

## Quality Control Report

### Contiguous Read Length

Number of traces (N) = 53

3 traces have short CRL.

5 trace have medium CRL.

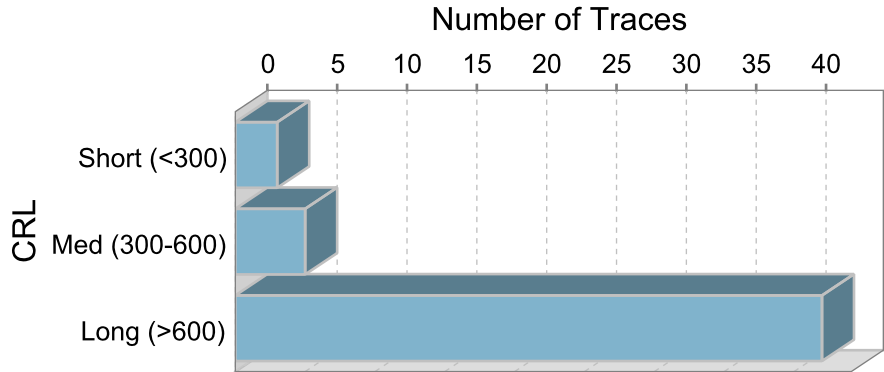
42 traces have long CRL.

Mean = 846

Median = 959

Range = 0 - 985

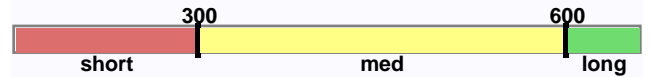
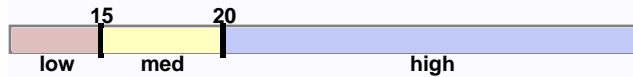
Standard Deviation = 255



### Legend

#### Trace Score

#### CRL

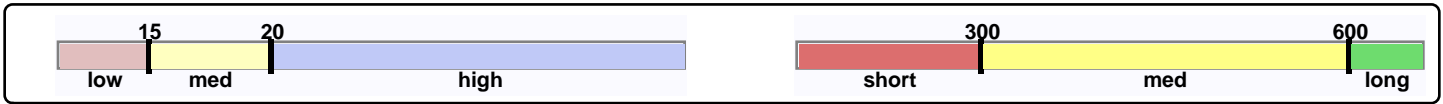


Trace File Name	Well#	Cap#	Trace Score	CRL	QV20+	Signal Intensity				Comments
						A	C	G	T	
H03_Control_368_24_10_2023_1.ab1	H3	17	36	418	435	263	383	390	456	
H04_Control_369_24_10_2023_1.ab1	H4	18	39	914	980	476	715	723	769	
A11_Control_370_25_10_2023_1.ab1	A11	95	39	971	983	552	723	540	726	
B11_Control_370_25_10_2023_1.ab1	B11	93	N/A	N/A	N/A	35	58	38	60	
H10_Control_370_25_10_2023_1.ab1	H10	66	N/A	N/A	N/A	32	46	37	49	
D08_Control_374_26_10_2023_1.ab1	D8	58	39	946	987	786	925	1085	832	
G11_Control_373_26_10_2023_1.ab1	G11	83	38	943	978	1035	1319	1251	1200	
H12_Control_371_26_10_2023_1.ab1	H12	82	39	909	959	805	1017	1072	950	
H12_Control_372_26_10_2023_1.ab1	H12	82	38	936	948	681	808	851	755	
E07_Control_376_27_10_2023_1.ab1	E7	55	38	973	992	804	955	1088	894	
H07_Control_375_27_10_2023_1.ab1	H7	49	39	967	981	292	353	364	310	
B05_Control_377_30_10_2023_1.ab1	B5	45	39	947	978	549	737	822	655	
D12_Control_378_31_10_2023_1.ab1	D12	90	39	912	945	1129	1322	1294	1291	
H05_Control_329_02_10_2023_1.ab1	H5	33	38	982	984	1715	2176	1928	2018	
H12_Control_328_02_10_2023_1.ab1	H12	82	39	958	963	916	1165	1121	1088	
B12_Control_331_03_10_2023_1.ab1	B12	94	39	971	989	1196	1636	1337	1589	
F12_Control_330_03_10_2023_1.ab1	F12	86	39	895	982	1162	1502	1316	1367	
G07_Control_334_05_10_2023_1.ab1	G7	51	38	967	964	348	499	559	457	
G10_Control_333_05_10_2023_1.ab1	G10	68	39	970	976	858	1172	1132	1066	
H06_Control_332_04_10_2023_1.ab1	H6	34	39	961	968	1466	1836	1638	1616	
G11_Control_335_06_10_2023_1.ab1	G11	83	38	968	973	1538	1809	1705	1687	
H03_Control_336_06_10_2023_1.ab1	H3	17	39	970	989	1492	2069	1669	2015	
C11_Control_339_09_10_2023_1.ab1	C11	91	12	93	95	80	109	101	122	
G05_Control_337_09_10_2023_1.ab1	G5	35	41	979	958	791	1199	1353	1098	

**Legend**

**Trace Score**

**CRL**



Trace File Name	Well#	Cap#	Trace Score	CRL	QV20+	Signal Intensity				Comments
						A	C	G	T	
G12_Control_338_09_10_2023_1.ab1	G12	84	39	972	984	1103	1539	1482	1418	
B12_Control_341_10_10_2023_1.ab1	B12	94	39	980	1008	1166	1683	1497	1632	
H07_Control_342_10_10_2023_1.ab1	H7	49	39	985	983	607	800	751	705	
H12_Control_340_10_10_2023_1.ab1	H12	82	38	971	975	1054	1433	1400	1370	
E10_Control_343_11_10_2023_1.ab1	E10	72	39	972	977	1171	1627	1529	1496	
E12_Control_344_11_10_2023_1.ab1	E12	88	N/A	N/A	N/A	34	52	38	54	
B09_Control_345_12_10_2023_1.ab1	B9	77	40	973	981	756	1226	1131	1111	
G11_Control_346_12_10_2023_1.ab1	G11	83	39	911	978	1715	2249	1900	2062	
E09_Control_347_13_10_2023_1.ab1	E9	71	39	925	969	1677	2418	1962	2213	
G12_Control_348_13_10_2023_1.ab1	G12	84	40	858	961	324	497	513	467	
F02_Control_348_16_10_2023_1.ab1	F2	6	39	977	981	1438	2253	1615	2432	
C12_Control_351_17_10_2023_1.ab1	C12	92	39	973	988	1200	1658	1576	1776	
D04_Control_354_17_10_2023_1.ab1	D4	26	39	974	975	1041	1289	1295	1502	
D08_Control_352_16_10_2023_1.ab1	D8	58	39	970	982	1230	1740	1646	1531	
D12_Control_353_17_10_2023_1.ab1	D12	90	36	539	571	247	363	425	424	
H02_Control_350_17_10_2023_1.ab1	H2	2	39	971	973	1786	2447	1713	2406	
D06_Control_358_18_10_2023_1.ab1	D6	42	34	355	425	128	176	255	196	
H07_Control_357_18_10_2023_1.ab1	H7	49	38	970	983	445	597	791	573	
H12_Control_355_18_10_2023_1.ab1	H12	82	36	965	967	353	431	505	408	
A01_Control_364_20_10_2023_1.ab1	A1	15	41	845	861	156	226	234	225	
A01_Control_365_20_10_2023_1.ab1	A1	15	38	855	921	129	174	179	170	
D12_Control_359_19_10_2023_1.ab1	D12	90	36	832	954	158	194	226	199	
D12_Control_363_20_10_2023_1.ab1	D12	90	11	0	18	59	82	80	84	
H02_Control_356_19_10_2023_1.ab1	H2	2	39	957	983	288	357	342	373	
H10_Control_366_20_10_2023_1.ab1	H10	66	41	582	612	185	270	425	305	
H12_Control_360_19_10_2023_1.ab1	H12	82	38	960	969	328	412	515	409	
H12_Control_361_19_10_2023_1.ab1	H12	82	42	946	943	381	555	695	526	
H12_Control_362_20_10_2023_1.ab1	H12	82	10	0	3	65	85	95	74	
A01_Control_367_23_10_2023_1.ab1	A1	15	36	509	548	264	385	451	424	