

## Quality Control Report

### Contiguous Read Length

Number of traces (N) = 49

3 traces have short CRL.

1 trace have medium CRL.

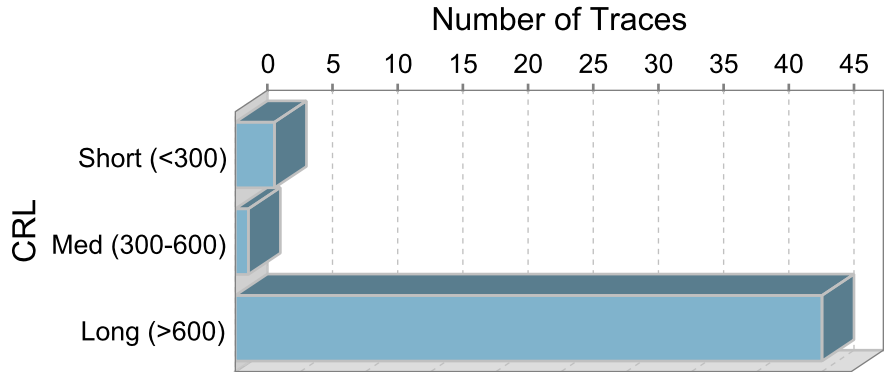
45 traces have long CRL.

Mean = 867

Median = 940

Range = 0 - 982

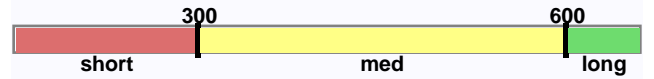
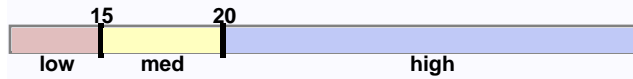
Standard Deviation = 241



### Legend

#### Trace Score

#### CRL

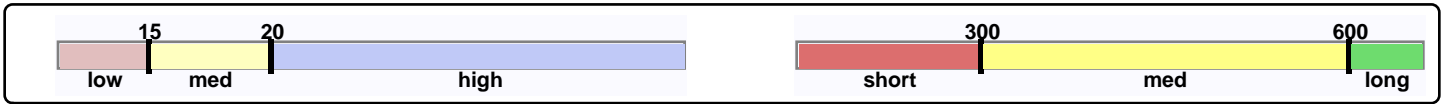


Trace File Name	Well#	Cap#	Trace Score	CRL	QV20+	Signal Intensity				Comments
						A	C	G	T	
A12_Control_140_01_06_2023_1.ab1	A12	96	39	928	974	611	721	703	674	
C12_Control_137_01_06_2023_1.ab1	C12	92	39	947	969	387	501	422	481	
H08_Control_141_01_06_2023_1.ab1	H8	50	39	956	987	793	910	959	969	
H09_Control_139_01_06_2023_1.ab1	H9	65	39	942	969	880	1030	1041	1121	
H12_Control_138_01_06_2023_1.ab1	H12	82	40	940	984	1014	1212	1152	1110	
C12_Control_145_02_06_2023_1.ab1	C12	92	39	913	978	844	1137	978	1122	
G04_Control_146_02_06_2023_1.ab1	G4	20	39	928	972	980	1107	837	1204	
H03_Control_142_02_06_2023_1.ab1	H3	17	40	981	987	1427	1968	1304	1977	
H12_Control_143_02_06_2023_1.ab1	H12	82	39	938	973	565	677	612	637	
H12_Control_144_02_06_2023_1.ab1	H12	82	37	874	914	785	954	867	937	
A09_Control_147_05_06_2023_1.ab1	A9	79	40	982	996	955	1194	1114	1075	
F11_Control_149_06_06_2023_1.ab1	F11	85	17	58	94	45	59	68	73	
G08_Control_148_06_06_2023_1.ab1	G8	52	39	945	983	1002	1160	963	1171	
H10_Control_150_07_06_2023_1.ab1	H10	66	38	980	985	894	1077	939	1044	
E11_Control_151_08_06_2023_1.ab1	E11	87	39	978	989	1041	1267	1210	1239	
G12_Control_152_08_06_2023_1.ab1	G12	84	39	944	972	1072	1293	1186	1321	
A12_Control_155_09_06_2023_1.ab1	A12	96	12	0	33	42	46	38	52	
H01_Control_153_09_06_2023_1.ab1	H1	1	40	966	958	2033	2691	1717	3051	
H12_Control_154_09_06_2023_1.ab1	H12	82	39	975	998	1001	1201	1126	1131	
G11_Control_158_12_06_2023_1.ab1	G11	83	40	692	692	143	198	305	279	
H07_Control_156_12_06_2023_1.ab1	H7	49	38	937	970	1677	1913	1731	1944	
H09_Control_157_12_06_2023_1.ab1	H9	65	39	937	970	1056	1284	1236	1244	
H12_Control_159_12_06_2023_1.ab1	H12	82	29	312	300	110	139	183	183	
C11_Control_162_13_06_2023_1.ab1	C11	91	39	943	959	983	1332	1296	1312	

**Legend**

**Trace Score**

**CRL**



Trace File Name	Well#	Cap#	Trace Score	CRL	QV20+	Signal Intensity				Comments
						A	C	G	T	
H03_Control_163_13_06_2023_1.ab1	H3	17	39	912	973	1145	1362	1070	1586	
H12_Control_160_13_06_2023_1.ab1	H12	82	39	936	966	1270	1529	1542	1484	
H12_Control_161_13_06_2023_1.ab1	H12	82	39	940	976	1233	1489	1555	1498	
G06_Control_166_15_06_2023_1.ab1	G6	36	39	968	996	2046	2507	2173	2403	
H06_Control_165_15_06_2023_1.ab1	H6	34	39	938	982	1367	1669	1458	1600	
H03_Control_167_19_06_2023_1.ab1	H3	17	39	964	995	2404	2754	1912	2893	
H12_Control_168_19_06_2023_1.ab1	H12	82	39	934	959	1561	1899	1694	1753	
G09_Control_169_20_06_2023_1.ab1	G9	67	39	934	966	1552	1969	1662	1725	
H02_Control_170_20_06_2023_1.ab1	H2	2	40	964	977	3016	3487	2382	3383	
H12_Control_171_20_06_2023_1.ab1	H12	82	38	920	960	2324	2925	2680	2834	
A12_Control_172_21_06_2023_1.ab1	A12	96	38	948	974	899	1148	1047	1108	
B12_Control_173_21_06_2023_1.ab1	B12	94	39	968	1003	2386	2968	2255	2956	Alicia Venter
H05_Control_175_22_06_2023_1.ab1	H5	33	37	932	944	154	189	177	181	
H12_Control_174_22_06_2023_1.ab1	H12	82	39	941	968	1448	1788	1746	1677	
F04_Control_176_2023_06_23_1.ab1	F4	22	43	762	744	264	398	361	405	
D02_Control_179_2023_06_26_1.ab1	D2	10	41	929	969	2355	3043	2312	3209	
D11_Control_177_2023_06_26_1.ab1	D11	89	39	967	974	1262	1659	1664	1580	
F04_Control_176_2023_06_26_1.ab1	F4	22	41	958	985	2376	3152	2654	3075	
A01_Control_180_2023_06_27_1.ab1	A1	15	40	969	986	617	802	619	808	
C12_Control_181_2023_06_27_1.ab1	C12	92	40	969	990	1821	2129	1946	2010	
H05_Control_183_2023_06_28_1.ab1	H5	33	39	906	935	688	891	866	844	
H06_Control_182_2023_06_28_1.ab1	H6	34	36	943	968	183	214	187	202	
E07_Control_185_2023_06_29_1.ab1	E7	55	39	927	958	1641	2012	1992	1764	
E12_Control_184_2023_06_29_1.ab1	E12	88	39	963	989	1681	2150	2066	1830	
E01_Control_186_2023_06_30_1.ab1	E1	7	14	11	170	89	100	78	105	