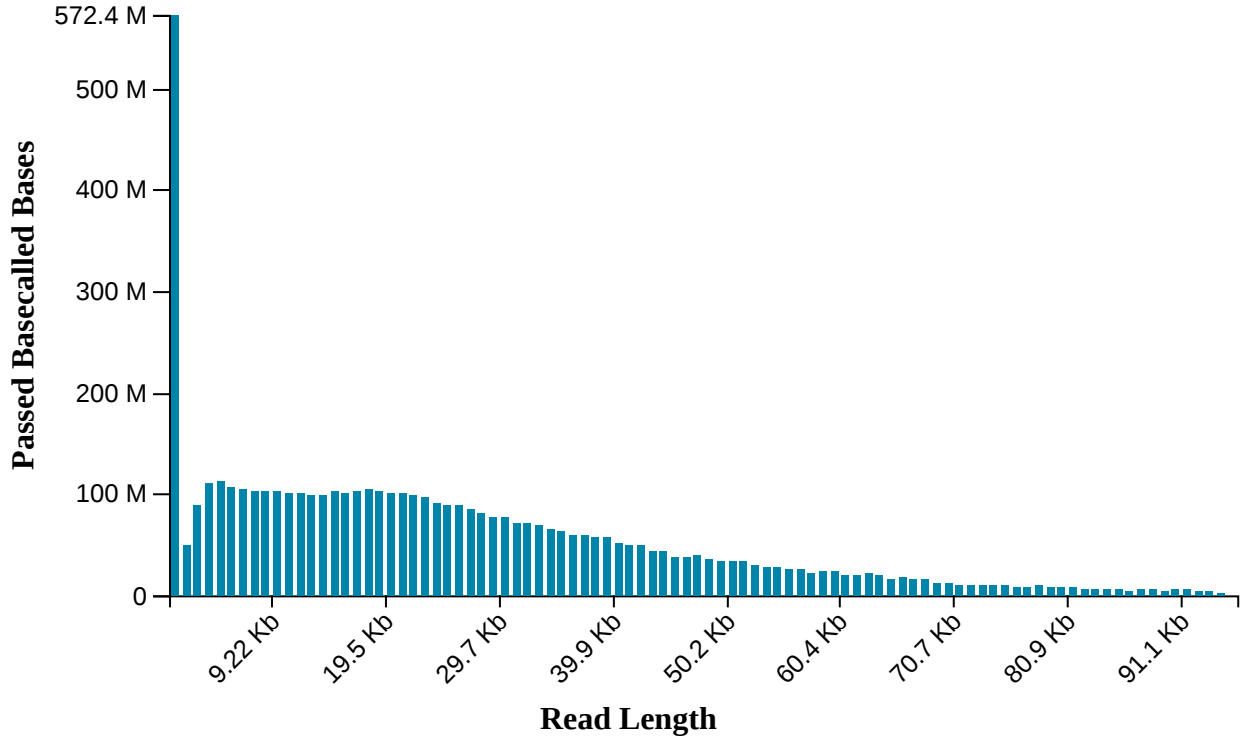
Read Length Histogram Estimated Bases - Outliers Discarded

Estimated N50: 20.81 K



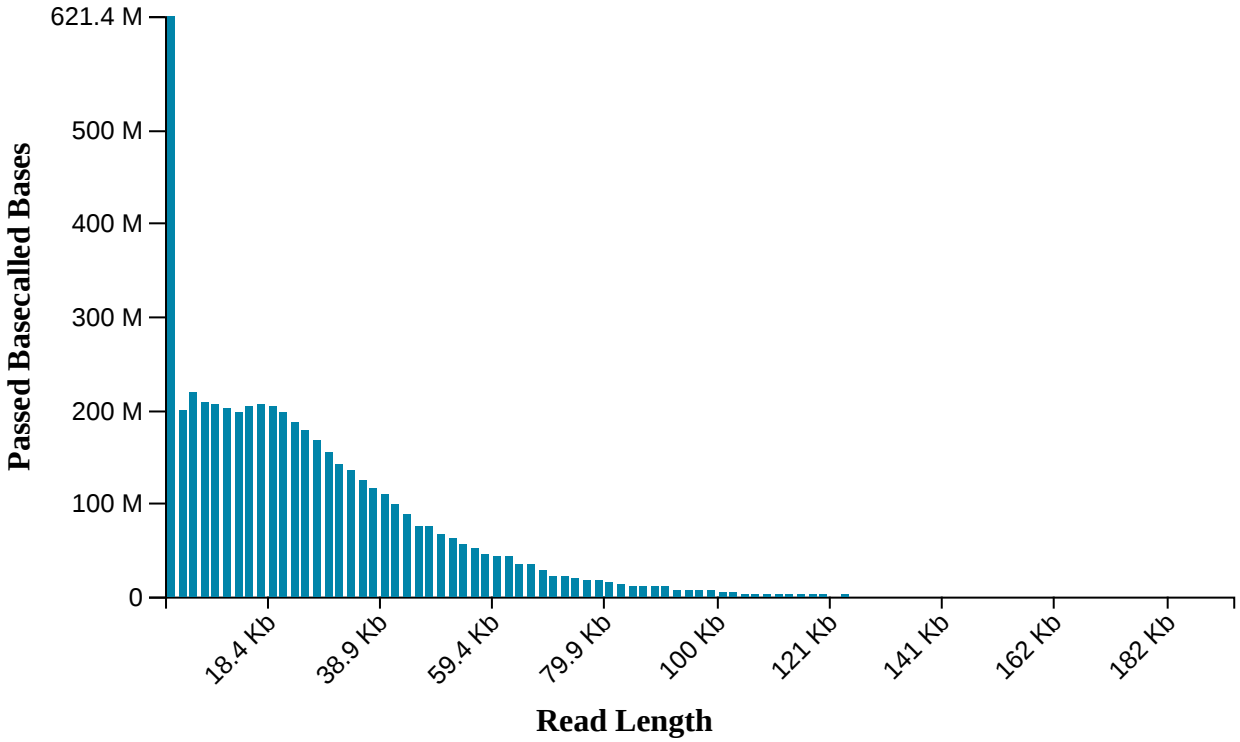
Read Length Histogram Basecalled Bases - Outliers Discarded

Estimated N50: 20.56 K



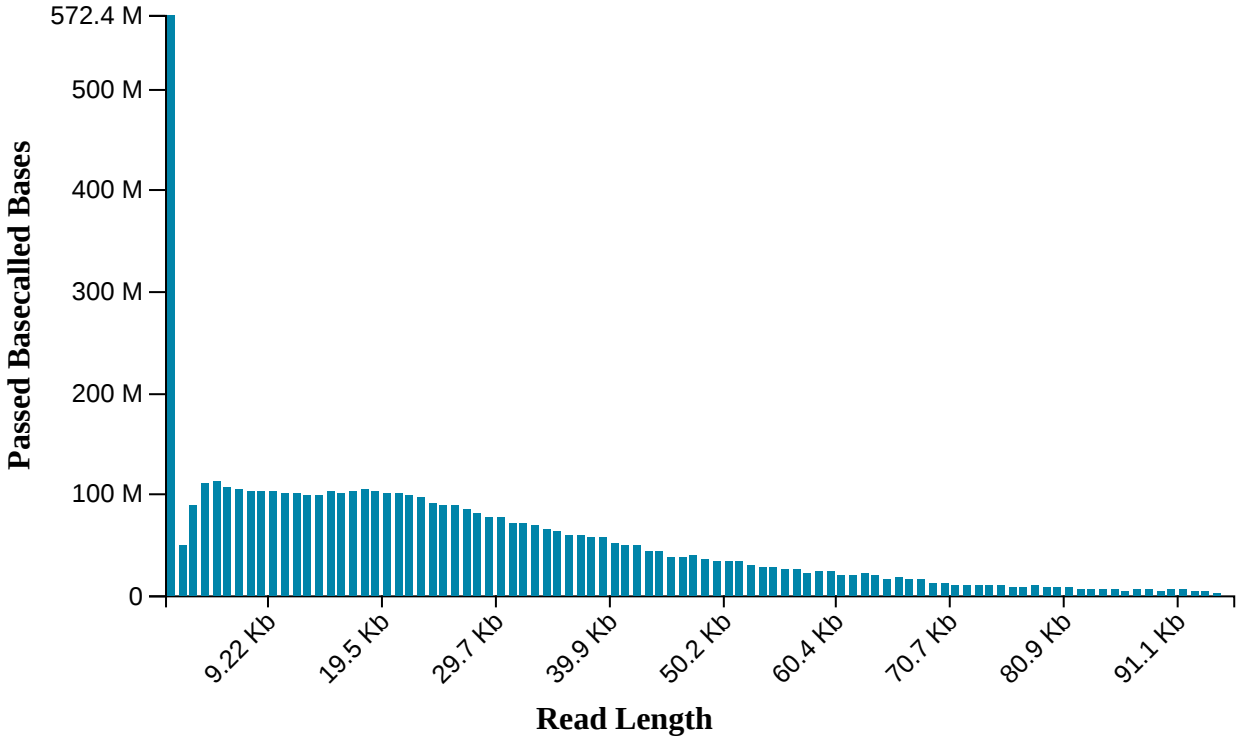
Read Length Histogram Estimated Bases

Estimated N50: 20.81 K

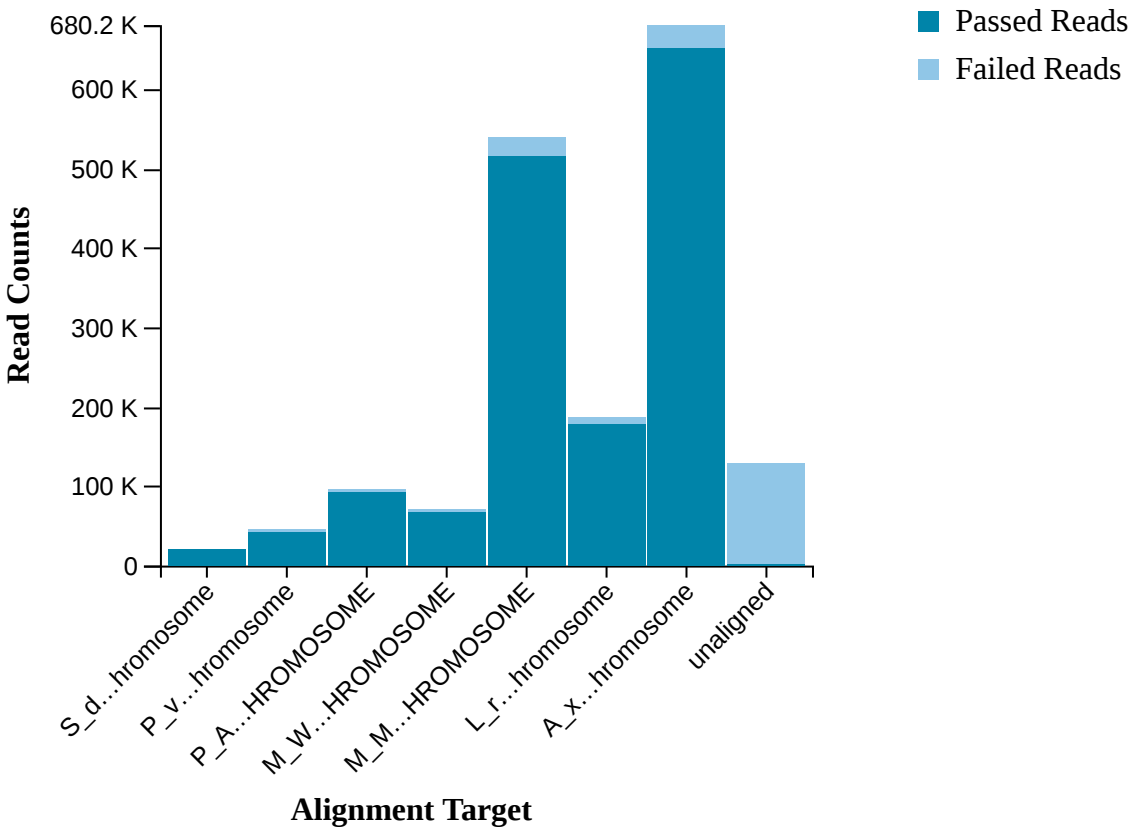


Read Length Histogram Basecalled Bases

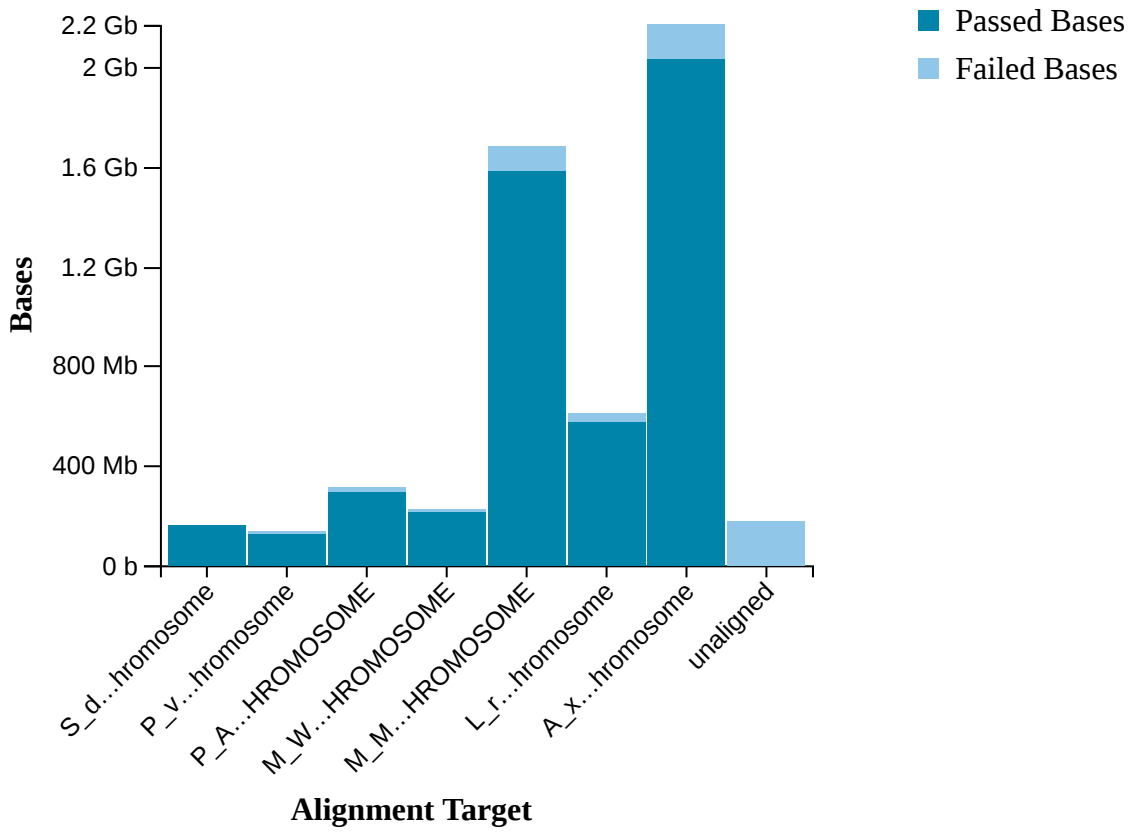
Estimated N50: 20.56 K



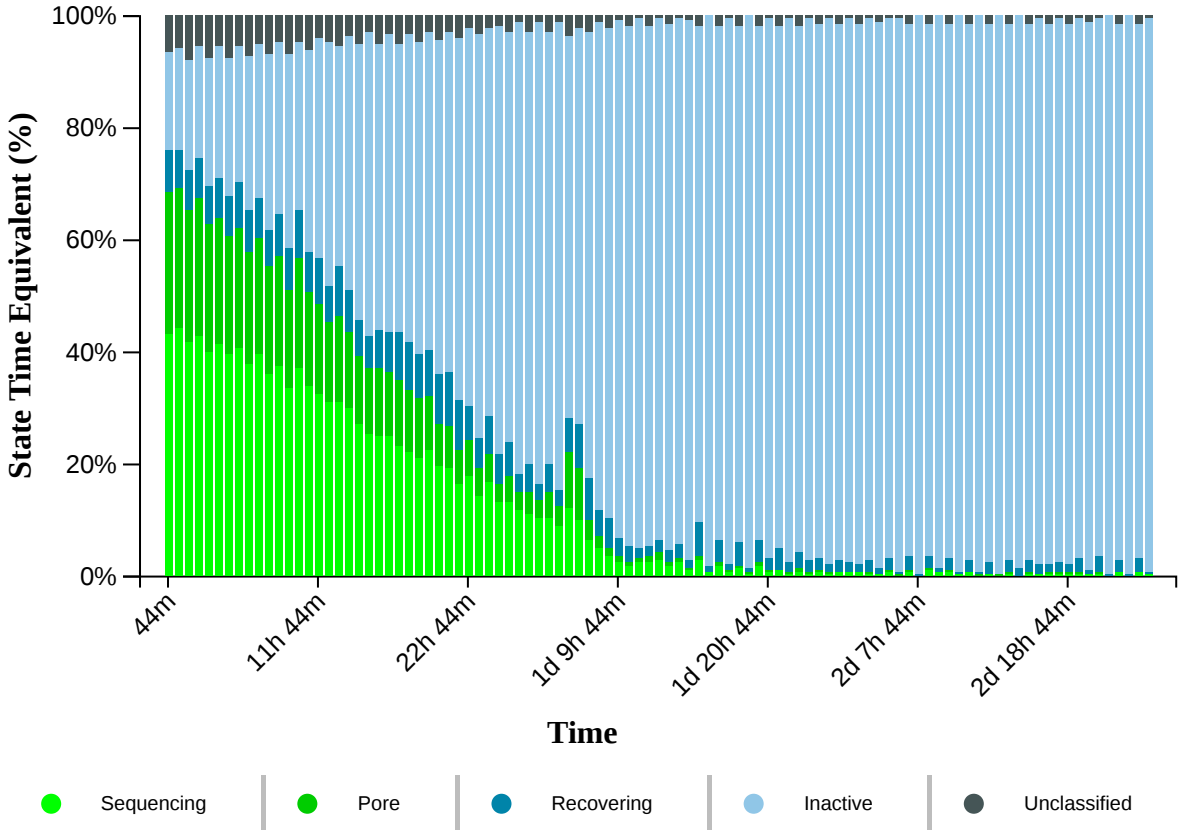
Alignment Target Hits (reads)



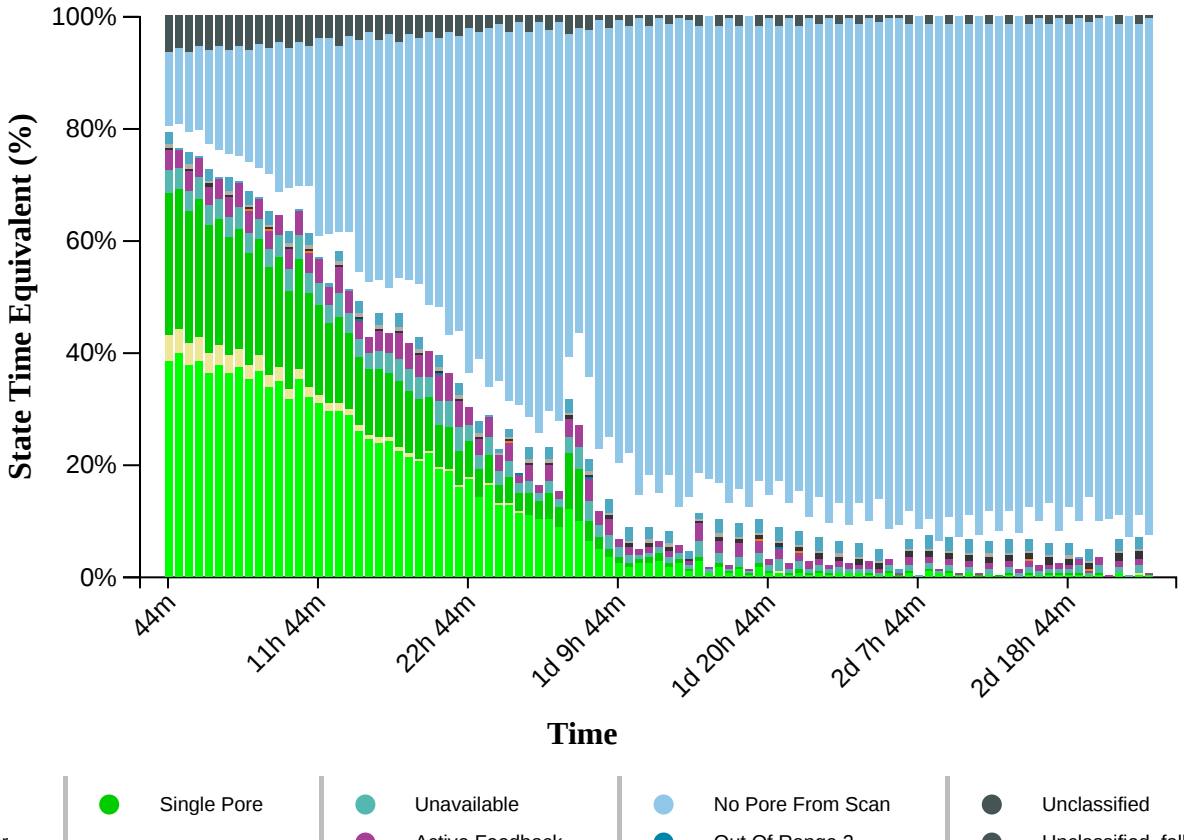
Alignment Target Hits (bases)

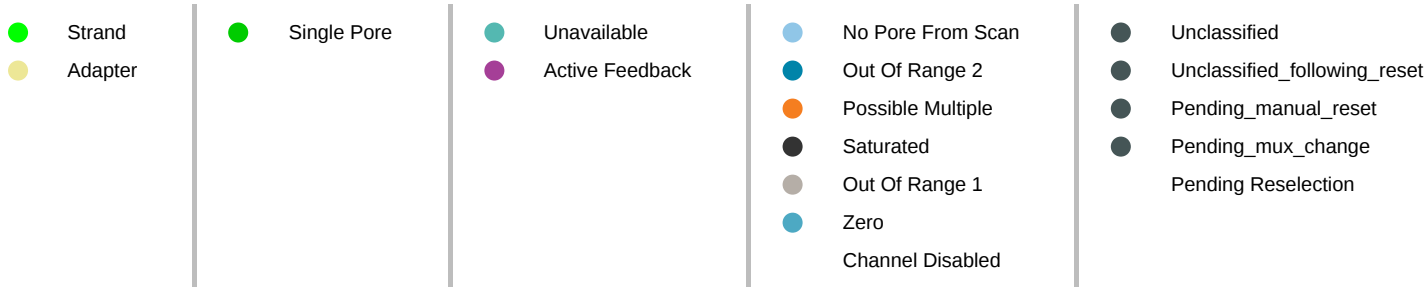


Duty Time Grouped

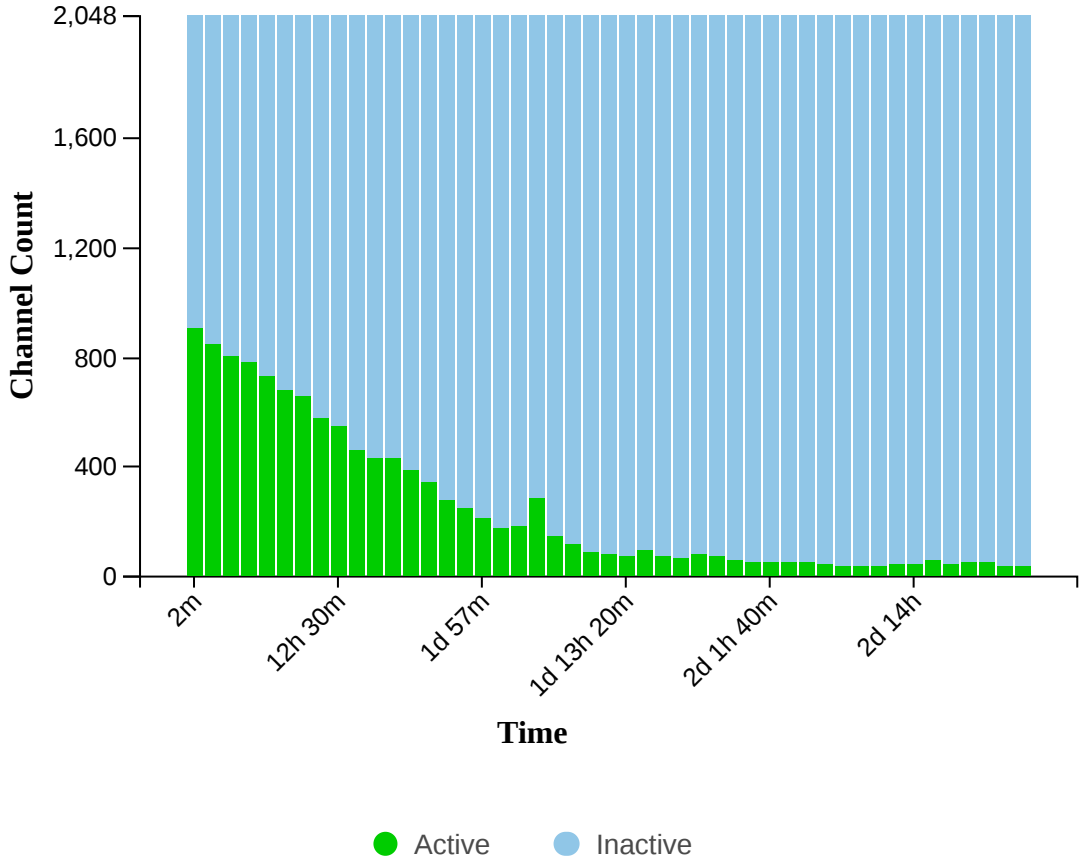


Duty time Categorised

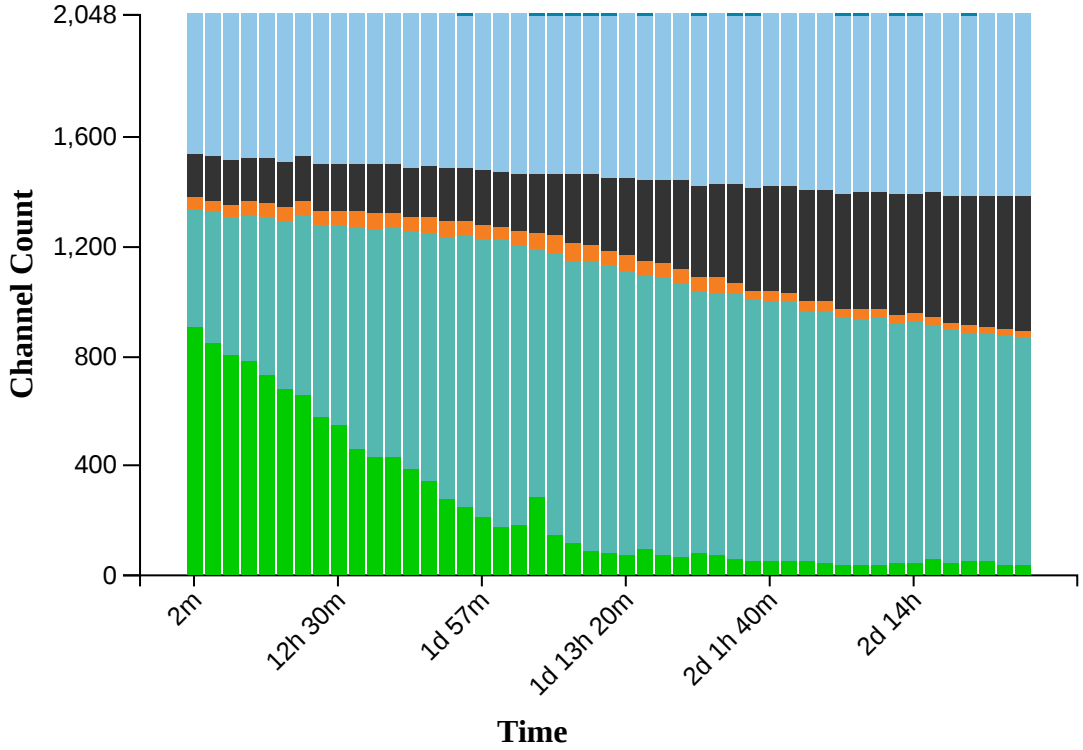




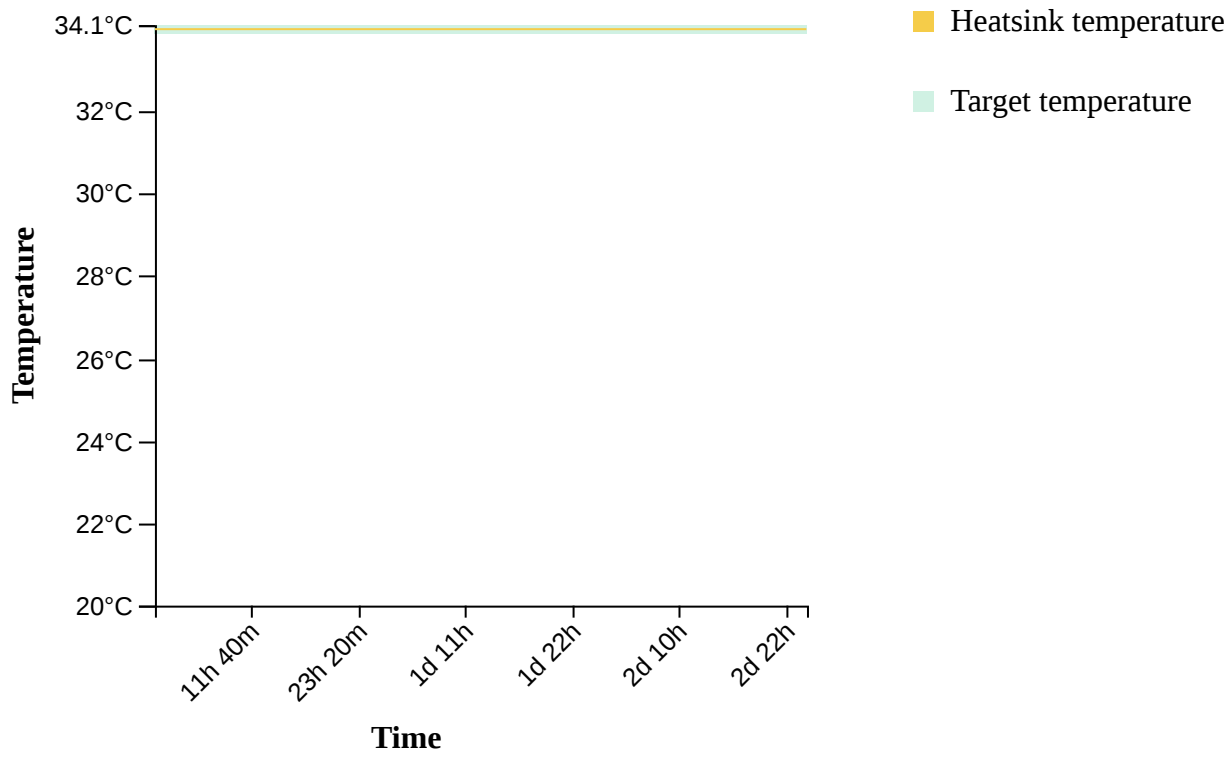
Mux Scan Grouped



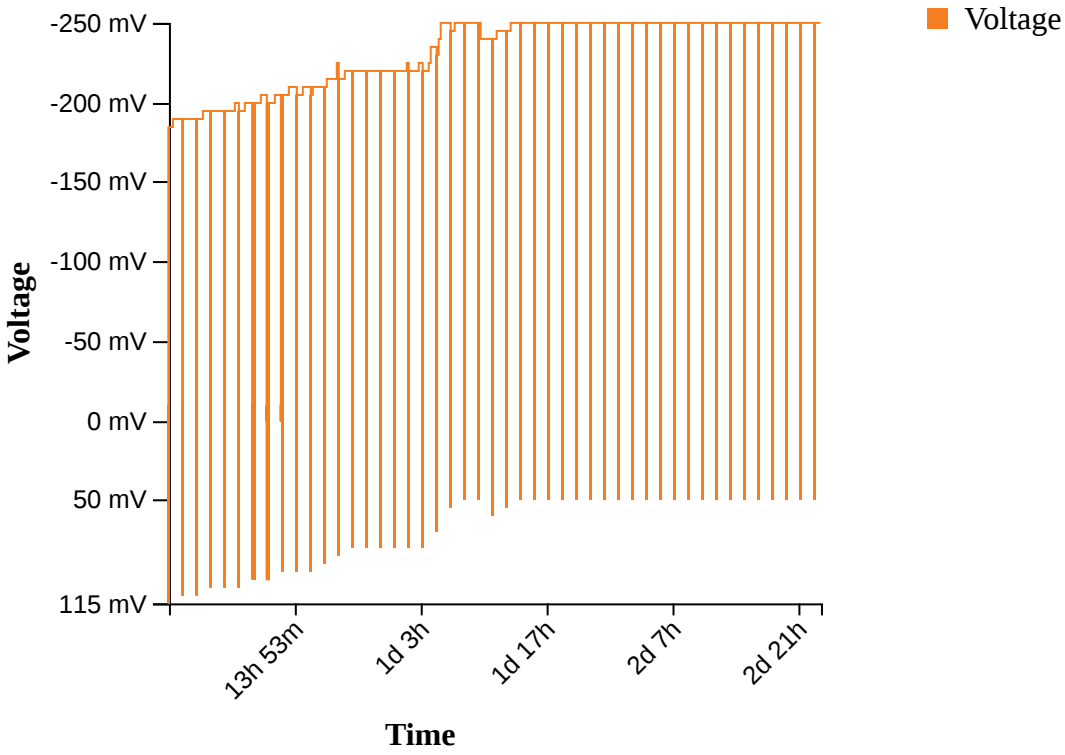
Mux Scan Categorised



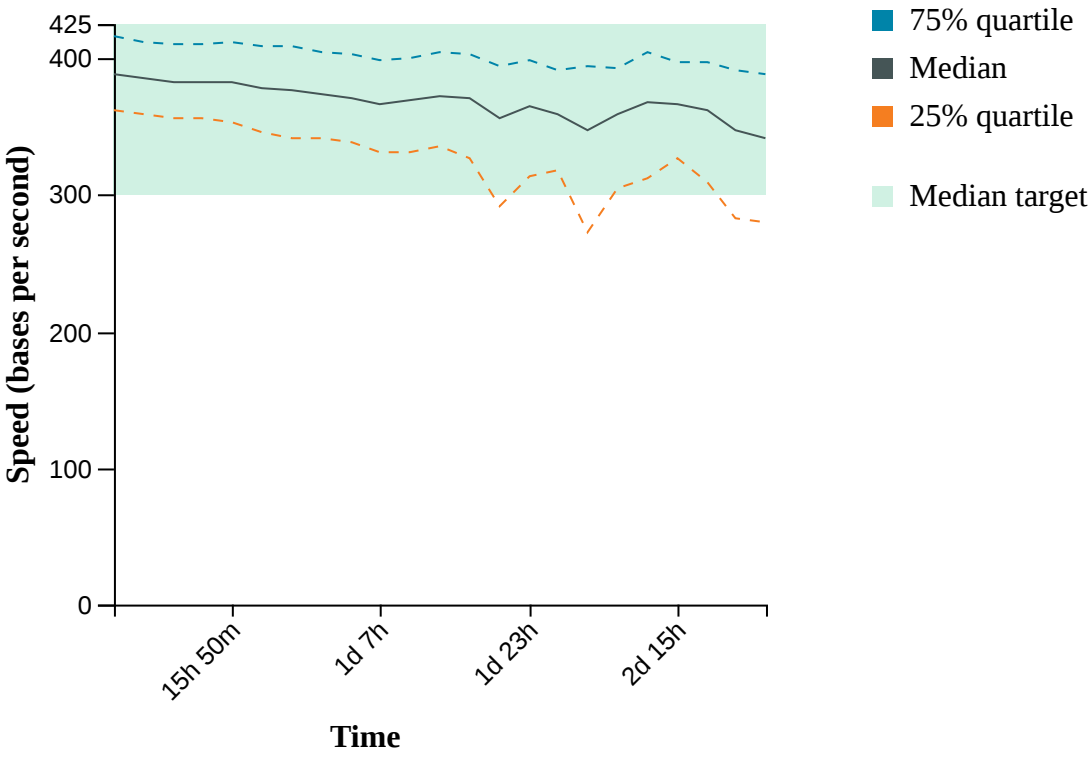
Temperature History



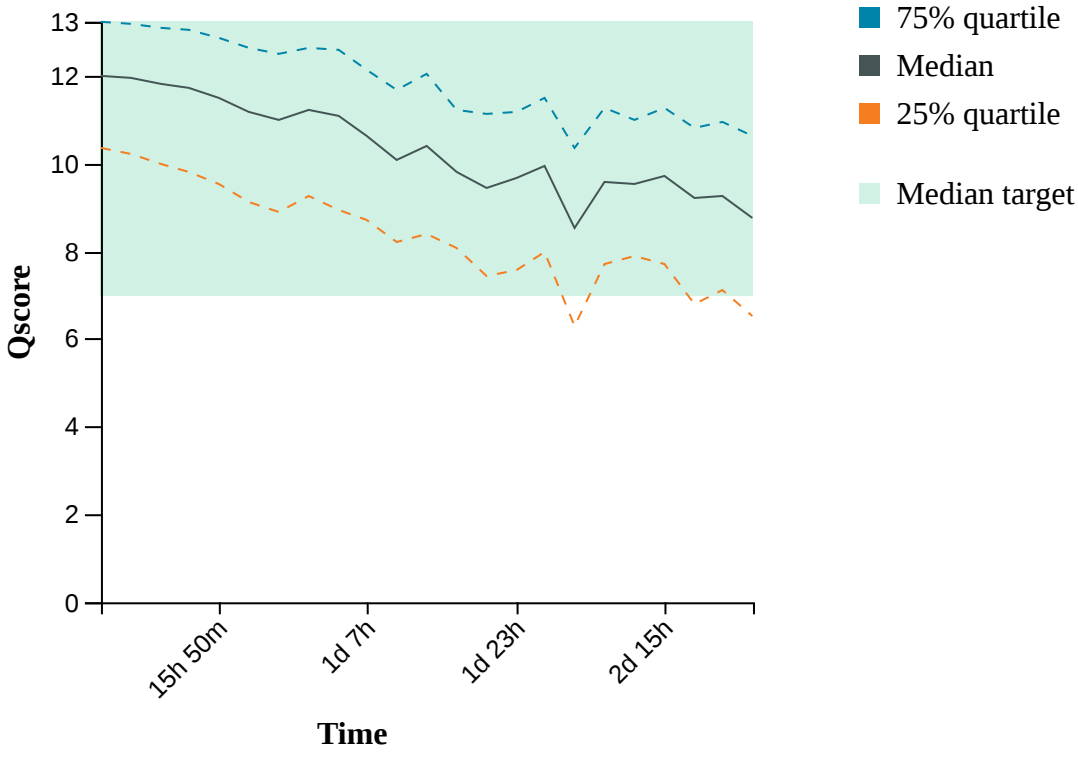
Bias Voltage History



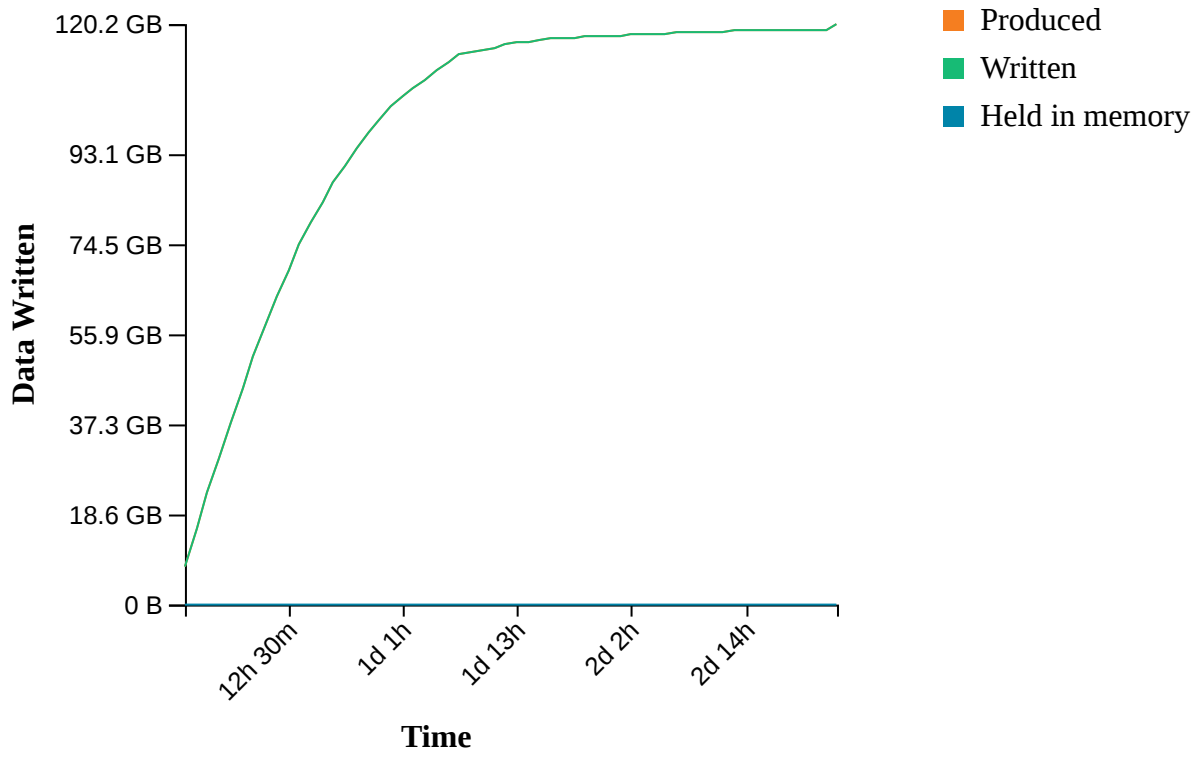
Translocation Speed



QScore



Disk Write Performance



Run Debug Messages

- The sequencing run has finished, but basecalling may continue December 11, 20:31
- Mux scan for flow cell FAO52906 has found a total of 40 pores. 39 pores available for immediate sequencing December 11, 19:46
- Performing Mux Scan December 11, 19:44
- Mux scan for flow cell FAO52906 has found a total of 37 pores. 37 pores available for immediate sequencing December 11, 18:14
- Performing Mux Scan December 11, 18:11
- Mux scan for flow cell FAO52906 has found a total of 54 pores. 53 pores available for immediate sequencing December 11, 16:41
- Performing Mux Scan December 11, 16:39
- Mux scan for flow cell FAO52906 has found a total of 53 pores. 53 pores available for immediate sequencing December 11, 15:09
- Performing Mux Scan December 11, 15:06
- Mux scan for flow cell FAO52906 has found a total of 44 pores. 43 pores available for immediate sequencing December 11, 13:36
- Performing Mux Scan December 11, 13:34
- Mux scan for flow cell FAO52906 has found a total of 55 pores. 52 pores available for immediate sequencing December 11, 12:04
- Performing Mux Scan December 11, 12:01
- Mux scan for flow cell FAO52906 has found a total of 43 pores. 41 pores available for immediate sequencing December 11, 10:31
- Performing Mux Scan December 11, 10:29
- Mux scan for flow cell FAO52906 has found a total of 43 pores. 43 pores available for immediate sequencing December 11, 08:59
- Performing Mux Scan December 11, 08:56
- Mux scan for flow cell FAO52906 has found a total of 40 pores. 38 pores available for immediate sequencing December 11, 07:26
- Performing Mux Scan December 11, 07:24
- Mux scan for flow cell FAO52906 has found a total of 36 pores. 36 pores available for immediate sequencing December 11, 05:54
- Performing Mux Scan December 11, 05:52
- Mux scan for flow cell FAO52906 has found a total of 33 pores. 33 pores available for immediate sequencing December 11, 04:21
- Performing Mux Scan December 11, 04:19
- Mux scan for flow cell FAO52906 has found a total of 45 pores. 44 pores available for immediate sequencing December 11, 02:49
- Performing Mux Scan December 11, 02:47
- Mux scan for flow cell FAO52906 has found a total of 49 pores. 45 pores available for immediate sequencing December 11, 01:17
- Performing Mux Scan December 11, 01:14
- Mux scan for flow cell FAO52906 has found a total of 54 pores. 52 pores available for immediate sequencing December 10, 23:44
- Performing Mux Scan December 10, 23:42
- Mux scan for flow cell FAO52906 has found a total of 51 pores. 48 pores available for immediate sequencing December 10, 22:12
- Performing Mux Scan December 10, 22:09
- Mux scan for flow cell FAO52906 has found a total of 53 pores. 50 pores available for immediate sequencing December 10, 20:39
- Performing Mux Scan December 10, 20:37

- Mux scan for flow cell FAO52906 has found a total of 62 pores. 57 pores available for immediate sequencing December 10, 19:07
- Performing Mux Scan December 10, 19:04
- Mux scan for flow cell FAO52906 has found a total of 70 pores. 69 pores available for immediate sequencing December 10, 17:34
- Performing Mux Scan December 10, 17:32
- Mux scan for flow cell FAO52906 has found a total of 79 pores. 76 pores available for immediate sequencing December 10, 16:02
- Performing Mux Scan December 10, 15:59
- Mux scan for flow cell FAO52906 has found a total of 68 pores. 65 pores available for immediate sequencing December 10, 14:29
- Performing Mux Scan December 10, 14:27
- Mux scan for flow cell FAO52906 has found a total of 73 pores. 69 pores available for immediate sequencing December 10, 12:57
- Performing Mux Scan December 10, 12:54
- Mux scan for flow cell FAO52906 has found a total of 97 pores. 91 pores available for immediate sequencing December 10, 11:24
- Performing Mux Scan December 10, 11:22
- Mux scan for flow cell FAO52906 has found a total of 74 pores. 66 pores available for immediate sequencing December 10, 09:52
- Performing Mux Scan December 10, 09:49
- Mux scan for flow cell FAO52906 has found a total of 84 pores. 79 pores available for immediate sequencing December 10, 08:19
- Performing Mux Scan December 10, 08:17
- Mux scan for flow cell FAO52906 has found a total of 85 pores. 77 pores available for immediate sequencing December 10, 06:47
- Performing Mux Scan December 10, 06:44
- Mux scan for flow cell FAO52906 has found a total of 115 pores. 107 pores available for immediate sequencing December 10, 05:14
- Performing Mux Scan December 10, 05:12
- Mux scan for flow cell FAO52906 has found a total of 145 pores. 122 pores available for immediate sequencing December 10, 03:42
- Performing Mux Scan December 10, 03:39
- Mux scan for flow cell FAO52906 has found a total of 282 pores. 234 pores available for immediate sequencing December 10, 02:09
- Performing Mux Scan December 10, 02:07
- Mux scan for flow cell FAO52906 has found a total of 183 pores. 147 pores available for immediate sequencing December 10, 00:36
- Performing Mux Scan December 10, 00:33
- Mux scan for flow cell FAO52906 has found a total of 177 pores. 137 pores available for immediate sequencing December 9, 23:02
- Performing Mux Scan December 9, 23:00
- Mux scan for flow cell FAO52906 has found a total of 212 pores. 162 pores available for immediate sequencing December 9, 21:29
- Performing Mux Scan December 9, 21:26
- Mux scan for flow cell FAO52906 has found a total of 248 pores. 183 pores available for immediate sequencing December 9, 19:55
- Performing Mux Scan December 9, 19:53
- Mux scan for flow cell FAO52906 has found a total of 279 pores. 198 pores available for immediate sequencing December 9, 18:22
- Performing Mux Scan December 9, 18:19
- Mux scan for flow cell FAO52906 has found a total of 342 pores. 236 pores available for

- immediate sequencing December 9, 16:48
- Performing Mux Scan December 9, 16:46
- Mux scan for flow cell FAO52906 has found a total of 385 pores. 263 pores available for immediate sequencing December 9, 15:15
- Performing Mux Scan December 9, 15:12
- Mux scan for flow cell FAO52906 has found a total of 431 pores. 287 pores available for immediate sequencing December 9, 13:41
- Performing Mux Scan December 9, 13:39
- Mux scan for flow cell FAO52906 has found a total of 435 pores. 279 pores available for immediate sequencing December 9, 12:08
- Performing Mux Scan December 9, 12:06
- Mux scan for flow cell FAO52906 has found a total of 459 pores. 283 pores available for immediate sequencing December 9, 10:34
- Performing Mux Scan December 9, 10:32
- Mux scan for flow cell FAO52906 has found a total of 546 pores. 332 pores available for immediate sequencing December 9, 09:01
- Performing Mux Scan December 9, 08:59
- Mux scan for flow cell FAO52906 has found a total of 577 pores. 331 pores available for immediate sequencing December 9, 07:28
- Performing Mux Scan December 9, 07:25
- Mux scan for flow cell FAO52906 has found a total of 656 pores. 381 pores available for immediate sequencing December 9, 05:54
- Performing Mux Scan December 9, 05:52
- Mux scan for flow cell FAO52906 has found a total of 678 pores. 375 pores available for immediate sequencing December 9, 04:21
- Performing Mux Scan December 9, 04:18
- Mux scan for flow cell FAO52906 has found a total of 734 pores. 397 pores available for immediate sequencing December 9, 02:47
- Performing Mux Scan December 9, 02:45
- Mux scan for flow cell FAO52906 has found a total of 783 pores. 411 pores available for immediate sequencing December 9, 01:14
- Performing Mux Scan December 9, 01:11
- Mux scan for flow cell FAO52906 has found a total of 806 pores. 416 pores available for immediate sequencing December 8, 23:40
- Performing Mux Scan December 8, 23:38
- Mux scan for flow cell FAO52906 has found a total of 851 pores. 434 pores available for immediate sequencing December 8, 22:07
- Performing Mux Scan December 8, 22:04
- Mux scan for flow cell FAO52906 has found a total of 910 pores. 442 pores available for immediate sequencing December 8, 20:33
- Performing Mux Scan December 8, 20:31
- Starting sequencing procedure December 8, 20:31
- Waiting up to 300 seconds for temperature to stabilise at 34.0°C December 8, 20:28