

Quality Control Report

Contiguous Read Length

Number of traces (N) = 43

5 traces have short CRL.

1 trace have medium CRL.

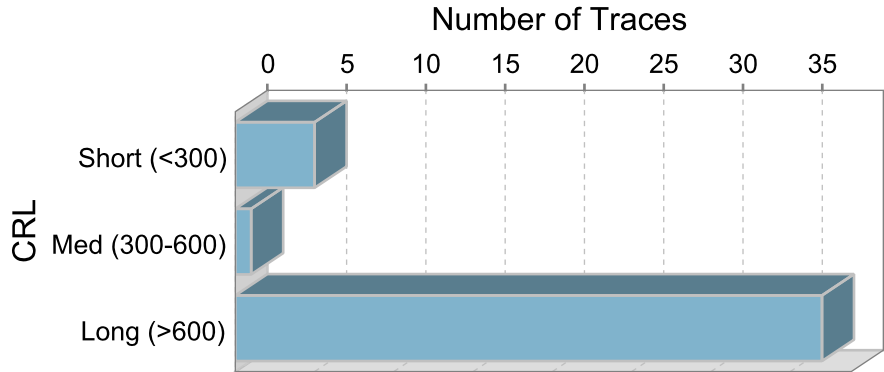
37 traces have long CRL.

Mean = 740

Median = 847

Range = 0 - 900

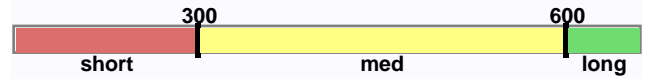
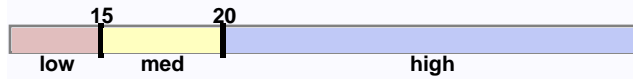
Standard Deviation = 272



Legend

Trace Score

CRL

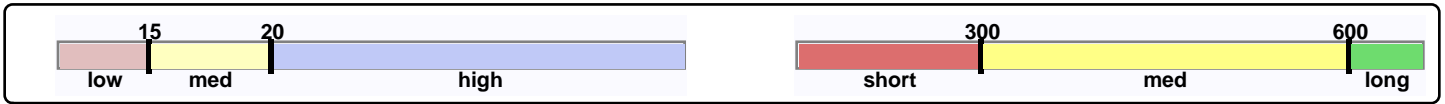


| Trace File Name | Well# | Cap# | Trace Score | CRL | QV20+ | Signal Intensity | | | | Comments |
|----------------------------------|-------|------|-------------|-----|-------|------------------|------|------|------|----------|
| | | | | | | A | C | G | T | |
| F06_Control_234_01_07_2022_1.ab1 | F6 | 38 | 37 | 862 | 886 | 1108 | 1433 | 1295 | 1293 | |
| H03_Control_235_05_07_2022_1.ab1 | H3 | 17 | 37 | 862 | 898 | 1631 | 2026 | 1913 | 1916 | |
| B07_Control_238_06_07_2022_1.ab1 | B7 | 61 | 38 | 872 | 904 | 782 | 1025 | 1398 | 1129 | |
| H12_Control_236_06_07_2022_1.ab1 | H12 | 82 | 35 | 855 | 860 | 396 | 625 | 741 | 637 | |
| H12_Control_237_06_07_2022_1.ab1 | H12 | 82 | 37 | 863 | 892 | 1102 | 1517 | 1464 | 1386 | |
| A05_Control_239_07_07_2022_1.ab1 | A5 | 47 | 37 | 860 | 901 | 262 | 286 | 317 | 263 | |
| H02_Control_240_08_07_2022_1.ab1 | H2 | 2 | 36 | 834 | 871 | 171 | 237 | 273 | 224 | |
| D03_Control_242_11_07_2022_1.ab1 | D3 | 25 | 39 | 878 | 935 | 530 | 657 | 730 | 623 | |
| H08_Control_241_11_07_2022_1.ab1 | H8 | 50 | 36 | 833 | 880 | 1320 | 1537 | 1757 | 1476 | |
| H12_Control_243_11_07_2022_1.ab1 | H12 | 82 | 37 | 850 | 888 | 657 | 881 | 872 | 786 | |
| C12_Control_247_12_07_2022_1.ab1 | C12 | 92 | 37 | 849 | 875 | 1355 | 1709 | 1527 | 1598 | |
| H04_Control_246_12_07_2022_1.ab1 | H4 | 18 | 35 | 820 | 881 | 802 | 891 | 918 | 889 | |
| H06_Control_244_12_07_2022_2.ab1 | H6 | 34 | 36 | 861 | 909 | 63 | 76 | 82 | 78 | |
| H12_Control_245_12_07_2022_1.ab1 | H12 | 82 | 40 | 900 | 948 | 1338 | 1701 | 1492 | 1488 | |
| F12_Control_249_13_07_2022_1.ab1 | F12 | 86 | 37 | 847 | 890 | 1046 | 1337 | 1383 | 1159 | |
| H09_Control_248_13_07_2022_1.ab1 | H9 | 65 | 34 | 840 | 875 | 357 | 474 | 565 | 482 | |
| D09_Control_250_14_07_2022_1.ab1 | D9 | 73 | 37 | 846 | 889 | 898 | 1149 | 1153 | 1019 | |
| H12_Control_251_14_07_2022_1.ab1 | H12 | 82 | 37 | 847 | 885 | 1183 | 1558 | 1445 | 1352 | |
| H12_Control_252_14_07_2022_1.ab1 | H12 | 82 | 36 | 832 | 886 | 1080 | 1497 | 1380 | 1300 | |
| H04_Control_253_15_07_2022_1.ab1 | H4 | 18 | 36 | 846 | 884 | 735 | 934 | 929 | 867 | |
| H06_Control_254_15_07_2022_1.ab1 | H6 | 34 | 10 | 0 | 17 | 55 | 61 | 49 | 56 | |
| H06_Control_255_15_07_2022_1.ab1 | H6 | 34 | 34 | 819 | 870 | 319 | 417 | 480 | 414 | |
| D01_Control_258_18_07_2022_1.ab1 | D1 | 9 | 18 | 181 | 248 | 49 | 61 | 62 | 64 | |
| E12_Control_257_18_07_2022_1.ab1 | E12 | 88 | 10 | 0 | 12 | 42 | 42 | 38 | 49 | |

Legend

Trace Score

CRL



| Trace File Name | Well# | Cap# | Trace Score | CRL | QV20+ | Signal Intensity | | | | Comments |
|----------------------------------|-------|------|-------------|-----|-------|------------------|------|------|------|----------|
| | | | | | | A | C | G | T | |
| F08_Control_260_18_07_2022_1.ab1 | F8 | 54 | 12 | 0 | 26 | 52 | 50 | 46 | 65 | |
| G12_Control_259_18_07_2022_1.ab1 | G12 | 84 | 34 | 874 | 903 | 83 | 103 | 117 | 100 | |
| H02_Control_256_18_07_2022_1.ab1 | H2 | 2 | 39 | 856 | 892 | 66 | 88 | 89 | 83 | |
| D02_Control_262_19_07_2022_1.ab1 | D2 | 10 | 39 | 866 | 918 | 871 | 1214 | 1213 | 1094 | |
| E12_Control_261_19_07_2022_1.ab1 | E12 | 88 | 31 | 864 | 871 | 113 | 137 | 169 | 134 | |
| D12_Control_263_20_07_2022_1.ab1 | D12 | 90 | 38 | 851 | 897 | 1267 | 1742 | 1503 | 1646 | |
| E05_Control_265_2022_07_21_1.ab1 | E5 | 39 | 36 | 823 | 887 | 826 | 953 | 1021 | 824 | |
| H02_Control_264_21_07_2022_1.ab1 | H2 | 2 | 37 | 330 | 335 | 108 | 134 | 154 | 149 | |
| H03_Control_266_2022_07_21_1.ab1 | H3 | 17 | 37 | 743 | 819 | 1042 | 1371 | 1214 | 1238 | |
| C05_Control_268_2022_07_26_1.ab1 | C5 | 43 | 11 | 0 | 34 | 38 | 40 | 35 | 47 | |
| C08_Control_267_2022_07_26_1.ab1 | C8 | 60 | 35 | 797 | 834 | 449 | 513 | 546 | 475 | |
| H06_Control_269_2022_07_26_1.ab1 | H6 | 34 | 36 | 804 | 860 | 582 | 688 | 710 | 661 | |
| B09_Control_275_2022_07_28_1.ab1 | B9 | 77 | 40 | 878 | 949 | 1316 | 1752 | 1537 | 1532 | |
| D06_Control_271_2022_07_28_1.ab1 | D6 | 42 | 36 | 852 | 895 | 641 | 721 | 778 | 647 | |
| D08_Control_270_2022_07_28_1.ab1 | D8 | 58 | 36 | 817 | 864 | 759 | 909 | 943 | 854 | |
| D12_Control_276_2022_07_28_1.ab1 | D12 | 90 | 39 | 870 | 908 | 2021 | 2332 | 2017 | 1961 | |
| G02_Control_273_2022_07_28_1.ab1 | G2 | 4 | 38 | 864 | 909 | 1155 | 1384 | 1305 | 1186 | |
| G11_Control_274_2022_07_28_1.ab1 | G11 | 83 | 36 | 858 | 873 | 1326 | 1817 | 1223 | 1683 | |
| H04_Control_272_2022_07_28_1.ab1 | H4 | 18 | 33 | 815 | 862 | 180 | 223 | 214 | 199 | |