

## Quality Control Report

### Contiguous Read Length

Number of traces (N) = 39

1 traces have short CRL.

0 trace have medium CRL.

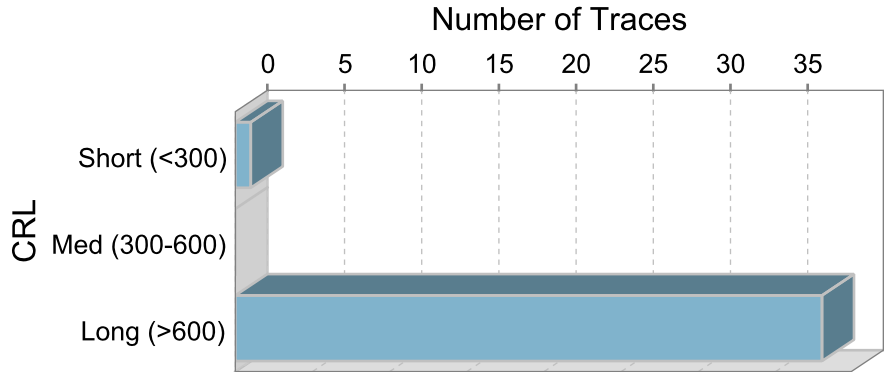
38 traces have long CRL.

Mean = 821

Median = 851

Range = 0 - 921

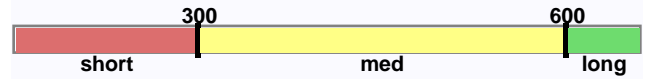
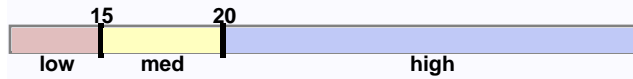
Standard Deviation = 141



### Legend

#### Trace Score

#### CRL

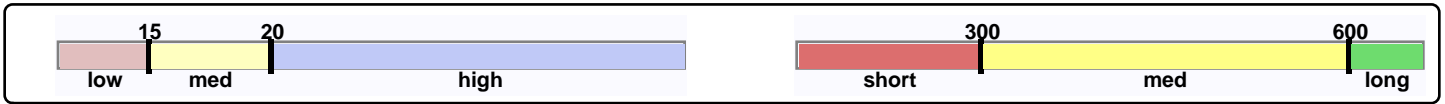


| Trace File Name                  | Well# | Cap# | Trace Score | CRL | QV20+ | Signal Intensity |     |     |     | Comments |
|----------------------------------|-------|------|-------------|-----|-------|------------------|-----|-----|-----|----------|
|                                  |       |      |             |     |       | A                | C   | G   | T   |          |
| H06_Control_114_02_05_2024_1.ab1 | H6    | 34   | 37          | 872 | 895   | 406              | 600 | 624 | 523 |          |
| E12_Control_115_03_05_2024_1.ab1 | E12   | 88   | 41          | 848 | 892   | 401              | 618 | 759 | 547 |          |
| H10_Control_120_03_05_2024_1.ab1 | H10   | 66   | 37          | 851 | 896   | 477              | 557 | 716 | 538 |          |
| H12_Control_116_03_05_2024_1.ab1 | H12   | 82   | 37          | 851 | 899   | 478              | 650 | 779 | 579 |          |
| H12_Control_117_03_05_2024_1.ab1 | H12   | 82   | 37          | 848 | 901   | 425              | 568 | 713 | 545 |          |
| H12_Control_118_03_05_2024_1.ab1 | H12   | 82   | 37          | 854 | 897   | 607              | 733 | 800 | 646 |          |
| H12_Control_119_03_05_2024_1.ab1 | H12   | 82   | 37          | 862 | 889   | 578              | 691 | 825 | 633 |          |
| B12_Control_126_06_05_2024_1.ab1 | B12   | 94   | 38          | 864 | 910   | 647              | 823 | 693 | 833 |          |
| F12_Control_125_06_05_2024_1.ab1 | F12   | 86   | 38          | 871 | 917   | 219              | 278 | 341 | 265 |          |
| G01_Control_127_06_05_2024_1.ab1 | G1    | 3    | 11          | 0   | 24    | 67               | 67  | 60  | 73  |          |
| H12_Control_121_06_05_2024_1.ab1 | H12   | 82   | 37          | 861 | 904   | 273              | 307 | 367 | 273 |          |
| H12_Control_122_06_05_2024_1.ab1 | H12   | 82   | 36          | 868 | 899   | 233              | 284 | 316 | 250 |          |
| H12_Control_123_06_05_2024_1.ab1 | H12   | 82   | 38          | 862 | 894   | 288              | 332 | 399 | 292 |          |
| H12_Control_124_06_05_2024_1.ab1 | H12   | 82   | 38          | 870 | 914   | 261              | 292 | 354 | 268 |          |
| E12_Control_130_08_05_2024_1.ab1 | E12   | 88   | 36          | 902 | 932   | 221              | 249 | 294 | 225 |          |
| H05_Control_128_07_05_2024_1.ab1 | H5    | 33   | 30          | 818 | 824   | 119              | 128 | 147 | 121 |          |
| H09_Control_129_08_05_2024_1.ab1 | H9    | 65   | 39          | 921 | 973   | 286              | 323 | 378 | 295 |          |
| E05_Control_131_09_05_2024_1.ab1 | E5    | 39   | 35          | 882 | 926   | 238              | 241 | 294 | 236 |          |
| H03_Control_132_09_05_2024_1.ab1 | H3    | 17   | 34          | 814 | 838   | 90               | 94  | 99  | 105 |          |
| F08_Control_133_10_05_2024_1.ab1 | F8    | 54   | 38          | 892 | 939   | 722              | 767 | 907 | 739 |          |
| H03_Control_135_13_05_2024_1.ab1 | H3    | 17   | 38          | 877 | 926   | 458              | 563 | 562 | 586 |          |
| H09_Control_134_13_05_2024_1.ab1 | H9    | 65   | 33          | 838 | 883   | 292              | 318 | 382 | 304 |          |
| H03_Control_136_15_05_2024_1.ab1 | H3    | 17   | 37          | 863 | 895   | 471              | 540 | 506 | 554 |          |
| G09_Control_137_16_05_2024_1.ab1 | G9    | 67   | 38          | 860 | 908   | 650              | 789 | 822 | 707 |          |

**Legend**

**Trace Score**

**CRL**



| Trace File Name                  | Well# | Cap# | Trace Score | CRL | QV20+ | Signal Intensity |      |      |      | Comments |
|----------------------------------|-------|------|-------------|-----|-------|------------------|------|------|------|----------|
|                                  |       |      |             |     |       | A                | C    | G    | T    |          |
| F12_Control_138_17_05_2024_1.ab1 | F12   | 86   | 30          | 674 | 707   | 286              | 337  | 406  | 323  |          |
| H06_Control_139_17_05_2024_1.ab1 | H6    | 34   | 35          | 811 | 841   | 340              | 378  | 447  | 374  |          |
| H01_Control_140_21_05_2024_1.ab1 | H1    | 1    | 34          | 805 | 878   | 587              | 776  | 578  | 693  |          |
| C12_Control_141_22_05_2024_1.ab1 | C12   | 92   | 34          | 788 | 807   | 467              | 542  | 611  | 457  |          |
| C12_Control_142_22_05_2024_1.ab1 | C12   | 92   | 34          | 799 | 826   | 336              | 389  | 444  | 359  |          |
| G12_Control_144_23_05_2024_1.ab1 | G12   | 84   | 37          | 852 | 892   | 313              | 361  | 425  | 328  |          |
| H08_Control_143_23_05_2024_1.ab1 | H8    | 50   | 35          | 838 | 887   | 413              | 429  | 507  | 391  |          |
| H12_Control_145_23_05_2024_1.ab1 | H12   | 82   | 37          | 830 | 873   | 330              | 374  | 451  | 340  |          |
| H05_Control_146_24_05_2024_1.ab1 | H5    | 33   | 34          | 787 | 812   | 282              | 321  | 356  | 301  |          |
| H04_Control_147_27_05_2024_1.ab1 | H4    | 18   | 35          | 825 | 862   | 812              | 967  | 791  | 903  |          |
| H05_Control_148_27_05_2024_1.ab1 | H5    | 33   | 37          | 819 | 855   | 1006             | 1239 | 1061 | 1053 |          |
| H08_Control_150_28_05_2024_1.ab1 | H8    | 50   | 36          | 826 | 874   | 343              | 374  | 397  | 338  |          |
| H12_Control_149_28_05_2024_1.ab1 | H12   | 82   | 36          | 821 | 855   | 409              | 480  | 562  | 447  |          |
| F12_Control_151_30_05_2024_1.ab1 | F12   | 86   | 37          | 848 | 877   | 735              | 881  | 875  | 744  |          |
| H03_Control_152_31_05_2024_1.ab1 | H3    | 17   | 37          | 861 | 908   | 596              | 660  | 622  | 654  |          |