

XXXXXXXXXX 16S-ATCC-MSA1003-Revio-Demux - Bio Sample 4

SUCCESSFUL

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Delete

- ▼ Analysis Overview
- Status
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- Display All
- Barcodes
- Data

Display All

Status



Analysis ID 109692

From Multi-Job [109691](#)

Status SUCCESSFUL: 4 tasks finished

Created By etseng

Date Created 2023-12-12, 09:12:43 AM

Date Updated 2023-12-12, 02:58:53 PM

Application Demultiplex Barcodes

SMRT Link Version 13.0.0.207600

Inputs

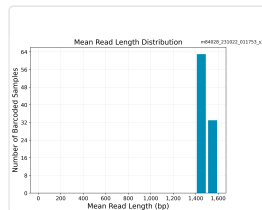
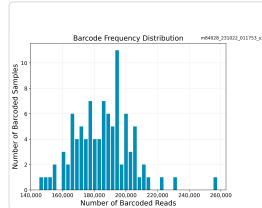
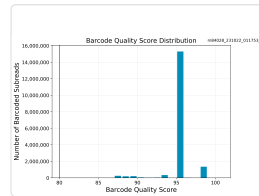
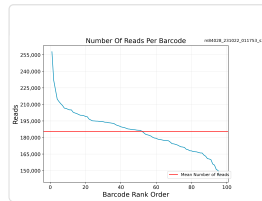
Data Type ↑↓	Name ↑↓
BarcodeSet	Barcode Sets: Kinnex16S_384plex_primers
ConsensusReadSet	HiFi Reads: 20231020-4_84028_13.0VnV-MAS-Seq_PE8_24hPE...

Path

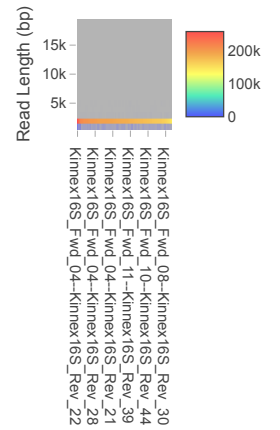
/pbi/flash/smrtlink/smrtlink-alpha/smrtlink/userdata/jobs_root/0000/0000109/0000109692

► Analysis Parameters

Thumbnails

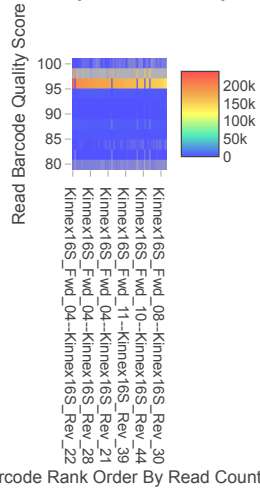


Read Length Distribution By Barcode



Barcode Rank Order By Read Count

Barcode Quality Distribution By Barcode



Barcodes

Value	Analysis Metric
96	Unique Barcodes
17,817,986	Barcoded HiFi Reads
284,837	Unbarcoded HiFi Reads
98.42%	Barcoded HiFi Reads (%)
26.73 Gb	Barcoded HiFi yield (Gb)
1.05 Gb	Unbarcoded HiFi yield (Gb)
96.22%	Barcoded HiFi Yield (%)
185,604	Mean HiFi Reads per Barcode
257,874	Max. HiFi Reads per Barcode
145,079	Min. HiFi Reads per Barcode
1.50 kb	Barcoded HiFi read length (mean, kb)
3.68 kb	Unbarcoded HiFi read length (mean, kb)

Barcode Data

Sample Name	Barcode	Barcode Quality	HiFi Reads	HiFi Read Length...	HiFi
Bio Sample 12	Kinnex16S_Fwd_0...	97.6	178,185	1,500	Q
Bio Sample 13	Kinnex16S_Fwd_0...	97.6	160,556	1,500	Q
Bio Sample 14	Kinnex16S_Fwd_0...	97.6	214,800	1,503	Q
Bio Sample 15	Kinnex16S_Fwd_0...	97.6	171,608	1,499	Q
Bio Sample 16	Kinnex16S_Fwd_0...	97.6	177,219	1,499	Q
Bio Sample 17	Kinnex16S_Fwd_0...	97.6	168,015	1,499	Q

Bio Sample 18	Kinnex16S_Fwd_0...	97.6	189,332	1,500	Q
Bio Sample 19	Kinnex16S_Fwd_0...	97.6	180,258	1,499	Q
Bio Sample 54	Kinnex16S_Fwd_0...	94.6	200,973	1,500	Q
Bio Sample 55	Kinnex16S_Fwd_0...	94.6	185,630	1,500	Q
Bio Sample 56	Kinnex16S_Fwd_0...	94.6	193,868	1,500	Q
Bio Sample 57	Kinnex16S_Fwd_0...	94.6	194,567	1,499	Q
Bio Sample 58	Kinnex16S_Fwd_0...	94.6	202,280	1,499	Q
Bio Sample 59	Kinnex16S_Fwd_0...	94.7	193,435	1,499	Q
Bio Sample 60	Kinnex16S_Fwd_0...	94.6	205,086	1,499	Q
Bio Sample 61	Kinnex16S_Fwd_0...	94.6	200,148	1,499	Q
Bio Sample 95	Kinnex16S_Fwd_0...	94.6	195,055	1,499	Q
Bio Sample 96	Kinnex16S_Fwd_0...	94.6	175,835	1,499	Q
Bio Sample 97	Kinnex16S_Fwd_0...	94.6	187,300	1,499	Q
Bio Sample 98	Kinnex16S_Fwd_0...	94.6	187,041	1,499	Q
Bio Sample 99	Kinnex16S_Fwd_0...	94.6	194,853	1,499	Q
Bio Sample 100	Kinnex16S_Fwd_0...	94.6	189,009	1,499	Q
Bio Sample 101	Kinnex16S_Fwd_0...	94.6	194,597	1,499	Q
Bio Sample 102	Kinnex16S_Fwd_0...	94.6	195,892	1,499	Q
Bio Sample 143	Kinnex16S_Fwd_0...	94.6	191,719	1,499	Q
Bio Sample 144	Kinnex16S_Fwd_0...	94.6	257,874	1,505	Q
Bio Sample 145	Kinnex16S_Fwd_0...	94.6	199,096	1,500	Q
Bio Sample 146	Kinnex16S_Fwd_0...	94.6	206,387	1,501	Q
Bio Sample 147	Kinnex16S_Fwd_0...	94.6	198,863	1,499	Q
Bio Sample 148	Kinnex16S_Fwd_0...	94.6	187,658	1,499	Q
Bio Sample 149	Kinnex16S_Fwd_0...	94.7	192,800	1,499	Q
Bio Sample 150	Kinnex16S_Fwd_0...	94.7	199,878	1,499	Q
Bio Sample 182	Kinnex16S_Fwd_0...	94.6	174,251	1,500	Q
Bio Sample 183	Kinnex16S_Fwd_0...	94.6	166,412	1,500	Q
Bio Sample 184	Kinnex16S_Fwd_0...	94.6	177,945	1,499	Q
Bio Sample 185	Kinnex16S_Fwd_0...	94.6	167,251	1,500	Q
Bio Sample 186	Kinnex16S_Fwd_0...	94.6	179,548	1,499	Q
Bio Sample 187	Kinnex16S_Fwd_0...	94.6	167,133	1,499	Q
Bio Sample 188	Kinnex16S_Fwd_0...	94.6	166,969	1,499	Q
Bio Sample 189	Kinnex16S_Fwd_0...	94.6	179,333	1,499	Q
Bio Sample 220	Kinnex16S_Fwd_0...	94.6	169,402	1,500	Q
Bio Sample 221	Kinnex16S_Fwd_0...	94.6	154,998	1,500	Q
Bio Sample 222	Kinnex16S_Fwd_0...	94.6	171,399	1,500	Q
Bio Sample 223	Kinnex16S_Fwd_0...	94.6	156,005	1,499	Q
Bio Sample 224	Kinnex16S_Fwd_0...	94.6	177,546	1,499	Q
Bio Sample 225	Kinnex16S_Fwd_0...	94.6	163,067	1,499	Q
Bio Sample 226	Kinnex16S_Fwd_0...	94.7	209,047	1,502	Q
Bio Sample 227	Kinnex16S_Fwd_0...	94.6	174,416	1,499	Q
Bio Sample 265	Kinnex16S_Fwd_0...	94.6	182,953	1,500	Q
Bio Sample 266	Kinnex16S_Fwd_0...	94.6	145,079	1,500	Q
Bio Sample 267	Kinnex16S_Fwd_0...	94.6	181,348	1,499	Q
Bio Sample 268	Kinnex16S_Fwd_0...	94.6	173,239	1,499	Q

Bio Sample 269	Kinnex16S_Fwd_0...	94.6	167,908	1,499	Q
Bio Sample 270	Kinnex16S_Fwd_0...	94.6	187,810	1,500	Q
Bio Sample 271	Kinnex16S_Fwd_0...	94.6	173,762	1,499	Q
Bio Sample 272	Kinnex16S_Fwd_0...	94.6	184,308	1,499	Q
Bio Sample 301	Kinnex16S_Fwd_0...	94.6	200,261	1,500	Q
Bio Sample 302	Kinnex16S_Fwd_0...	94.6	159,880	1,500	Q
Bio Sample 303	Kinnex16S_Fwd_0...	94.6	202,996	1,500	Q
Bio Sample 304	Kinnex16S_Fwd_0...	94.7	188,428	1,499	Q
Bio Sample 305	Kinnex16S_Fwd_0...	94.6	194,897	1,500	Q
Bio Sample 306	Kinnex16S_Fwd_0...	94.6	223,339	1,501	Q
Bio Sample 307	Kinnex16S_Fwd_0...	94.6	187,093	1,499	Q
Bio Sample 308	Kinnex16S_Fwd_0...	94.6	201,800	1,499	Q
Bio Sample 336	Kinnex16S_Fwd_0...	94.6	189,743	1,499	Q
Bio Sample 337	Kinnex16S_Fwd_0...	94.6	151,040	1,500	Q
Bio Sample 338	Kinnex16S_Fwd_0...	94.6	186,533	1,499	Q
Bio Sample 339	Kinnex16S_Fwd_0...	94.6	177,374	1,499	Q
Bio Sample 340	Kinnex16S_Fwd_0...	94.6	177,044	1,499	Q
Bio Sample 341	Kinnex16S_Fwd_0...	94.6	186,607	1,499	Q
Bio Sample 342	Kinnex16S_Fwd_0...	94.6	178,506	1,499	Q
Bio Sample 343	Kinnex16S_Fwd_0...	94.6	195,137	1,500	Q
Bio Sample 378	Kinnex16S_Fwd_1...	94.7	193,004	1,499	Q
Bio Sample 379	Kinnex16S_Fwd_1...	94.6	193,287	1,499	Q
Bio Sample 380	Kinnex16S_Fwd_1...	94.7	193,903	1,499	Q
Bio Sample 381	Kinnex16S_Fwd_1...	94.7	182,029	1,499	Q
Bio Sample 382	Kinnex16S_Fwd_1...	94.6	190,961	1,499	Q
Bio Sample 383	Kinnex16S_Fwd_1...	94.6	186,733	1,499	Q
Bio Sample 384	Kinnex16S_Fwd_1...	94.7	194,345	1,500	Q
Bio Sample 385	Kinnex16S_Fwd_1...	94.6	172,394	1,499	Q
Bio Sample 411	Kinnex16S_Fwd_1...	94.7	164,133	1,499	Q
Bio Sample 412	Kinnex16S_Fwd_1...	94.6	165,969	1,500	Q
Bio Sample 413	Kinnex16S_Fwd_1...	94.6	182,487	1,500	Q
Bio Sample 414	Kinnex16S_Fwd_1...	94.7	160,889	1,499	Q
Bio Sample 415	Kinnex16S_Fwd_1...	94.6	168,992	1,499	Q
Bio Sample 416	Kinnex16S_Fwd_1...	94.6	171,017	1,499	Q
Bio Sample 417	Kinnex16S_Fwd_1...	94.7	166,016	1,499	Q
Bio Sample 418	Kinnex16S_Fwd_1...	94.6	150,179	1,499	Q
Bio Sample 443	Kinnex16S_Fwd_1...	94.7	231,992	1,501	Q
Bio Sample 444	Kinnex16S_Fwd_1...	94.6	210,698	1,500	Q
Bio Sample 445	Kinnex16S_Fwd_1...	94.6	212,598	1,499	Q
Bio Sample 446	Kinnex16S_Fwd_1...	94.6	196,760	1,499	Q
Bio Sample 447	Kinnex16S_Fwd_1...	94.6	206,705	1,499	Q
Bio Sample 448	Kinnex16S_Fwd_1...	94.6	205,664	1,499	Q
Bio Sample 449	Kinnex16S_Fwd_1...	94.7	205,078	1,499	Q
Bio Sample 450	Kinnex16S_Fwd_1...	94.6	190,529	1,500	Q
No Name	Not Barcoded	0.0	284,837	3,678	Q

Inferred Barcodes

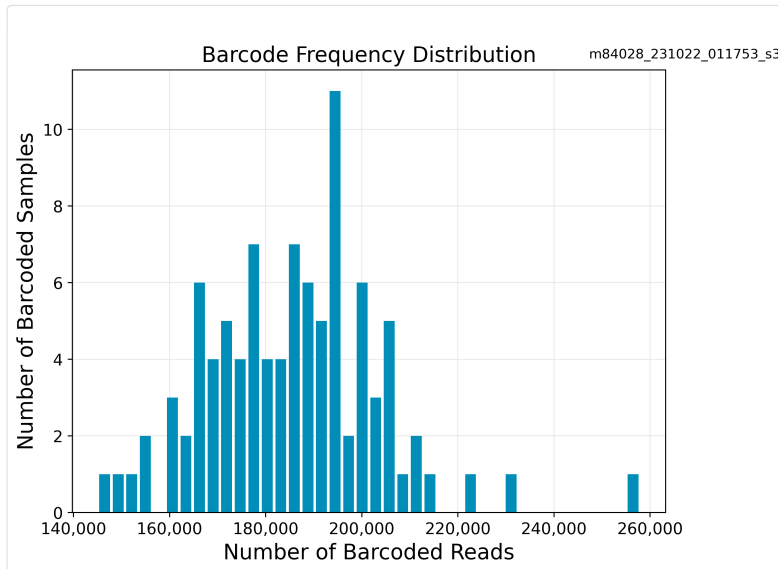
Barcode ⌵	Reads, % ⌵	Barcode s
Kinnex16S_Fwd_01--Kinnex16S_Rev_13	1	97
Kinnex16S_Fwd_01--Kinnex16S_Rev_14	0.8	97
Kinnex16S_Fwd_01--Kinnex16S_Rev_15	1.1	97
Kinnex16S_Fwd_01--Kinnex16S_Rev_16	0.9	97
Kinnex16S_Fwd_01--Kinnex16S_Rev_17	0.9	97
Kinnex16S_Fwd_01--Kinnex16S_Rev_18	0.9	97
Kinnex16S_Fwd_01--Kinnex16S_Rev_19	1	97
Kinnex16S_Fwd_01--Kinnex16S_Rev_20	1	97
Kinnex16S_Fwd_01--Kinnex16S_Rev_21	0	94
Kinnex16S_Fwd_01--Kinnex16S_Rev_22	0	96
Kinnex16S_Fwd_01--Kinnex16S_Rev_23	0	98
Kinnex16S_Fwd_01--Kinnex16S_Rev_24	0	98
Kinnex16S_Fwd_01--Kinnex16S_Rev_25	0	98
Kinnex16S_Fwd_01--Kinnex16S_Rev_26	0	98
Kinnex16S_Fwd_01--Kinnex16S_Rev_27	0	92
Kinnex16S_Fwd_01--Kinnex16S_Rev_28	0	97
Kinnex16S_Fwd_01--Kinnex16S_Rev_29	0	81
Kinnex16S_Fwd_01--Kinnex16S_Rev_30	0	98
Kinnex16S_Fwd_01--Kinnex16S_Rev_31	0	98
Kinnex16S_Fwd_01--Kinnex16S_Rev_35	0	98
Kinnex16S_Fwd_01--Kinnex16S_Rev_36	0	97
Kinnex16S_Fwd_01--Kinnex16S_Rev_37	0	98
Kinnex16S_Fwd_01--Kinnex16S_Rev_38	0	98
Kinnex16S_Fwd_01--Kinnex16S_Rev_39	0	90
Kinnex16S_Fwd_01--Kinnex16S_Rev_40	0	94
Kinnex16S_Fwd_01--Kinnex16S_Rev_41	0	93
Kinnex16S_Fwd_01--Kinnex16S_Rev_42	0	90
Kinnex16S_Fwd_01--Kinnex16S_Rev_43	0	85
Kinnex16S_Fwd_01--Kinnex16S_Rev_44	0	96
Kinnex16S_Fwd_02--Kinnex16S_Rev_13	1	94
Kinnex16S_Fwd_02--Kinnex16S_Rev_14	1	94
Kinnex16S_Fwd_02--Kinnex16S_Rev_15	1.1	94
Kinnex16S_Fwd_02--Kinnex16S_Rev_16	1.1	94
Kinnex16S_Fwd_02--Kinnex16S_Rev_17	1.1	94
Kinnex16S_Fwd_02--Kinnex16S_Rev_18	1	94
Kinnex16S_Fwd_02--Kinnex16S_Rev_19	1.1	94
Kinnex16S_Fwd_02--Kinnex16S_Rev_20	1.1	94
Kinnex16S_Fwd_02--Kinnex16S_Rev_21	0	95
Kinnex16S_Fwd_02--Kinnex16S_Rev_22	0	95
Kinnex16S_Fwd_02--Kinnex16S_Rev_23	0	95
Kinnex16S_Fwd_02--Kinnex16S_Rev_24	0	92
Kinnex16S_Fwd_02--Kinnex16S_Rev_25	0	88
Kinnex16S_Fwd_02--Kinnex16S_Rev_26	0	85

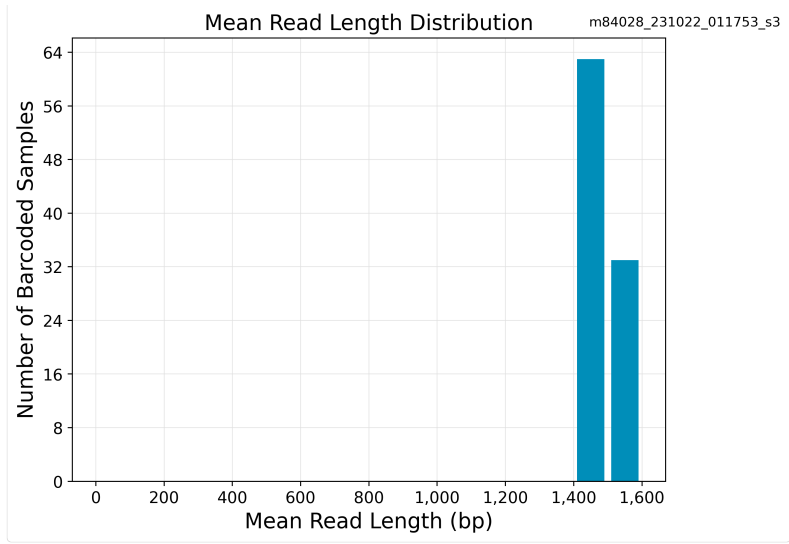
Kinnex16S_Fwd_02--Kinnex16S_Rev_26	0	88
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Kinnex16S_Fwd_02--Kinnex16S_Rev_30	0	95
Kinnex16S_Fwd_02--Kinnex16S_Rev_31	0	95
Kinnex16S_Fwd_02--Kinnex16S_Rev_32	0	90
Kinnex16S_Fwd_02--Kinnex16S_Rev_33	0	95
Kinnex16S_Fwd_02--Kinnex16S_Rev_36	0	88
Kinnex16S_Fwd_02--Kinnex16S_Rev_37	0	94
Kinnex16S_Fwd_02--Kinnex16S_Rev_38	0	95
Kinnex16S_Fwd_02--Kinnex16S_Rev_41	0	95
Kinnex16S_Fwd_02--Kinnex16S_Rev_42	0	95
Kinnex16S_Fwd_02--Kinnex16S_Rev_43	0	92
Kinnex16S_Fwd_02--Kinnex16S_Rev_44	0	95
Kinnex16S_Fwd_03--Kinnex16S_Rev_13	1.1	94
Kinnex16S_Fwd_03--Kinnex16S_Rev_14	0.9	94
Kinnex16S_Fwd_03--Kinnex16S_Rev_15	1	94
Kinnex16S_Fwd_03--Kinnex16S_Rev_16	1	94
Kinnex16S_Fwd_03--Kinnex16S_Rev_17	1.1	94
Kinnex16S_Fwd_03--Kinnex16S_Rev_18	1	94
Kinnex16S_Fwd_03--Kinnex16S_Rev_19	1	94
Kinnex16S_Fwd_03--Kinnex16S_Rev_20	1.1	94
Kinnex16S_Fwd_03--Kinnex16S_Rev_21	0	95
Kinnex16S_Fwd_03--Kinnex16S_Rev_22	0	95
Kinnex16S_Fwd_03--Kinnex16S_Rev_24	0	83
Kinnex16S_Fwd_03--Kinnex16S_Rev_25	0	95
Kinnex16S_Fwd_03--Kinnex16S_Rev_27	0	92
Kinnex16S_Fwd_03--Kinnex16S_Rev_28	0	94
Kinnex16S_Fwd_03--Kinnex16S_Rev_30	0	84
Kinnex16S_Fwd_03--Kinnex16S_Rev_31	0	88
Kinnex16S_Fwd_03--Kinnex16S_Rev_33	0	90
Kinnex16S_Fwd_03--Kinnex16S_Rev_34	0	95
Kinnex16S_Fwd_03--Kinnex16S_Rev_36	0	95
Kinnex16S_Fwd_03--Kinnex16S_Rev_37	0	88
Kinnex16S_Fwd_03--Kinnex16S_Rev_38	0	95
Kinnex16S_Fwd_03--Kinnex16S_Rev_39	0	93
Kinnex16S_Fwd_03--Kinnex16S_Rev_40	0	92
Kinnex16S_Fwd_03--Kinnex16S_Rev_41	0	82
Kinnex16S_Fwd_03--Kinnex16S_Rev_42	0	95
Kinnex16S_Fwd_03--Kinnex16S_Rev_44	0	97
Kinnex16S_Fwd_04--Kinnex16S_Rev_15	0	92
Kinnex16S_Fwd_04--Kinnex16S_Rev_16	0	90
Kinnex16S_Fwd_04--Kinnex16S_Rev_18	0	81
Kinnex16S_Fwd_04--Kinnex16S_Rev_19	0	82
Kinnex16S_Fwd_04--Kinnex16S_Rev_21	1	94
Kinnex16S_Fwd_04--Kinnex16S_Rev_22	1.4	94
Kinnex16S_Fwd_04--Kinnex16S_Rev_23	1	94

Kinnex16S_Fwd_04--Kinnex16S_Rev_24	1.2	94
Kinnex16S_Fwd_04--Kinnex16S_Rev_25	1	94
Kinnex16S_Fwd_04--Kinnex16S_Rev_26	1	94
Kinnex16S_Fwd_04--Kinnex16S_Rev_27	1.1	94
Kinnex16S_Fwd_04--Kinnex16S_Rev_28	1	94
Kinnex16S_Fwd_04--Kinnex16S_Rev_29	0	95
Kinnex16S_Fwd_04--Kinnex16S_Rev_31	0	95
Kinnex16S_Fwd_04--Kinnex16S_Rev_33	0	93
Kinnex16S_Fwd_04--Kinnex16S_Rev_34	0	90
Kinnex16S_Fwd_04--Kinnex16S_Rev_35	0	95
Kinnex16S_Fwd_04--Kinnex16S_Rev_36	0	95
Kinnex16S_Fwd_04--Kinnex16S_Rev_39	0	95
Kinnex16S_Fwd_04--Kinnex16S_Rev_40	0	95
Kinnex16S_Fwd_04--Kinnex16S_Rev_41	0	95
Kinnex16S_Fwd_04--Kinnex16S_Rev_42	0	95
Kinnex16S_Fwd_04--Kinnex16S_Rev_43	0	87
Kinnex16S_Fwd_04--Kinnex16S_Rev_44	0	92
Kinnex16S_Fwd_05--Kinnex16S_Rev_13	0	95
Kinnex16S_Fwd_05--Kinnex16S_Rev_14	0	95
Kinnex16S_Fwd_05--Kinnex16S_Rev_16	0	82
Kinnex16S_Fwd_05--Kinnex16S_Rev_17	0	94
Kinnex16S_Fwd_05--Kinnex16S_Rev_20	0	93
Kinnex16S_Fwd_05--Kinnex16S_Rev_21	1	94
Kinnex16S_Fwd_05--Kinnex16S_Rev_22	0.9	94
Kinnex16S_Fwd_05--Kinnex16S_Rev_23	0.9	94
Kinnex16S_Fwd_05--Kinnex16S_Rev_24	0.9	94
Kinnex16S_Fwd_05--Kinnex16S_Rev_25	1	94
Kinnex16S_Fwd_05--Kinnex16S_Rev_26	0.9	94
Kinnex16S_Fwd_05--Kinnex16S_Rev_27	0.9	94
Kinnex16S_Fwd_05--Kinnex16S_Rev_28	1	94
Kinnex16S_Fwd_05--Kinnex16S_Rev_31	0	88
Kinnex16S_Fwd_05--Kinnex16S_Rev_32	0	95
Kinnex16S_Fwd_05--Kinnex16S_Rev_33	0	91
Kinnex16S_Fwd_05--Kinnex16S_Rev_34	0	95
Kinnex16S_Fwd_05--Kinnex16S_Rev_35	0	95
Kinnex16S_Fwd_05--Kinnex16S_Rev_36	0	95
Kinnex16S_Fwd_05--Kinnex16S_Rev_37	0	91
Kinnex16S_Fwd_05--Kinnex16S_Rev_38	0	95
Kinnex16S_Fwd_05--Kinnex16S_Rev_39	0	95
Kinnex16S_Fwd_05--Kinnex16S_Rev_40	0	95
Kinnex16S_Fwd_05--Kinnex16S_Rev_41	0	91
Kinnex16S_Fwd_05--Kinnex16S_Rev_42	0	92
Kinnex16S_Fwd_05--Kinnex16S_Rev_44	0	89
Kinnex16S_Fwd_06--Kinnex16S_Rev_13	0	95
Kinnex16S_Fwd_06--Kinnex16S_Rev_14	0	88
Kinnex16S_Fwd_06--Kinnex16S_Rev_15	0	95
Kinnex16S_Fwd_06--Kinnex16S_Rev_17	0	95

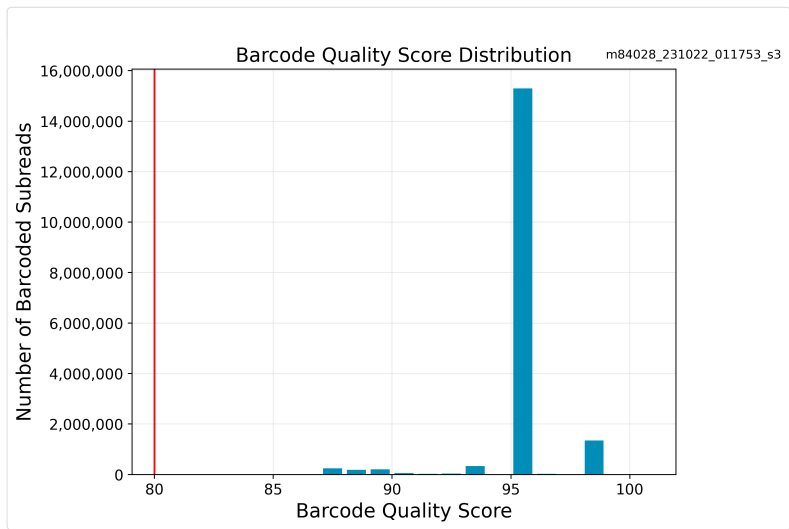
Kinnex16S_Fwd_06--Kinnex16S_Rev_17	0	95
Kinnex16S_Fwd_06--Kinnex16S_Rev_19	0	83
Kinnex16S_Fwd_06--Kinnex16S_Rev_20	0	85
Kinnex16S_Fwd_06--Kinnex16S_Rev_21	0.8	94
Kinnex16S_Fwd_06--Kinnex16S_Rev_22	0.9	94
Kinnex16S_Fwd_06--Kinnex16S_Rev_23	1	94

Barcoded Read Statistics

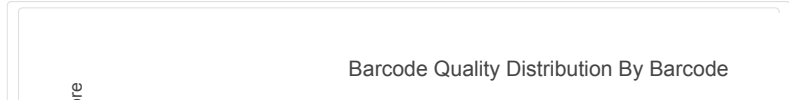
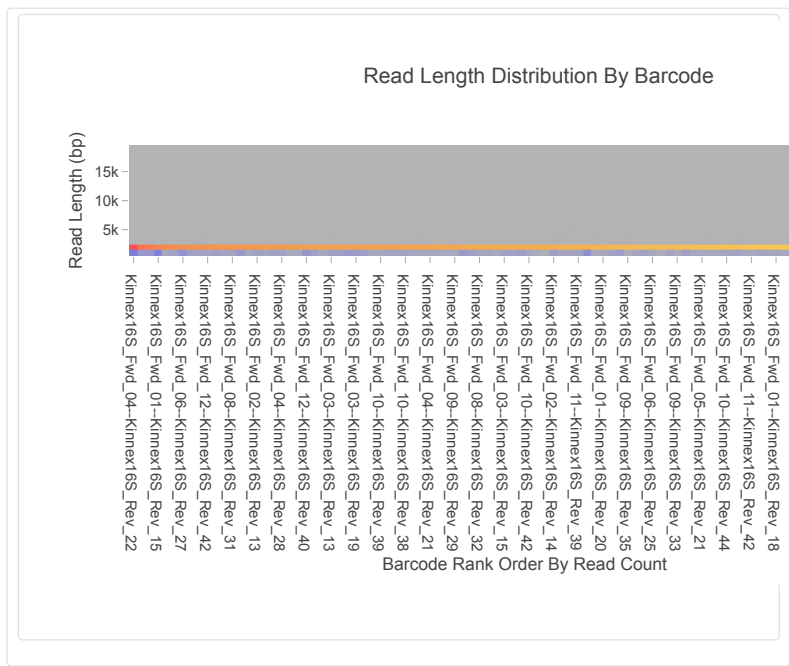


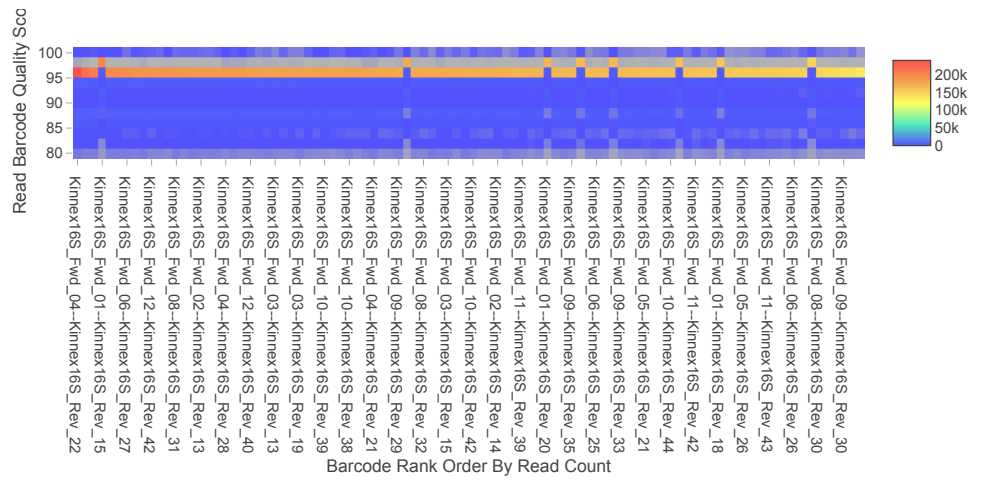


Barcode Quality Scores



Barcoded Read Binned Histograms





File Downloads

Edit Output File Name Prefix

Example:analysis-Bio Sample 4-109692

File [↑]	Size [↑]	Type [↑]
Kinnex16S-MSA1003 (Bio Sample 221).	19 KB	ConsensusReadSet
Kinnex16S-MSA1003 (Bio Sample 225).	19 KB	ConsensusReadSet
Kinnex16S-MSA1003 (Bio Sample 450).	19 KB	ConsensusReadSet
Kinnex16S-MSA1003 (Bio Sample 185).	19 KB	ConsensusReadSet
Kinnex16S-MSA1003 (Bio Sample 224).	19 KB	ConsensusReadSet
Kinnex16S-MSA1003 (Bio Sample 338).	19 KB	ConsensusReadSet
Kinnex16S-MSA1003 (Bio Sample 302).	19 KB	ConsensusReadSet
Kinnex16S-MSA1003 (Bio Sample 102).	19 KB	ConsensusReadSet
Kinnex16S-MSA1003 (Bio Sample 414).	19 KB	ConsensusReadSet
Kinnex16S-MSA1003 (Bio Sample 443).	19 KB	ConsensusReadSet
Kinnex16S-MSA1003 (Bio Sample 148).	19 KB	ConsensusReadSet

SMRT Link Log