



















## Summary





































Sample Files	Sample Files With QV	Low QV	Med QV	High QV
48	48	< 15	>= 15 and < 20	>=20




























Length of Read (LOR): AverageQV of 20 bases >= 20







Low LOR = 0–300	Medium LOR = 301–500	High LOR > 500
Samples with low LOR = 48	Samples with medium LOR = 0	Samples with high LOR = 0





## Sample Details

Sample File Name	BC Status	PP Status	Well	Cap #	Peak 1	Base Spacing	# Low QV	# Med QV	# High QV	Sample Score	LOR	'A' S/N	'C' S/N	'G' S/N	'T' S/N	Avg S/N	CR Start	CR Stop
16D_r1			C01	3	2581	–13.25	536	29	23	10	0	8	4	6	6	6	39	586
16D_r2			D01	4	2406	–13.25	327	13	15	10	0	8	5	6	6	6	11	355
16D_r3			E01	5	1631	–13.25	5	0	0	0	0	5	4	4	5	4	1	5
16D_r4			F01	6	1631	–13.25	5	0	0	0	0	4	4	4	4	4	1	5
16D_r5			G01	7	1581	12.33	667	47	51	10	0	8	5	7	6	7	28	757
16D_r6			H01	8	1631	–13.25	5	0	0	0	0	5	4	5	4	5	1	5
16F_p1			A01	1	1631	–13.25	5	0	0	0	0	5	5	4	4	5	1	5
16F_p2			B01	2	1420	12.52	708	62	31	10	0	1627	605	1145	1242	1155	32	757
20D_r1			C02	3	1631	–13.25	5	0	0	0	0	4	4	4	4	4	1	5

Sample File Name	BC Sta tus	PP Sta tus	W ell	C ap #	Pea k 1	Bas e Sp aci ng	# Lo w QV	# Me d QV	# Hig h QV	S a m pl e S co re	L O R	'A' S/ N	'C' S/ N	'G' S/ N	'T' S/ N	Av g S/ N	C R St ar t	CR Stop
20D_r2			D02	4	1631	-13.25	5	0	0	0	0	5	4	4	4	4	1	5
20D_r3			E02	5	1631	-13.25	5	0	0	0	0	5	6	4	4	5	1	5
20D_r4			F02	6	1631	-13.25	5	0	0	0	0	5	4	4	4	4	1	5
20D_r5			G02	7	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
20D_r6			H02	8	1631	-13.25	5	0	0	0	0	4	4	4	5	4	1	5
20F_p1			A02	1	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
20F_p2			B02	2	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
22D_r1			C03	3	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
22D_r2			D03	4	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
22D_r3			E03	5	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
22D_r4			F03	6	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
22D_r5			G03	7	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
22D_r6			H03	8	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
22F_p1			A03	1	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
22F_p2			B03	2	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
13_p1			A04	1	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
13_p2			B04	2	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
13_r1			C04	3	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5

Sample File Name	BC Status	PP Status	Well	Cap #	Peak 1	Base Spacing	# Low QV	# Med QV	# High QV	Sample Score	LOR	'A' S/N	'C' S/N	'G' S/N	'T' S/N	Avg S/N	CR Start	CR Stop
13_r2			D04	4	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
13_r3			E04	5	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
13_r4			F04	6	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
13_r5			G04	7	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
13_r6			H04	8	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
16_p1			A05	1	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
16_p2			B05	2	1631	-13.25	5	0	0	0	0	5	4	5	4	4	1	5
16_r1			C05	3	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
16_r2			D05	4	1631	-13.25	5	0	0	0	0	5	4	4	4	4	1	5
16_r3			E05	5	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
16_r4			F05	6	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
16_r5			G05	7	4385	-13.25	147	0	0	11	0	8	5	8	6	7	1	1
16_r6			H05	8	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
18_p1			A06	1	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
18_p2			B06	2	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
18_r1			C06	3	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
18_r2			D06	4	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
18_r3			E06	5	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5

Sample File Name	BC Status	PP Status	Well	Cap #	Peak 1	Base Spacing	# Low QV	# Med QV	# High QV	Sample Score	LOR	'A' S/N	'C' S/N	'G' S/N	'T' S/N	Avg S/N	CR Start	CR Stop
18_r4			F06	6	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5
18_r5			G06	7	1951	-13.25	259	64	29	12	0	22	7	19	12	15	25	352
18_r6			H06	8	1631	-13.25	5	0	0	0	0	4	4	4	4	4	1	5

Legend: Success  Success with warnings  Failed Analysis   
System Error 

### Errors

Sample File Name.	Step Name.	Description.
16D_r1	BaseCalling	Analysis succeeded with warnings : (40103)Missing or invalid data-collection version field in sample file: : (20321)Failed estimation of average peak spacing: : (20325)Failed estimation of average peak width: : (20323)Failed estimation of spacing curve: : (20327)Failed estimation of width curve: : (20337)Analysis stopped due to low signal condition: : (near raw scan 11185)
16D_r2	BaseCalling	Analysis succeeded with warnings : (40103)Missing or invalid data-collection version field in sample file: : (20321)Failed estimation of average peak spacing: : (20325)Failed estimation of average peak width: : (20323)Failed estimation of spacing curve: : (20327)Failed estimation of width curve: : (20337)Analysis stopped due to low signal condition: : (near raw scan 7221)
16D_r3	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (20321)Failed estimation of average peak spacing: : (20325)Failed estimation of average peak width: : (20323)Failed estimation of spacing curve: : (20327)Failed estimation of width curve: : (30335)Signal strength too low for analysis:

Sample File Name.	Step Name.	Description.
16D_r4	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (20321)Failed estimation of average peak spacing: : (20325)Failed estimation of average peak width: : (20323)Failed estimation of spacing curve: : (20327)Failed estimation of width curve: : (30335)Signal strength too low for analysis:
16D_r5	BaseCalling	Analysis succeeded with warnings : (40103)Missing or invalid data-collection version field in sample file: : (20325)Failed estimation of average peak width: : (20323)Failed estimation of spacing curve: : (20327)Failed estimation of width curve: : (20337)Analysis stopped due to low signal condition: : (near raw scan 11550)
16D_r6	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
16F_p1	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (20321)Failed estimation of average peak spacing: : (20325)Failed estimation of average peak width: : (20323)Failed estimation of spacing curve: : (20327)Failed estimation of width curve: : (30335)Signal strength too low for analysis:
16F_p2	BaseCalling	Analysis succeeded with warnings : (40103)Missing or invalid data-collection version field in sample file: : (20337)Analysis stopped due to low signal condition: : (near raw scan 10889)
20D_r1	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
20D_r2	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
20D_r3	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
20D_r4	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
20D_r5	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
20D_r6	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
20F_p1	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
20F_p2	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:

Sample File Name.	Step Name.	Description.
22D_r1	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
22D_r2	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
22D_r3	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
22D_r4	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
22D_r5	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
22D_r6	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (20321)Failed estimation of average peak spacing: : (20325)Failed estimation of average peak width: : (20323)Failed estimation of spacing curve: : (20327)Failed estimation of width curve: : (30335)Signal strength too low for analysis:
22F_p1	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
22F_p2	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
13_p1	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
13_p2	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
13_r1	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
13_r2	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
13_r3	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
13_r4	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
13_r5	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:

Sample File Name.	Step Name.	Description.
13_r6	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
16_p1	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
16_p2	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
16_r1	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
16_r2	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (20321)Failed estimation of average peak spacing: : (20325)Failed estimation of average peak width: : (20323)Failed estimation of spacing curve: : (20327)Failed estimation of width curve: : (30335)Signal strength too low for analysis:
16_r3	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
16_r4	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
16_r5	BaseCalling	Analysis succeeded with warnings : (40103)Missing or invalid data-collection version field in sample file: : (20321)Failed estimation of average peak spacing: : (20325)Failed estimation of average peak width: : (20323)Failed estimation of spacing curve: : (20327)Failed estimation of width curve: : (20337)Analysis stopped due to low signal condition: : (near raw scan 6018)
16_r6	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
18_p1	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
18_p2	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
18_r1	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
18_r2	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
18_r3	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:

Sample File Name.	Step Name.	Description.
18_r4	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis:
18_r5	BaseCalling	Analysis succeeded with warnings : (40103)Missing or invalid data-collection version field in sample file: : (20321)Failed estimation of average peak spacing: : (20323)Failed estimation of spacing curve: : (20337) Analysis stopped due to low signal condition: : (near raw scan 6010)
18_r6	BaseCalling	Analysis failed due to poor data quality : (40103)Missing or invalid data-collection version field in sample file: : (30335)Signal strength too low for analysis: