

Sequencing Completed successfully

Run Statistics

READS: 801.62 K | ESTIMATED BASES: 1.1 Cb | BASECALL STATISTICS

CALLED: 100% | BASES: 982.38 Mb

Position MN29709

Experiment group fishy

Sample ID fishy

Flow cell ID FAK85773

Flow cell product code FLO-MIN106

Kit ID SQK-RAD004

Current output directory /var/lib/MinkNOW/data

Basecall model Fast basecaller

Run finished

Export PDF Report

TOTAL RUN TIME: 8h 5m 22s

Duty Time

Summary of channel states over time

100% 90% 80% 70% 60% 50% 40% 30% 20% 10% 0%

0m 1h 15m 2h 30m 3h 45m 5h 6h 15m 7h 30m

State Time Equivalent (%)

Time

Sequencing Pore Recovering Inactive Unclassified

Bucket size (minutes) 15 Apply

minimum 2 minutes Auto scale bucket size

Display channels proportionately

More +

Mux Scan Results

Channel counts per category after each mux scan

2,048 1,800 1,600 1,400 1,200 1,000 800 600 400 200 0

0m 1h 2h 3h 4h 5h 6h 7h 8h

Channel Count

Time

Active Inactive

More +

Cumulative Output

Output of run over time

1.1 Gb 1 Gb 900 Mb 800 Mb 700 Mb 600 Mb 500 Mb 400 Mb 300 Mb 200 Mb 100 Mb 0 b

0m 50m 1h 40m 2h 30m 3h 20m 4h 10m 5h 5h 50m 6h 40m 7h 30m

Bases

Time

Estimated Bases Called Bases

Reset

Reads Bases

Read Length Histogram

Summary read length distribution

Estimated N50: 3.2 Kb

468 Mb 400 Mb 350 Mb 300 Mb 250 Mb 200 Mb 150 Mb 100 Mb 50 Mb 0 b

9.21 Kb 18.4 Kb 27.6 Kb 36.9 Kb 46.1 Kb 55.3 Kb 64.5 Kb 73.7 Kb 82.9 Kb 92.2 Kb 101 Kb 111 Kb 120 Kb

Total Estimated Bases

Estimated Read Length

Read Lengths Read Counts Reset

Translocation Speed and Qscore

Line charts displaying quartile values for translocation speed and qscore

425 400 350 300 250 200 150 100 50 0

1h 2h 3h 4h 5h 6h 7h 8h

Speed (bases per second)

Time

75% quartile Median 25% quartile Median target

Translocation Speed Q Score

Temperature and Bias Voltage

Temperature and bias voltage history for the current run

34.5°C 32°C 30°C 28°C 26°C 24°C 22°C 20°C

50m 1h 40m 2h 30m 3h 20m 4h 10m 5h 5h 50m 6h 40m 7h 30m

Temperature

Time

Heatsink temperature Target temperature

Temperature Bias Voltage

Messages

Device

Finishing up

MN29709 10 hours ago

Flow cell FAK85773 has 422 pores available for sequencing. Starting sequencing with 270 pores

MN29709 11 hours ago

Performing Mux Scan

MN29709 11 hours ago

Flow cell FAK85773 has 442 pores available for sequencing. Starting sequencing with 279 pores

MN29709 12 hours ago

Performing Mux Scan

MN29709 12 hours ago

Flow cell FAK85773 has 445 pores available for sequencing. Starting sequencing with 286 pores

MN29709 13 hours ago

Performing Mux Scan

MN29709 13 hours ago

Flow cell FAK85773 has 491 pores available for sequencing. Starting sequencing with 308 pores

MN29709 14 hours ago

Performing Mux Scan

MN29709 14 hours ago

Flow cell FAK85773 has 517 pores available for sequencing. Starting sequencing with 316 pores

MN29709 15 hours ago

Performing Mux Scan

MN29709 15 hours ago

Flow cell FAK85773 has 554 pores available for sequencing. Starting sequencing with 328 pores

MN29709 16 hours ago

Performing Mux Scan

MN29709 16 hours ago

Flow cell FAK85773 has 607 pores available for sequencing. Starting sequencing with 351 pores

MN29709 17 hours ago

Performing Mux Scan

MN29709 17 hours ago

Flow cell FAK85773 has 752 pores available for sequencing. Starting sequencing with 400 pores

MN29709 18 hours ago

Performing Mux Scan

MN29709 18 hours ago

Starting sequencing procedure

MN29709 18 hours ago

Failed to reach 34.0 within 300 seconds(with 0.1 tolerance)

MN29709 18 hours ago

Waiting for temperature to reach 34.0°C

MN29709 18 hours ago

Could not start experiment. Please ensure your computer is connected to the internet, and that you have applied the relevant exceptions to the firewall, as specified in the Computer Requirements document.

MN29709 18 hours ago

Waiting for temperature to reach 34.0°C

MN29709 18 hours ago

Flow cell detected

MN29709 19 hours ago

Flow cell disconnected

MN29709 19 hours ago

Hardware check has completed successfully

MN29709 19 hours ago

Starting hardware check

MN29709 19 hours ago

Flow cell detected

MN29709 19 hours ago

Please insert flow cell(s) into your sequencing device.

MN29709 19 hours ago