

## Quality Control Report

### Contiguous Read Length

Number of traces (N) = 32

0 traces have short CRL.

0 trace have medium CRL.

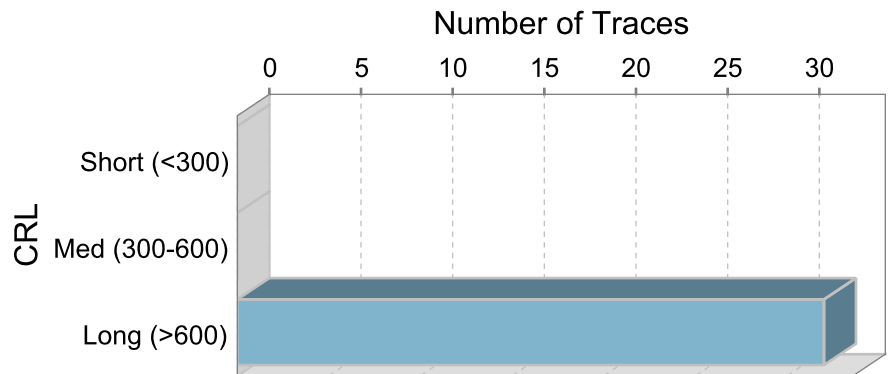
32 traces have long CRL.

Mean = 844

Median = 845

Range = 726 - 872

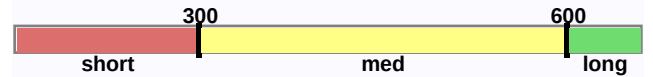
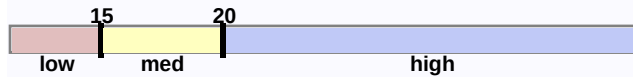
Standard Deviation = 24



### Legend

#### Trace Score

#### CRL

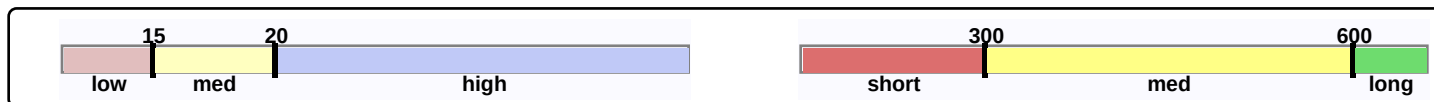


| Trace File Name                  | Well# | Cap# | Trace Score | CRL | QV20+ | Signal Intensity |      |      |      | Comments |
|----------------------------------|-------|------|-------------|-----|-------|------------------|------|------|------|----------|
|                                  |       |      |             |     |       | A                | C    | G    | T    |          |
| G10_Control_185_03_07_2025_1.ab1 | G10   | 68   | 38          | 865 | 895   | 506              | 689  | 471  | 593  |          |
| H02_Control_184_03_07_2025_1.ab1 | H2    | 2    | 36          | 844 | 857   | 1105             | 1474 | 658  | 1490 |          |
| E01_Control_187_07_07_2025_1.ab1 | E1    | 7    | 38          | 845 | 889   | 1981             | 2781 | 1149 | 2700 |          |
| H01_Control_186_07_07_2025_1.ab1 | H1    | 1    | 33          | 726 | 809   | 284              | 364  | 251  | 322  |          |
| H03_Control_188_08_07_2025_1.ab1 | H3    | 17   | 38          | 866 | 912   | 981              | 1402 | 597  | 1308 |          |
| H06_Control_189_09_07_2025_1.ab1 | H6    | 34   | 38          | 872 | 904   | 932              | 1309 | 745  | 1166 |          |
| H09_Control_190_10_07_2025_1.ab1 | H9    | 65   | 39          | 846 | 905   | 1033             | 1432 | 945  | 1152 |          |
| C12_Control_191_11_07_2025_1.ab1 | C12   | 92   | 38          | 845 | 890   | 1516             | 2078 | 1231 | 1787 |          |
| E07_Control_194_15_07_2025_1.ab1 | E7    | 55   | 38          | 850 | 873   | 200              | 261  | 170  | 231  |          |
| F12_Control_192_14_07_2025_1.ab1 | F12   | 86   | 37          | 847 | 864   | 1483             | 1987 | 1086 | 1806 |          |
| F12_Control_193_14_07_2025_1.ab1 | F12   | 86   | 37          | 858 | 897   | 1510             | 2156 | 1082 | 1834 |          |
| G11_Control_195_15_07_2025_1.ab1 | G11   | 83   | 38          | 865 | 883   | 1123             | 1531 | 855  | 1394 |          |
| H12_Control_197_16_07_2025_1.ab1 | H12   | 82   | 35          | 842 | 832   | 375              | 503  | 328  | 490  |          |
| C12_Control_200_17_07_2025_1.ab1 | C12   | 92   | 38          | 849 | 885   | 1538             | 2118 | 1227 | 1854 |          |
| F11_Control_201_17_07_2025_1.ab1 | F11   | 85   | 38          | 851 | 878   | 859              | 1125 | 726  | 939  |          |
| H02_Control_196_17_07_2025_1.ab1 | H2    | 2    | 37          | 839 | 847   | 970              | 1451 | 471  | 1660 |          |
| H12_Control_198_17_07_2025_1.ab1 | H12   | 82   | 37          | 840 | 866   | 481              | 675  | 357  | 603  |          |
| H12_Control_199_17_07_2025_1.ab1 | H12   | 82   | 36          | 845 | 865   | 594              | 915  | 417  | 846  |          |
| F04_Control_203_2025_07_21_1.ab1 | F4    | 22   | 39          | 862 | 905   | 1150             | 1633 | 852  | 1446 |          |
| G11_Control_202_2025_07_21_1.ab1 | G11   | 83   | 37          | 840 | 861   | 1214             | 1658 | 891  | 1475 |          |
| H10_Control_204_2025_07_22_1.ab1 | H10   | 66   | 38          | 848 | 877   | 439              | 663  | 313  | 577  |          |
| D12_Control_205_2025_07_23_1.ab1 | D12   | 90   | 37          | 832 | 859   | 1847             | 2621 | 1311 | 2477 |          |
| H12_Control_206_2025_07_23_1.ab1 | H12   | 82   | 36          | 835 | 872   | 588              | 740  | 424  | 610  |          |
| H06_Control_207_2025_07_24_1.ab1 | H6    | 34   | 37          | 822 | 844   | 160              | 214  | 150  | 202  |          |

### Legend

#### Trace Score

#### CRL



| Trace File Name                  | Well# | Cap# | Trace Score | CRL | QV20+ | Signal Intensity |      |     |      | Comments |
|----------------------------------|-------|------|-------------|-----|-------|------------------|------|-----|------|----------|
|                                  |       |      |             |     |       | A                | C    | G   | T    |          |
| A11_Control_209_2025_07_25_1.ab1 | A11   | 95   | 37          | 845 | 853   | 975              | 1377 | 557 | 1474 |          |
| H08_Control_208_2025_07_25_1.ab1 | H8    | 50   | 36          | 844 | 870   | 243              | 298  | 203 | 280  |          |
| D06_Control_212_2025_07_28_1.ab1 | D6    | 42   | 37          | 849 | 867   | 271              | 328  | 231 | 317  |          |
| F11_Control_210_2025_07_28_1.ab1 | F11   | 85   | 36          | 845 | 843   | 514              | 670  | 434 | 621  |          |
| H11_Control_211_2025_07_28_1.ab1 | H11   | 81   | 37          | 830 | 854   | 443              | 553  | 360 | 505  |          |
| D11_Control_213_2025_07_29_1.ab1 | D11   | 89   | 38          | 862 | 883   | 575              | 753  | 427 | 671  |          |
| B11_Control_214_2025_07_30_1.ab1 | B11   | 93   | 37          | 864 | 882   | 431              | 578  | 353 | 531  |          |
| H11_Control_215_2025_07_31_1.ab1 | H11   | 81   | 37          | 843 | 875   | 356              | 498  | 297 | 424  |          |