MultiQC

A modular tool to aggregate results from bioinformatics analyses across many samples into a single report.

Report generated on 2023-10-17, 17:40 PDT based on data in: `/scratch/st-spakpour-1/bioinformatic-pipelines-workflow/qc_results/fastqc_trimmed_25_60_10`

General Statistics

Copy table | Configure Columns | Plot | Showing $^{362}/_{362}$ rows and $^{3}/_{5}$ columns.

Sample Name	% Dups	% GC	M Seqs
02-01-Li41560-CAACGTAC_R1_kneaddata_paired_1	23.3%	51%	11.9
02-01-Li41560-CAACGTAC_R1_kneaddata_paired_2	16.8%	51%	11.9
100-01-Li41380-CGTACGTA_R1_kneaddata_paired_1	26.7%	48%	10.2
100-01-Li41380-CGTACGTA_R1_kneaddata_paired_2	19.2%	48%	10.2
100-02-Li41381-AGGAACGT_R1_kneaddata_paired_1	21.5%	45%	7.2
100-02-Li41381-AGGAACGT_R1_kneaddata_paired_2	17.6%	45%	7.2
100-04-Li41382-CTAGCTAG_R1_kneaddata_paired_1	19.4%	50%	7.9
100-04-Li41382-CTAGCTAG_R1_kneaddata_paired_2	14.7%	49%	7.9
100-05-Li41383-CTCTCAGT_R1_kneaddata_paired_1	12.5%	47%	5.2
100-05-Li41383-CTCTCAGT_R1_kneaddata_paired_2	10.2%	47%	5.2
100-06-Li41384-GTACTGCA_R1_kneaddata_paired_1	26.1%	49%	8.6
100-06-Li41384-GTACTGCA_R1_kneaddata_paired_2	19.3%	49%	8.6
100-07-Li41385-CTTCCATG_R1_kneaddata_paired_1	18.9%	48%	7.0
100-07-Li41385-CTTCCATG_R1_kneaddata_paired_2	13.9%	48%	7.0
100-08-Li41386-TACGAACC_R1_kneaddata_paired_1	22.7%	48%	8.7
100-08-Li41386-TACGAACC_R1_kneaddata_paired_2	15.9%	48%	8.7
100-09-Li41387-TACCATGG_R1_kneaddata_paired_1	22.4%	48%	6.2
100-09-Li41387-TACCATGG_R1_kneaddata_paired_2	16.2%	47%	6.2
100-10-Li41388-AGCTAGCT_R1_kneaddata_paired_1	26.9%	51%	11.2
100-10-Li41388-AGCTAGCT_R1_kneaddata_paired_2	18.9%	50%	11.2
100-12-Li41389-AGGTAGGT_R1_kneaddata_paired_1	16.5%	46%	6.6

100-12-Li41389-AGGTAGGT_R1_kneaddata_paired_2	14.0%	46%	6.6
100-13-Li41390-CAGTCAGT_R1_kneaddata_paired_1	23.2%	48%	7.9
100-13-Li41390-CAGTCAGT_R1_kneaddata_paired_2	17.6%	48%	7.9
100-14-Li41391-CAAGCTTG_R1_kneaddata_paired_1	16.9%	49%	6.6
100-14-Li41391-CAAGCTTG_R1_kneaddata_paired_2	11.7%	49%	6.6
100-15-Li41392-AACCTTGG_R1_kneaddata_paired_1	23.8%	49%	7.3
100-15-Li41392-AACCTTGG_R1_kneaddata_paired_2	17.5%	49%	7.3
100-17-Li41393-ATCGTAGC_R1_kneaddata_paired_1	16.5%	50%	4.5
100-17-Li41393-ATCGTAGC_R1_kneaddata_paired_2	12.7%	50%	4.5
100-18-Li41394-CACTAGAC_R1_kneaddata_paired_1	16.3%	50%	6.5
100-18-Li41394-CACTAGAC_R1_kneaddata_paired_2	12.2%	50%	6.5
100-19-Li41395-GCTTCCTA_R1_kneaddata_paired_1	24.4%	48%	6.1
100-19-Li41395-GCTTCCTA_R1_kneaddata_paired_2	19.2%	48%	6.1
100-20-Li41396-GCTTAACG_R1_kneaddata_paired_1	25.8%	50%	8.0
100-20-Li41396-GCTTAACG_R1_kneaddata_paired_2	21.3%	50%	8.0
100-21-Li41397-GTACCAAC_R1_kneaddata_paired_1	15.4%	47%	6.9
100-21-Li41397-GTACCAAC_R1_kneaddata_paired_2	11.6%	47%	6.9
100-22-Li41398-GAAGTCCT_R1_kneaddata_paired_1	18.7%	50%	4.3
100-22-Li41398-GAAGTCCT_R1_kneaddata_paired_2	11.5%	50%	4.3
100-23-Li41399-CCAATACG_R1_kneaddata_paired_1	12.1%	47%	4.7
100-23-Li41399-CCAATACG_R1_kneaddata_paired_2	10.6%	47%	4.7
100-24-Li41400-AGCTCTAG_R1_kneaddata_paired_1	27.7%	53%	4.6
100-24-Li41400-AGCTCTAG_R1_kneaddata_paired_2	19.7%	52%	4.6
100-25-Li41401-CGTAGCTA_R1_kneaddata_paired_1	19.0%	50%	5.3
100-25-Li41401-CGTAGCTA_R1_kneaddata_paired_2	16.2%	49%	5.3
100-26-Li41402-CTCTCACA_R1_kneaddata_paired_1	15.7%	48%	4.6
100-26-Li41402-CTCTCACA_R1_kneaddata_paired_2			

	11.6%	48%	4.6
100-27-Li41403-TGACCACA_R1_kneaddata_paired_1	14.4%	50%	5.9
100-27-Li41403-TGACCACA_R1_kneaddata_paired_2	9.5%	50%	5.9
100-28-Li41404-ATCCGGTA_R1_kneaddata_paired_1	19.7%	46%	10.1
100-28-Li41404-ATCCGGTA_R1_kneaddata_paired_2	15.9%	46%	10.1
100-29-Li41405-GACATCAC_R1_kneaddata_paired_1	15.9%	49%	5.7
100-29-Li41405-GACATCAC_R1_kneaddata_paired_2	12.0%	49%	5.7
100-30-Li41406-TCGATGGT_R1_kneaddata_paired_1	26.0%	48%	8.8
100-30-Li41406-TCGATGGT_R1_kneaddata_paired_2	21.1%	48%	8.8
100-31-Li41407-CTGTCAGA_R1_kneaddata_paired_1	19.7%	50%	7.5
100-31-Li41407-CTGTCAGA_R1_kneaddata_paired_2	13.8%	49%	7.5
100-32-Li41408-TGGTACGT_R1_kneaddata_paired_1	22.5%	50%	7.4
100-32-Li41408-TGGTACGT_R1_kneaddata_paired_2	17.0%	50%	7.4
100-33-Li41409-GATGCATC_R1_kneaddata_paired_1	15.4%	51%	3.6
100-33-Li41409-GATGCATC_R1_kneaddata_paired_2	10.7%	51%	3.6
100-34-Li41410-CTTCCAAC_R1_kneaddata_paired_1	17.0%	49%	6.6
100-34-Li41410-CTTCCAAC_R1_kneaddata_paired_2	12.6%	49%	6.6
100-35-Li41411-ACACGTGT_R1_kneaddata_paired_1	17.6%	47%	6.0
100-35-Li41411-ACACGTGT_R1_kneaddata_paired_2	12.5%	47%	6.0
200-01-Li41412-TAGGCCAT_R1_kneaddata_paired_1	21.1%	52%	5.8
200-01-Li41412-TAGGCCAT_R1_kneaddata_paired_2	12.7%	52%	5.8
200-02-Li41413-CTGTACAG_R1_kneaddata_paired_1	24.2%	50%	4.2
200-02-Li41413-CTGTACAG_R1_kneaddata_paired_2	15.6%	50%	4.2
200-03-Li41414-TCGAGTTG_R1_kneaddata_paired_1	17.2%	49%	5.5
200-03-Li41414-TCGAGTTG_R1_kneaddata_paired_2	13.0%	49%	5.5
200-04-Li41415-AAGGTTCC_R1_kneaddata_paired_1	16.7%	46%	5.5
200-04-Li41415-AAGGTTCC_R1_kneaddata_paired_2			

	13.3%	46%	5.5
200-05-Li41416-GCCGTATA_R1_kneaddata_paired_1	14.3%	47%	3.4
200-05-Li41416-GCCGTATA_R1_kneaddata_paired_2	12.5%	47%	3.4
200-07-Li41417-ACCTGTTC_R1_kneaddata_paired_1	21.8%	51%	4.1
200-07-Li41417-ACCTGTTC_R1_kneaddata_paired_2	15.0%	51%	4.1
200-08-Li41418-ACAGTCAC_R1_kneaddata_paired_1	16.7%	50%	2.6
200-08-Li41418-ACAGTCAC_R1_kneaddata_paired_2	9.1%	50%	2.6
200-09-Li41419-GAGTTCTG_R1_kneaddata_paired_1	25.9%	46%	7.6
200-09-Li41419-GAGTTCTG_R1_kneaddata_paired_2	21.4%	46%	7.6
200-10-Li41420-GCTACGAT_R1_kneaddata_paired_1	23.2%	51%	8.4
200-10-Li41420-GCTACGAT_R1_kneaddata_paired_2	16.4%	51%	8.4
200-11-Li41421-CTAGAGCT_R1_kneaddata_paired_1	19.2%	49%	4.7
200-11-Li41421-CTAGAGCT_R1_kneaddata_paired_2	16.2%	49%	4.7
200-12-Li41422-ACTGACTG_R1_kneaddata_paired_1	16.2%	45%	5.4
200-12-Li41422-ACTGACTG_R1_kneaddata_paired_2	11.7%	45%	5.4
200-13-Li41423-GGAAGCAT_R1_kneaddata_paired_1	17.5%	45%	6.1
200-13-Li41423-GGAAGCAT_R1_kneaddata_paired_2	14.7%	45%	6.1
200-14-Li41424-CCATATGG_R1_kneaddata_paired_1	16.8%	49%	5.9
200-14-Li41424-CCATATGG_R1_kneaddata_paired_2	12.3%	49%	5.9
200-15-Li41425-CAGTTGAC_R1_kneaddata_paired_1	19.3%	48%	5.4
200-15-Li41425-CAGTTGAC_R1_kneaddata_paired_2	14.8%	48%	5.4
200-16-Li41426-ACACGTCA_R1_kneaddata_paired_1	21.8%	47%	4.9
200-16-Li41426-ACACGTCA_R1_kneaddata_paired_2	15.5%	47%	4.9
200-17-Li41427-ACCAACGT_R1_kneaddata_paired_1	24.4%	48%	8.6
200-17-Li41427-ACCAACGT_R1_kneaddata_paired_2	18.9%	48%	8.6
200-18-Li41428-GATCAGCT_R1_kneaddata_paired_1	22.8%	49%	7.6
200-18-Li41428-GATCAGCT_R1_kneaddata_paired_2	16.3%	49%	7.6

300-01-Li41429-CGTAGCAT_R1_kneaddata_paired_1	14.4%	45%	8.6
300-01-Li41429-CGTAGCAT_R1_kneaddata_paired_2	12.0%	45%	8.6
300-02-Li41430-GTGTTGAC_R1_kneaddata_paired_1	12.8%	48%	2.8
300-02-Li41430-GTGTTGAC_R1_kneaddata_paired_2	8.6%	48%	2.8
300-03-Li41431-AGTGTCTG_R1_kneaddata_paired_1	16.5%	49%	6.5
300-03-Li41431-AGTGTCTG_R1_kneaddata_paired_2	12.0%	49%	6.5
300-04-Li41432-TGGTCATG_R1_kneaddata_paired_1	19.3%	50%	6.8
300-04-Li41432-TGGTCATG_R1_kneaddata_paired_2	14.9%	50%	6.8
300-05-Li41433-ACTGTGAC_R1_kneaddata_paired_1	13.3%	48%	4.1
300-05-Li41433-ACTGTGAC_R1_kneaddata_paired_2	9.7%	48%	4.1
300-06-Li41434-CTTGTCCA_R1_kneaddata_paired_1	13.9%	47%	3.3
300-06-Li41434-CTTGTCCA_R1_kneaddata_paired_2	9.4%	47%	3.3
300-07-Li41435-CGATCGAT_R1_kneaddata_paired_1	25.1%	47%	11.6
300-07-Li41435-CGATCGAT_R1_kneaddata_paired_2	19.2%	46%	11.6
300-08-Li41436-AACGTTGC_R1_kneaddata_paired_1	20.5%	49%	7.8
300-08-Li41436-AACGTTGC_R1_kneaddata_paired_2	13.4%	48%	7.8
300-09-Li41437-TGCACAAC_R1_kneaddata_paired_1	16.0%	47%	7.4
300-09-Li41437-TGCACAAC_R1_kneaddata_paired_2	12.6%	47%	7.4
300-10-Li41438-CTCTACAC_R1_kneaddata_paired_1	13.4%	49%	6.3
300-10-Li41438-CTCTACAC_R1_kneaddata_paired_2	9.9%	48%	6.3
300-11-Li41439-GCTATTCC_R1_kneaddata_paired_1	13.6%	49%	5.5
300-11-Li41439-GCTATTCC_R1_kneaddata_paired_2	10.1%	49%	5.5
300-12-Li41440-CCTAATCC_R1_kneaddata_paired_1	13.4%	48%	2.9
300-12-Li41440-CCTAATCC_R1_kneaddata_paired_2	8.4%	48%	2.9
300-13-Li41441-CATGCTTC_R1_kneaddata_paired_1	19.0%	46%	5.2
300-13-Li41441-CATGCTTC_R1_kneaddata_paired_2	13.5%	46%	5.2
300-14-Li41442-TGACGTGT_R1_kneaddata_paired_1			

	12.4%	48%	4.7
300-14-Li41442-TGACGTGT_R1_kneaddata_paired_2	9.4%	48%	4.7
300-15-Li41443-ACCACATG_R1_kneaddata_paired_1	28.5%	47%	12.8
300-15-Li41443-ACCACATG_R1_kneaddata_paired_2	23.4%	47%	12.8
300-16-Li41444-GACTTCAG_R1_kneaddata_paired_1	22.2%	52%	6.5
300-16-Li41444-GACTTCAG_R1_kneaddata_paired_2	13.7%	51%	6.5
300-17-Li41445-ACCAAGGA_R1_kneaddata_paired_1	16.7%	50%	6.3
300-17-Li41445-ACCAAGGA_R1_kneaddata_paired_2	12.0%	49%	6.3
300-18-Li41446-GCCGTTAA_R1_kneaddata_paired_1	15.6%	48%	6.1
300-18-Li41446-GCCGTTAA_R1_kneaddata_paired_2	12.2%	48%	6.1
300-19-Li41447-TGACTGAC_R1_kneaddata_paired_1	9.1%	48%	2.9
300-19-Li41447-TGACTGAC_R1_kneaddata_paired_2	7.7%	48%	2.9
300-20-Li41448-TGGTGTAC_R1_kneaddata_paired_1	15.1%	48%	4.7
300-20-Li41448-TGGTGTAC_R1_kneaddata_paired_2	10.2%	48%	4.7
300-21-Li41449-GTACAGCT_R1_kneaddata_paired_1	26.3%	46%	7.2
300-21-Li41449-GTACAGCT_R1_kneaddata_paired_2	17.8%	46%	7.2
300-22-Li41450-GGTTCCAA_R1_kneaddata_paired_1	18.5%	48%	8.2
300-22-Li41450-GGTTCCAA_R1_kneaddata_paired_2	14.3%	48%	8.2
300-23-Li41451-GAGACACA_R1_kneaddata_paired_1	28.6%	48%	9.4
300-23-Li41451-GAGACACA_R1_kneaddata_paired_2	22.1%	48%	9.4
300-24-Li41452-GAGTTCAC_R1_kneaddata_paired_1	19.3%	47%	8.2
300-24-Li41452-GAGTTCAC_R1_kneaddata_paired_2	15.1%	47%	8.2
300-25-Li41453-GCGCTATA_R1_kneaddata_paired_1	21.4%	48%	7.2
300-25-Li41453-GCGCTATA_R1_kneaddata_paired_2	16.7%	48%	7.2
300-26-Li41454-GTGAACAG_R1_kneaddata_paired_1	23.6%	49%	11.4
300-26-Li41454-GTGAACAG_R1_kneaddata_paired_2	18.3%	49%	11.4
300-27-Li41455-			

TGCACTAG_R1_kneaddata_paired_1	11.6%	47%	4.3
300-27-Li41455-TGCACTAG_R1_kneaddata_paired_2	10.2%	47%	4.3
300-28-Li41456-AACCGGTT_R1_kneaddata_paired_1	15.4%	46%	6.1
300-28-Li41456-AACCGGTT_R1_kneaddata_paired_2	11.4%	46%	6.1
300-29-Li41457-ATCCTAGG_R1_kneaddata_paired_1	19.7%	48%	8.3
300-29-Li41457-ATCCTAGG_R1_kneaddata_paired_2	15.7%	48%	8.3
300-30-Li41458-CAACCTAG_R1_kneaddata_paired_1	18.2%	48%	5.5
300-30-Li41458-CAACCTAG_R1_kneaddata_paired_2	13.2%	48%	5.5
300-31-Li41459-AGTGGTCT_R1_kneaddata_paired_1	15.9%	46%	7.6
300-31-Li41459-AGTGGTCT_R1_kneaddata_paired_2	11.8%	46%	7.6
300-32-Li41460-GGATTAGG_R1_kneaddata_paired_1	21.1%	48%	9.2
300-32-Li41460-GGATTAGG_R1_kneaddata_paired_2	16.9%	48%	9.2
300-33-Li41461-GAACCATC_R1_kneaddata_paired_1	19.4%	49%	9.0
300-33-Li41461-GAACCATC_R1_kneaddata_paired_2	13.5%	49%	9.0
300-34-Li41462-ATGCATGC_R1_kneaddata_paired_1	18.2%	50%	8.7
300-34-Li41462-ATGCATGC_R1_kneaddata_paired_2	13.0%	50%	8.7
300-35-Li41463-GATCCTAG_R1_kneaddata_paired_1	14.0%	51%	3.2
300-35-Li41463-GATCCTAG_R1_kneaddata_paired_2	8.5%	51%	3.2
300-36-Li41464-CAACGTAC_R1_kneaddata_paired_1	15.0%	48%	6.0
300-36-Li41464-CAACGTAC_R1_kneaddata_paired_2	11.0%	48%	6.0
300-37-Li41465-GAAGCTTC_R1_kneaddata_paired_1	21.2%	51%	4.2
300-37-Li41465-GAAGCTTC_R1_kneaddata_paired_2	13.3%	51%	4.2
300-38-Li41466-TAGCTACG_R1_kneaddata_paired_1	19.4%	51%	5.1
300-38-Li41466-TAGCTACG_R1_kneaddata_paired_2	12.3%	50%	5.1
300-39-Li41467-GAACTGCT_R1_kneaddata_paired_1	28.4%	45%	10.8
300-39-Li41467-GAACTGCT_R1_kneaddata_paired_2	21.4%	46%	10.8
300-40-Li41468-TGGTCTAG_R1_kneaddata_paired_1			

	18.8%	49%	7.7
300-40-Li41468-TGGTCTAG_R1_kneaddata_paired_2	13.5%	49%	7.7
300-41-Li41469-CTACCATC_R1_kneaddata_paired_1	26.5%	48%	8.7
300-41-Li41469-CTACCATC_R1_kneaddata_paired_2	19.5%	47%	8.7
400-01-Li41470-TCCAAGGT_R1_kneaddata_paired_1	24.4%	50%	9.6
400-01-Li41470-TCCAAGGT_R1_kneaddata_paired_2	17.9%	50%	9.6
400-02-Li41471-CTCATGAG_R1_kneaddata_paired_1	14.8%	48%	4.6
400-02-Li41471-CTCATGAG_R1_kneaddata_paired_2	10.7%	48%	4.6
400-03-Li41472-GAGACAGT_R1_kneaddata_paired_1	15.1%	47%	4.5
400-03-Li41472-GAGACAGT_R1_kneaddata_paired_2	12.1%	47%	4.5
400-04-Li41473-GTGTCACA_R1_kneaddata_paired_1	19.6%	47%	5.4
400-04-Li41473-GTGTCACA_R1_kneaddata_paired_2	13.7%	47%	5.4
400-05-Li41474-GACATCTG_R1_kneaddata_paired_1	18.1%	50%	8.0
400-05-Li41474-GACATCTG_R1_kneaddata_paired_2	12.9%	50%	8.0
400-06-Li41475-CACATGTG_R1_kneaddata_paired_1	20.0%	47%	3.9
400-06-Li41475-CACATGTG_R1_kneaddata_paired_2	12.5%	47%	3.9
400-07-Li41476-CGTACGTA_R1_kneaddata_paired_1	22.6%	47%	12.6
400-07-Li41476-CGTACGTA_R1_kneaddata_paired_2	17.2%	47%	12.6
400-08-Li41477-AGGAACGT_R1_kneaddata_paired_1	20.9%	48%	11.0
400-08-Li41477-AGGAACGT_R1_kneaddata_paired_2	16.8%	47%	11.0
400-09-Li41478-CTAGCTAG_R1_kneaddata_paired_1	24.1%	48%	11.6
400-09-Li41478-CTAGCTAG_R1_kneaddata_paired_2	19.8%	48%	11.6
400-10-Li41479-CTCTCAGT_R1_kneaddata_paired_1	18.6%	46%	11.9
400-10-Li41479-CTCTCAGT_R1_kneaddata_paired_2	15.7%	46%	11.9
400-11-Li41480-GTACTGCA_R1_kneaddata_paired_1	26.5%	50%	15.9
400-11-Li41480-GTACTGCA_R1_kneaddata_paired_2	19.0%	50%	15.9
400-12-Li41481-			

CTTCCATG_R1_kneaddata_paired_1	25.2%	48%	11.5
400-12-Li41481-CTTCCATG_R1_kneaddata_paired_2	18.6%	48%	11.5
400-13-Li41482-TACGAACC_R1_kneaddata_paired_1	22.5%	49%	11.0
400-13-Li41482-TACGAACC_R1_kneaddata_paired_2	16.3%	49%	11.0
400-14-Li41483-TACCATGG_R1_kneaddata_paired_1	26.2%	50%	13.5
400-14-Li41483-TACCATGG_R1_kneaddata_paired_2	17.9%	50%	13.5
400-15-Li41484-AGCTAGCT_R1_kneaddata_paired_1	25.6%	50%	14.0
400-15-Li41484-AGCTAGCT_R1_kneaddata_paired_2	17.6%	50%	14.0
400-16-Li41485-AGGTAGGT_R1_kneaddata_paired_1	30.2%	49%	11.1
400-16-Li41485-AGGTAGGT_R1_kneaddata_paired_2	25.5%	49%	11.1
400-18-Li41486-CAGTCAGT_R1_kneaddata_paired_1	25.5%	48%	13.8
400-18-Li41486-CAGTCAGT_R1_kneaddata_paired_2	19.0%	48%	13.8
400-19-Li41487-CAAGCTTG_R1_kneaddata_paired_1	26.1%	51%	14.6
400-19-Li41487-CAAGCTTG_R1_kneaddata_paired_2	18.5%	51%	14.6
400-20-Li41488-AACCTTGG_R1_kneaddata_paired_1	22.4%	48%	10.1
400-20-Li41488-AACCTTGG_R1_kneaddata_paired_2	16.7%	48%	10.1
400-21-Li41489-ATCGTAGC_R1_kneaddata_paired_1	24.4%	49%	12.5
400-21-Li41489-ATCGTAGC_R1_kneaddata_paired_2	18.1%	49%	12.5
400-22-Li41490-CACTAGAC_R1_kneaddata_paired_1	28.3%	48%	13.0
400-22-Li41490-CACTAGAC_R1_kneaddata_paired_2	20.9%	48%	13.0
400-23-Li41491-GCTTCCTA_R1_kneaddata_paired_1	24.3%	48%	17.5
400-23-Li41491-GCTTCCTA_R1_kneaddata_paired_2	18.0%	47%	17.5
400-24-Li41492-GCTTAACG_R1_kneaddata_paired_1	19.0%	49%	11.8
400-24-Li41492-GCTTAACG_R1_kneaddata_paired_2	14.9%	49%	11.8
500-01-Li41493-GTACCAAC_R1_kneaddata_paired_1	18.5%	48%	2.8
500-01-Li41493-GTACCAAC_R1_kneaddata_paired_2	14.2%	48%	2.8
500-02-Li41494-			

GAAGTCCT_R1_kneaddata_paired_1	28.6%	49%	2.2
500-02-Li41494-GAAGTCCT_R1_kneaddata_paired_2	18.1%	48%	2.2
500-03-Li41495-CCAATACG_R1_kneaddata_paired_1	33.4%	46%	4.9
500-03-Li41495-CCAATACG_R1_kneaddata_paired_2	32.0%	46%	4.9
500-04-Li41496-AGCTCTAG_R1_kneaddata_paired_1	23.0%	50%	1.3
500-04-Li41496-AGCTCTAG_R1_kneaddata_paired_2	12.8%	50%	1.3
500-06-Li41497-CGTAGCTA_R1_kneaddata_paired_1	36.8%	44%	4.1
500-06-Li41497-CGTAGCTA_R1_kneaddata_paired_2	33.6%	44%	4.1
500-07-Li41498-CTCTCACA_R1_kneaddata_paired_1	26.1%	46%	6.0
500-07-Li41498-CTCTCACA_R1_kneaddata_paired_2	21.4%	46%	6.0
500-08-Li41499-TGACCACA_R1_kneaddata_paired_1	26.4%	47%	6.7
500-08-Li41499-TGACCACA_R1_kneaddata_paired_2	20.8%	47%	6.7
500-09-Li41500-ATCCGGTA_R1_kneaddata_paired_1	17.4%	46%	4.3
500-09-Li41500-ATCCGGTA_R1_kneaddata_paired_2	14.7%	46%	4.3
500-10-Li41501-GACATCAC_R1_kneaddata_paired_1	36.7%	46%	4.1
500-10-Li41501-GACATCAC_R1_kneaddata_paired_2	31.8%	46%	4.1
500-11-Li41502-TCGATGGT_R1_kneaddata_paired_1	21.1%	46%	2.3
500-11-Li41502-TCGATGGT_R1_kneaddata_paired_2	15.7%	46%	2.3
500-12-Li41503-CTGTCAGA_R1_kneaddata_paired_1	30.8%	48%	5.6
500-12-Li41503-CTGTCAGA_R1_kneaddata_paired_2	25.4%	47%	5.6
500-13-Li41504-TGGTACGT_R1_kneaddata_paired_1	21.4%	44%	2.3
500-13-Li41504-TGGTACGT_R1_kneaddata_paired_2	16.8%	44%	2.3
500-14-Li41505-GATGCATC_R1_kneaddata_paired_1	20.1%	48%	2.1
500-14-Li41505-GATGCATC_R1_kneaddata_paired_2	13.9%	48%	2.1
500-15-Li41506-CTTCCAAC_R1_kneaddata_paired_1	30.0%	49%	7.4
500-15-Li41506-CTTCCAAC_R1_kneaddata_paired_2	23.9%	48%	7.4
500-16-Li41507-ACACGTGT_R1_kneaddata_paired_1			

	19.7%	46%	4.4
500-16-Li41507-ACACGTGT_R1_kneaddata_paired_2	15.6%	46%	4.4
500-17-Li41508-TAGGCCAT_R1_kneaddata_paired_1	26.6%	50%	3.6
500-17-Li41508-TAGGCCAT_R1_kneaddata_paired_2	18.4%	49%	3.6
500-18-Li41509-CTGTACAG_R1_kneaddata_paired_1	17.7%	50%	1.5
500-18-Li41509-CTGTACAG_R1_kneaddata_paired_2	11.8%	50%	1.5
500-19-Li41510-TCGAGTTG_R1_kneaddata_paired_1	23.6%	45%	1.5
500-19-Li41510-TCGAGTTG_R1_kneaddata_paired_2	20.8%	45%	1.5
500-20-Li41511-AAGGTTCC_R1_kneaddata_paired_1	19.3%	47%	1.4
500-20-Li41511-AAGGTTCC_R1_kneaddata_paired_2	15.8%	47%	1.4
500-21-Li41512-GCCGTATA_R1_kneaddata_paired_1	12.3%	47%	2.8
500-21-Li41512-GCCGTATA_R1_kneaddata_paired_2	11.3%	47%	2.8
500-22-Li41513-ACCTGTTC_R1_kneaddata_paired_1	24.1%	48%	5.3
500-22-Li41513-ACCTGTTC_R1_kneaddata_paired_2	16.5%	48%	5.3
500-23-Li41514-ACAGTCAC_R1_kneaddata_paired_1	32.9%	48%	3.4
500-23-Li41514-ACAGTCAC_R1_kneaddata_paired_2	18.4%	48%	3.4
500-24-Li41515-GAGTTCTG_R1_kneaddata_paired_1	34.5%	47%	7.8
500-24-Li41515-GAGTTCTG_R1_kneaddata_paired_2	29.5%	47%	7.8
500-25-Li41516-GCTACGAT_R1_kneaddata_paired_1	29.8%	50%	8.5
500-25-Li41516-GCTACGAT_R1_kneaddata_paired_2	22.4%	50%	8.5
500-26-Li41517-CTAGAGCT_R1_kneaddata_paired_1	14.5%	48%	3.3
500-26-Li41517-CTAGAGCT_R1_kneaddata_paired_2	12.9%	48%	3.3
500-27-Li41518-ACTGACTG_R1_kneaddata_paired_1	25.2%	47%	4.1
500-27-Li41518-ACTGACTG_R1_kneaddata_paired_2	22.5%	47%	4.1
500-28-Li41519-GGAAGCAT_R1_kneaddata_paired_1	14.8%	46%	6.7
500-28-Li41519-GGAAGCAT_R1_kneaddata_paired_2	12.3%	46%	6.7
500-29-Li41520-CCATATGG_R1_kneaddata_paired_1			

	21.5%	51%	7.5
500-29-Li41520-CCATATGG_R1_kneaddata_paired_2	16.6%	51%	7.5
500-30-Li41522-ACACGTCA_R1_kneaddata_paired_1	17.1%	47%	6.4
500-30-Li41522-ACACGTCA_R1_kneaddata_paired_2	12.3%	47%	6.4
500-31-Li41523-ACCAACGT_R1_kneaddata_paired_1	37.9%	48%	8.0
500-31-Li41523-ACCAACGT_R1_kneaddata_paired_2	32.8%	47%	8.0
500-32-Li41524-GATCAGCT_R1_kneaddata_paired_1	24.4%	49%	10.4
500-32-Li41524-GATCAGCT_R1_kneaddata_paired_2	17.6%	49%	10.4
500-33-Li41525-CGTAGCAT_R1_kneaddata_paired_1	48.5%	45%	10.1
500-33-Li41525-CGTAGCAT_R1_kneaddata_paired_2	47.3%	45%	10.1
500-34-Li41526-GTGTTGAC_R1_kneaddata_paired_1	14.7%	50%	1.0
500-34-Li41526-GTGTTGAC_R1_kneaddata_paired_2	8.7%	49%	1.0
500-35-Li41527-AGTGTCTG_R1_kneaddata_paired_1	22.8%	47%	5.8
500-35-Li41527-AGTGTCTG_R1_kneaddata_paired_2	16.0%	47%	5.8
500-36-Li41528-TGGTCATG_R1_kneaddata_paired_1	29.8%	53%	6.4
500-36-Li41528-TGGTCATG_R1_kneaddata_paired_2	23.5%	53%	6.4
500-37-Li41529-ACTGTGAC_R1_kneaddata_paired_1	16.1%	49%	5.5
500-37-Li41529-ACTGTGAC_R1_kneaddata_paired_2	12.9%	48%	5.5
500-38-Li41530-CTTGTCCA_R1_kneaddata_paired_1	27.9%	46%	4.6
500-38-Li41530-CTTGTCCA_R1_kneaddata_paired_2	19.5%	46%	4.6
500-39-Li41531-CGATCGAT_R1_kneaddata_paired_1	29.6%	50%	12.1
500-39-Li41531-CGATCGAT_R1_kneaddata_paired_2	22.2%	50%	12.1
500-40-Li41532-AACGTTGC_R1_kneaddata_paired_1	36.4%	48%	7.9
500-40-Li41532-AACGTTGC_R1_kneaddata_paired_2	30.3%	48%	7.9
500-41-Li41533-TGCACAAC_R1_kneaddata_paired_1	27.4%	46%	6.6
500-41-Li41533-TGCACAAC_R1_kneaddata_paired_2	24.1%	46%	6.6
500-42-Li41534-CTCTACAC_R1_kneaddata_paired_1			

	8.2%	44%	1.9
500-42-Li41534-CTCTACAC_R1_kneaddata_paired_2	7.1%	44%	1.9
500-43-Li41535-GCTATTCC_R1_kneaddata_paired_1	24.9%	50%	5.4
500-43-Li41535-GCTATTCC_R1_kneaddata_paired_2	19.9%	50%	5.4
500-44-Li41536-CCTAATCC_R1_kneaddata_paired_1	26.8%	47%	3.4
500-44-Li41536-CCTAATCC_R1_kneaddata_paired_2	20.4%	47%	3.4
500-45-Li41537-CATGCTTC_R1_kneaddata_paired_1	31.6%	46%	7.2
500-45-Li41537-CATGCTTC_R1_kneaddata_paired_2	26.5%	46%	7.2
500-46-Li41538-TGACGTGT_R1_kneaddata_paired_1	34.9%	47%	9.8
500-46-Li41538-TGACGTGT_R1_kneaddata_paired_2	27.8%	47%	9.8
500-47-Li41539-ACCACATG_R1_kneaddata_paired_1	21.6%	48%	12.4
500-47-Li41539-ACCACATG_R1_kneaddata_paired_2	16.4%	48%	12.4
500-48-Li41540-GACTTCAG_R1_kneaddata_paired_1	26.6%	51%	8.5
500-48-Li41540-GACTTCAG_R1_kneaddata_paired_2	18.5%	50%	8.5
500-49-Li41541-ACCAAGGA_R1_kneaddata_paired_1	27.9%	46%	8.5
500-49-Li41541-ACCAAGGA_R1_kneaddata_paired_2	22.1%	46%	8.5
500-50-Li41542-GCCGTTAA_R1_kneaddata_paired_1	29.9%	50%	8.9
500-50-Li41542-GCCGTTAA_R1_kneaddata_paired_2	25.0%	50%	8.9
500-51-Li41543-TGACTGAC_R1_kneaddata_paired_1	12.3%	47%	3.7
500-51-Li41543-TGACTGAC_R1_kneaddata_paired_2	10.0%	47%	3.7
500-52-Li41544-TGGTGTAC_R1_kneaddata_paired_1	25.0%	49%	3.0
500-52-Li41544-TGGTGTAC_R1_kneaddata_paired_2	15.1%	49%	3.0
500-53-Li41545-GTACAGCT_R1_kneaddata_paired_1	36.2%	51%	5.1
500-53-Li41545-GTACAGCT_R1_kneaddata_paired_2	24.7%	51%	5.1
500-54-Li41546-GGTTCCAA_R1_kneaddata_paired_1	41.8%	46%	11.4
500-54-Li41546-GGTTCCAA_R1_kneaddata_paired_2	36.8%	46%	11.4
500-55-Li41547-			

GAGACACA_R1_kneaddata_paired_1	29.2%	47%	12.6
500-55-Li41547-GAGACACA_R1_kneaddata_paired_2	23.1%	46%	12.6
500-56-Li41548-GAGTTCAC_R1_kneaddata_paired_1	20.5%	47%	8.9
500-56-Li41548-GAGTTCAC_R1_kneaddata_paired_2	16.4%	47%	8.9
500-57-Li41549-GCGCTATA_R1_kneaddata_paired_1	15.2%	47%	5.9
500-57-Li41549-GCGCTATA_R1_kneaddata_paired_2	13.0%	47%	5.9
500-58-Li41550-GTGAACAG_R1_kneaddata_paired_1	18.7%	48%	3.8
500-58-Li41550-GTGAACAG_R1_kneaddata_paired_2	15.2%	48%	3.8
500-59-Li41551-TGCACTAG_R1_kneaddata_paired_1	20.1%	47%	5.2
500-59-Li41551-TGCACTAG_R1_kneaddata_paired_2	18.7%	47%	5.2
500-60-Li41552-AACCGGTT_R1_kneaddata_paired_1	25.0%	47%	8.1
500-60-Li41552-AACCGGTT_R1_kneaddata_paired_2	19.2%	47%	8.1
500-61-Li41553-ATCCTAGG_R1_kneaddata_paired_1	32.4%	44%	7.7
500-61-Li41553-ATCCTAGG_R1_kneaddata_paired_2	28.2%	45%	7.7
500-62-Li41521-CAGTTGAC_R1_kneaddata_paired_1	36.4%	48%	5.6
500-62-Li41521-CAGTTGAC_R1_kneaddata_paired_2	32.2%	48%	5.6
BC-01-Li41556-GGATTAGG_R1_kneaddata_paired_1	28.9%	51%	14.6
BC-01-Li41556-GGATTAGG_R1_kneaddata_paired_2	22.9%	51%	14.6
BC-02-Li41557-GAACCATC_R1_kneaddata_paired_1	29.0%	50%	12.1
BC-02-Li41557-GAACCATC_R1_kneaddata_paired_2	21.8%	50%	12.1
BC-04-Li41559-GATCCTAG_R1_kneaddata_paired_1	26.8%	53%	7.3
BC-04-Li41559-GATCCTAG_R1_kneaddata_paired_2	16.5%	53%	7.3
BLANK-1-Li41554-CAACCTAG_R1_kneaddata_paired_1	2.8%	47%	0.0
BLANK-1-Li41554-CAACCTAG_R1_kneaddata_paired_2	2.7%	47%	0.0
BLANK-2-Li41555-AGTGGTCT_R1_kneaddata_paired_1	3.1%	46%	0.0
BLANK-2-Li41555-AGTGGTCT_R1_kneaddata_paired_2	2.9%	46%	0.0
PBS-Li41558-ATGCATGC_R1_kneaddata_paired_1			

	38.7%	51%	12.8
PBS-Li41558-ATGCATGC_R1_kneaddata_paired_2	29.6%	51%	12.8

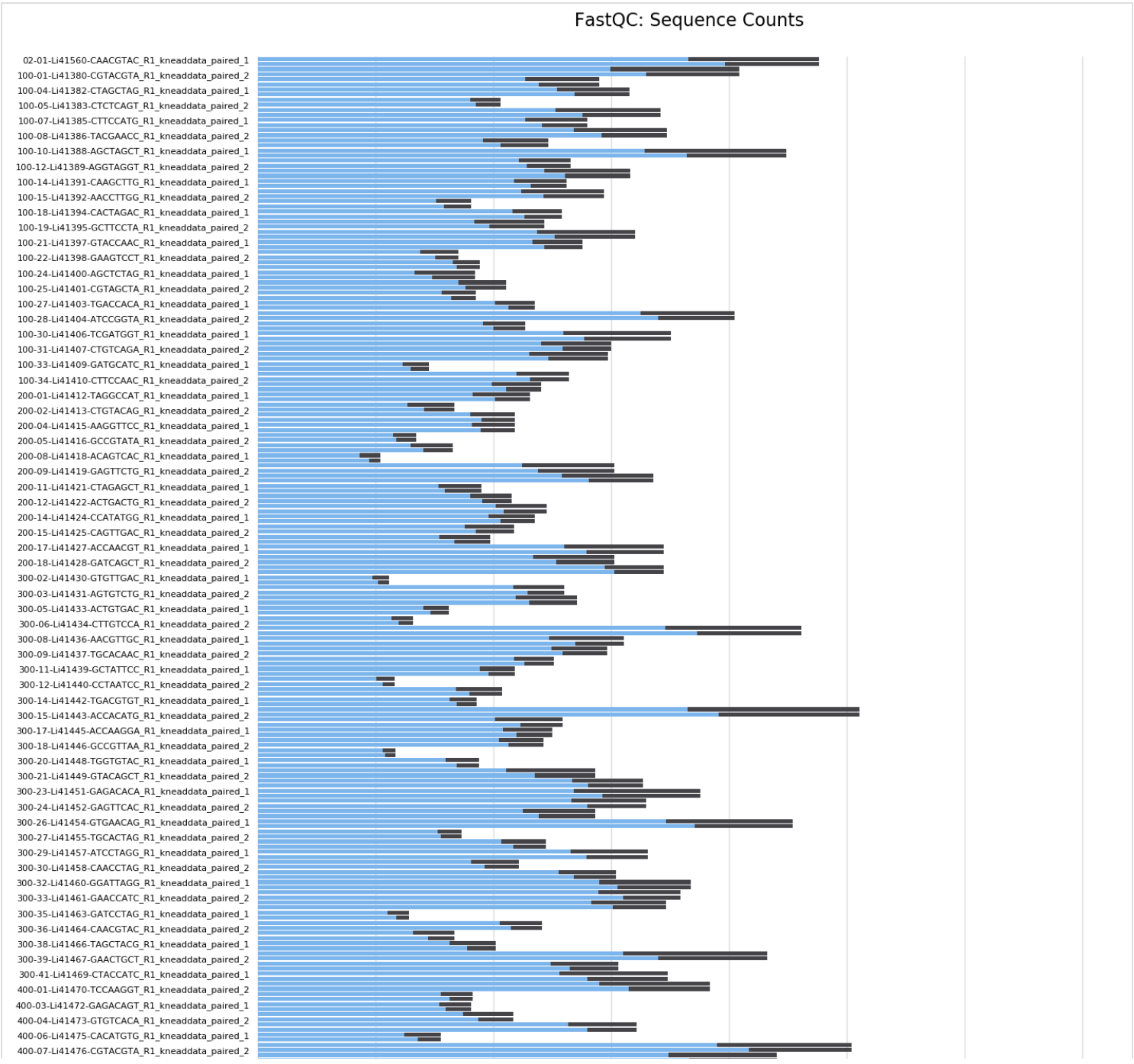
FastQC

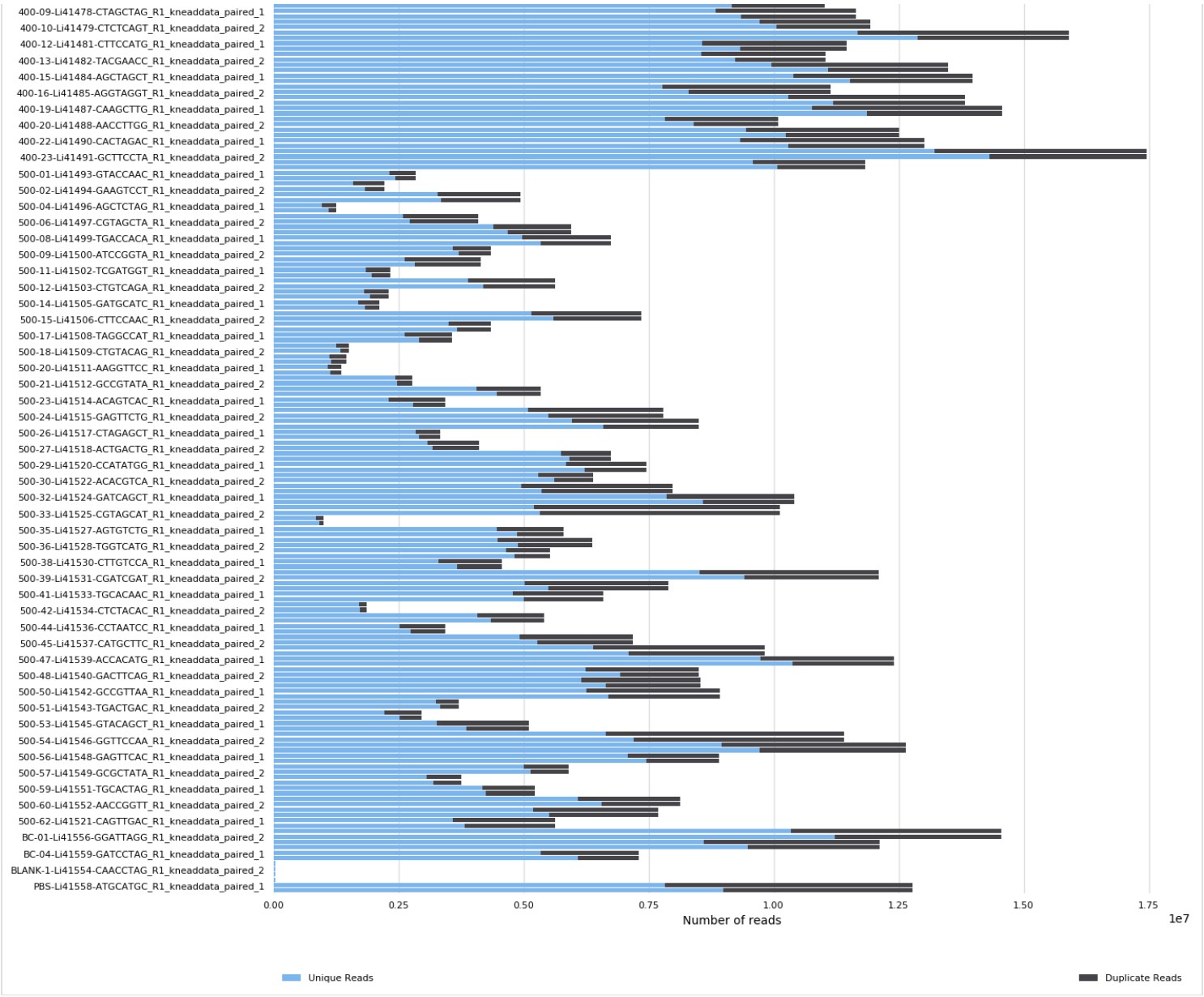
FastQC is a quality control tool for high throughput sequence data, written by Simon Andrews at the Babraham Institute in Cambridge.

Sequence Counts

Sequence counts for each sample. Duplicate read counts are an estimate only.

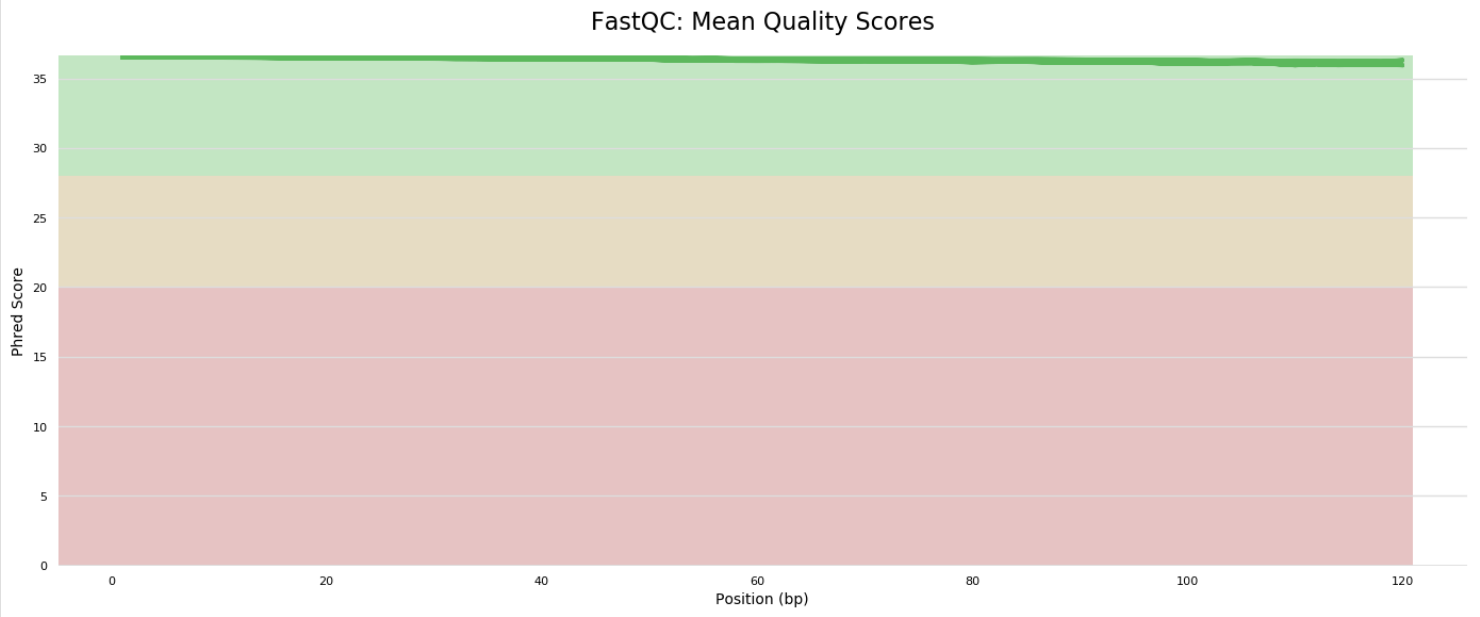
Number of reads | Percentages




400-09-Li41478-CTAGCTAG_R1_kneaddata_paired_1
400-10-Li41479-CTCTCAGT_R1_kneaddata_paired_2
400-12-Li41481-CTTCCATG_R1_kneaddata_paired_1
400-13-Li41482-TACGAACC_R1_kneaddata_paired_2
400-15-Li41484-AGCTAGCT_R1_kneaddata_paired_1
400-16-Li41485-AGGTAGGT_R1_kneaddata_paired_2
400-19-Li41487-CAAGCTTG_R1_kneaddata_paired_1
400-20-Li41488-AACCTTGG_R1_kneaddata_paired_2
400-22-Li41490-CACTAGAC_R1_kneaddata_paired_1
400-23-Li41491-GCTTCCTA_R1_kneaddata_paired_2
500-01-Li41493-GTACCAAC_R1_kneaddata_paired_1
500-02-Li41494-GAAGTCCT_R1_kneaddata_paired_2
500-04-Li41496-AGCTCTAG_R1_kneaddata_paired_1
500-06-Li41497-CGTAGCTA_R1_kneaddata_paired_2
500-08-Li41499-TGACCACA_R1_kneaddata_paired_1
500-09-Li41500-ATCCGGTA_R1_kneaddata_paired_2
500-11-Li41502-TCGATGGT_R1_kneaddata_paired_1
500-12-Li41503-CTGTCAGA_R1_kneaddata_paired_2
500-14-Li41505-GATGCATC_R1_kneaddata_paired_1
500-15-Li41506-CTTCCAAC_R1_kneaddata_paired_2
500-17-Li41508-TAGGCCAT_R1_kneaddata_paired_1
500-18-Li41509-CTGTACAG_R1_kneaddata_paired_2
500-20-Li41511-AAGGTTCC_R1_kneaddata_paired_1
500-21-Li41512-GCCGTATA_R1_kneaddata_paired_2
500-23-Li41514-ACAGTCAC_R1_kneaddata_paired_1
500-24-Li41515-GAGTTCTG_R1_kneaddata_paired_2
500-26-Li41517-CTAGAGCT_R1_kneaddata_paired_1
500-27-Li41518-ACTGACTG_R1_kneaddata_paired_2
500-29-Li41520-CCATATGG_R1_kneaddata_paired_1
500-30-Li41522-ACACGTCA_R1_kneaddata_paired_2
500-32-Li41524-GATCAGCT_R1_kneaddata_paired_1
500-33-Li41525-CGTAGCAT_R1_kneaddata_paired_2
500-35-Li41527-AGTGTCTG_R1_kneaddata_paired_1
500-36-Li41528-TGGTCATG_R1_kneaddata_paired_2
500-38-Li41530-CTTGTCCA_R1_kneaddata_paired_1
500-39-Li41531-CGATCGAT_R1_kneaddata_paired_2
500-41-Li41533-TGCACAAC_R1_kneaddata_paired_1
500-42-Li41534-CTCTACAC_R1_kneaddata_paired_2
500-44-Li41536-CCTAATCC_R1_kneaddata_paired_1
500-45-Li41537-CATGCTTC_R1_kneaddata_paired_2
500-47-Li41539-ACCACATG_R1_kneaddata_paired_1
500-48-Li41540-GACTTCAG_R1_kneaddata_paired_2
500-50-Li41542-GCCGTTAA_R1_kneaddata_paired_1
500-51-Li41543-TGACTGAC_R1_kneaddata_paired_2
500-53-Li41545-GTACAGCT_R1_kneaddata_paired_1
500-54-Li41546-GGTTCCAA_R1_kneaddata_paired_2
500-56-Li41548-GAGTTCAC_R1_kneaddata_paired_1
500-57-Li41549-GCGCTATA_R1_kneaddata_paired_2
500-59-Li41551-TGCACTAG_R1_kneaddata_paired_1
500-60-Li41552-AACCGGTT_R1_kneaddata_paired_2
500-62-Li41521-CAGTTGAC_R1_kneaddata_paired_1
BC-01-Li41556-GGATTAGG_R1_kneaddata_paired_2
BC-04-Li41559-GATCCTAG_R1_kneaddata_paired_1
BLANK-1-Li41554-CAACCTAG_R1_kneaddata_paired_2
PBS-Li41558-ATGCATGC_R1_kneaddata_paired_1
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75
1e7
Number of reads
Unique Reads
Duplicate Reads

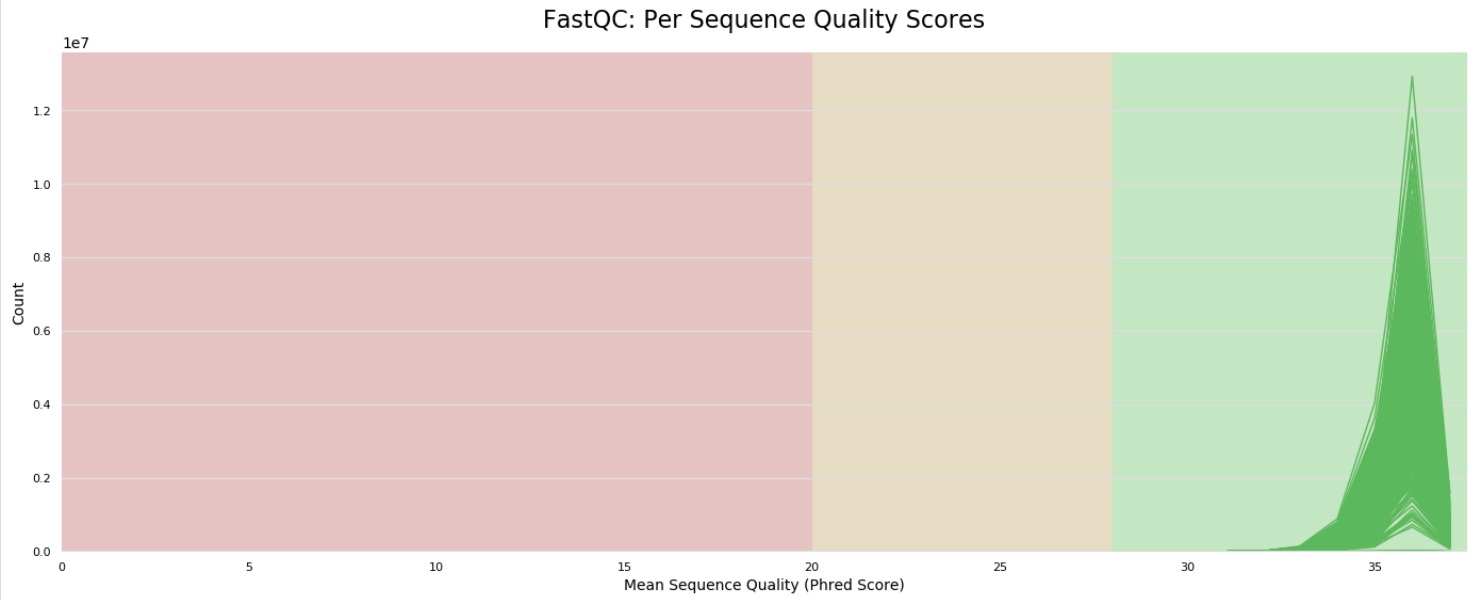
Sequence Quality Histograms 362

The mean quality value across each base position in the read.



Per Sequence Quality Scores 362

The number of reads with average quality scores. Shows if a subset of reads has poor quality.



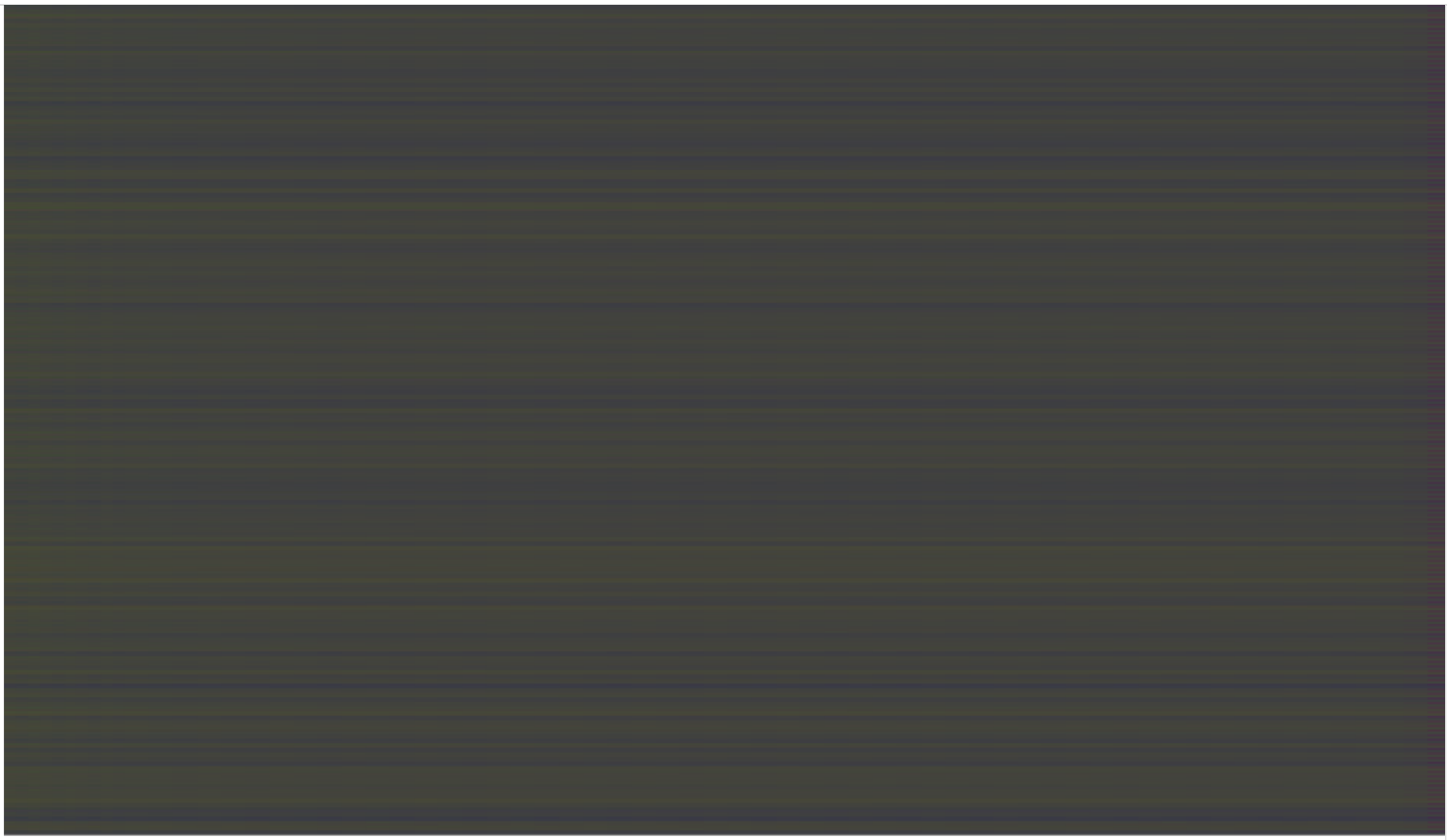
Per Base Sequence Content 362

The proportion of each base position for which each of the four normal DNA bases has been called.

Click a sample row to see a line plot for that dataset.

Rollover for sample name

Position: - %T: - %C: - %A: - %G: - Export Plot

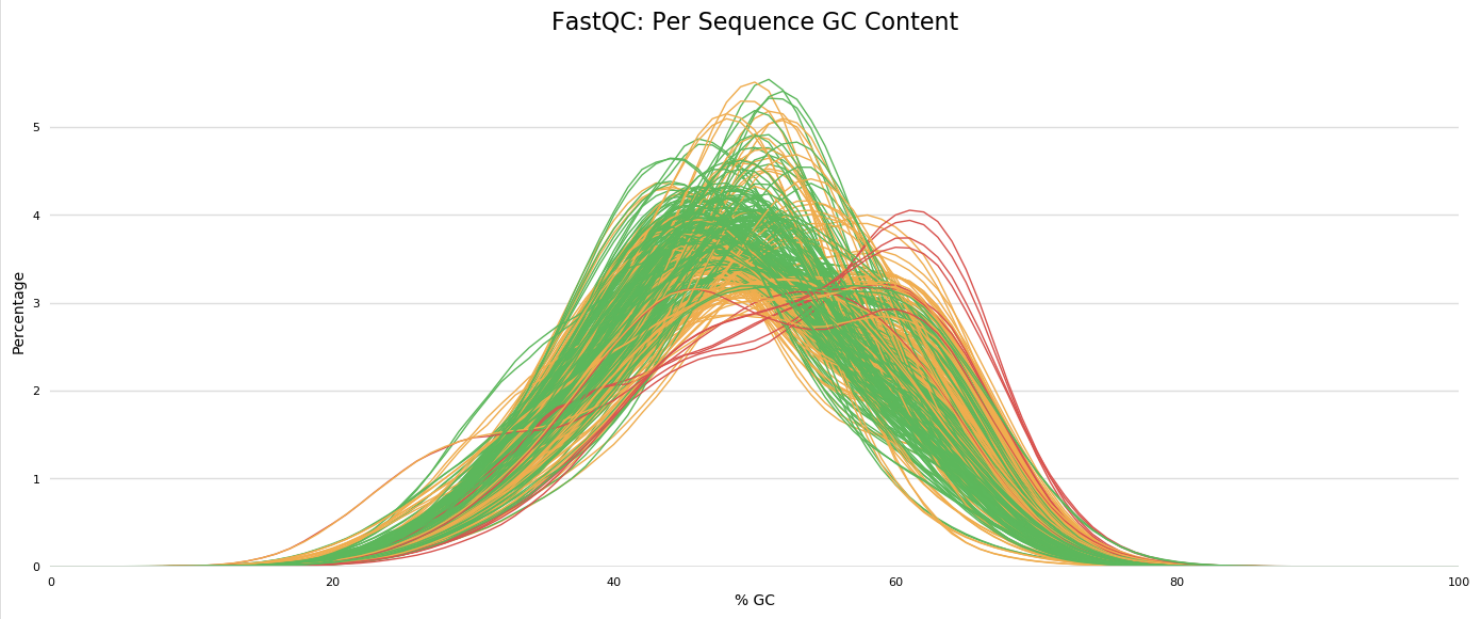


Per Sequence GC Content

212 142

The average GC content of reads. Normal random library typically have a roughly normal distribution of GC content.

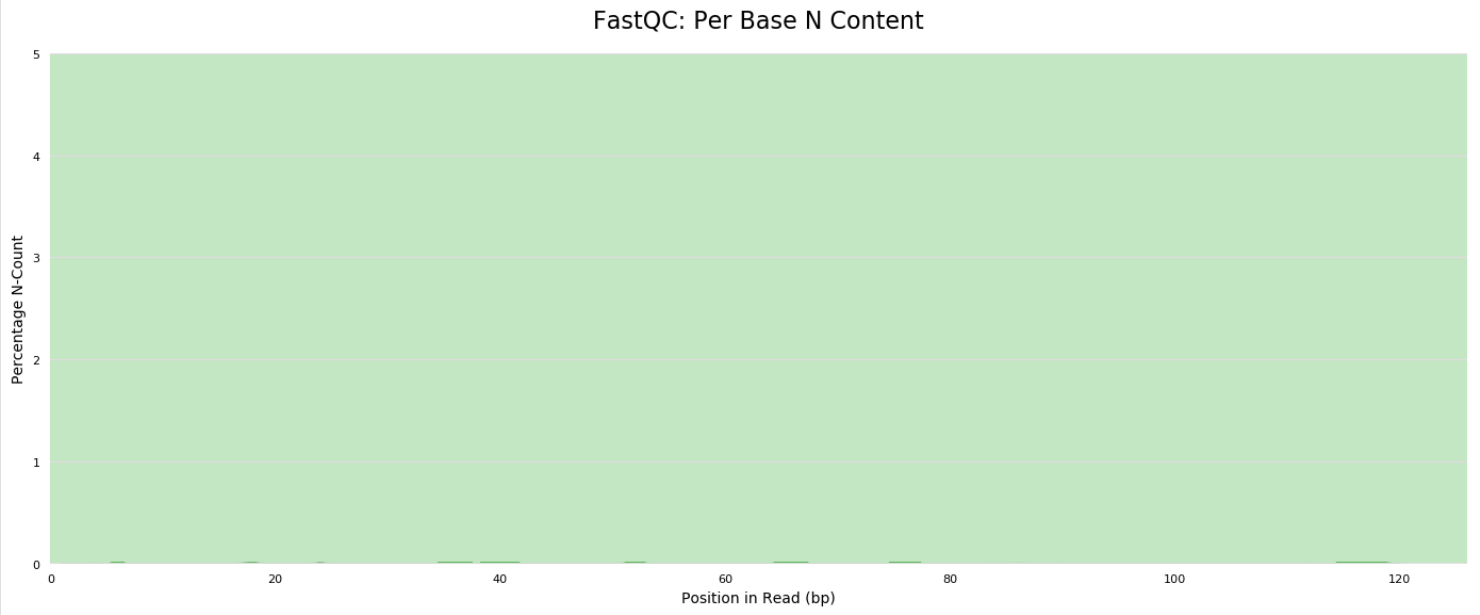
Percentages | Counts



Per Base N Content

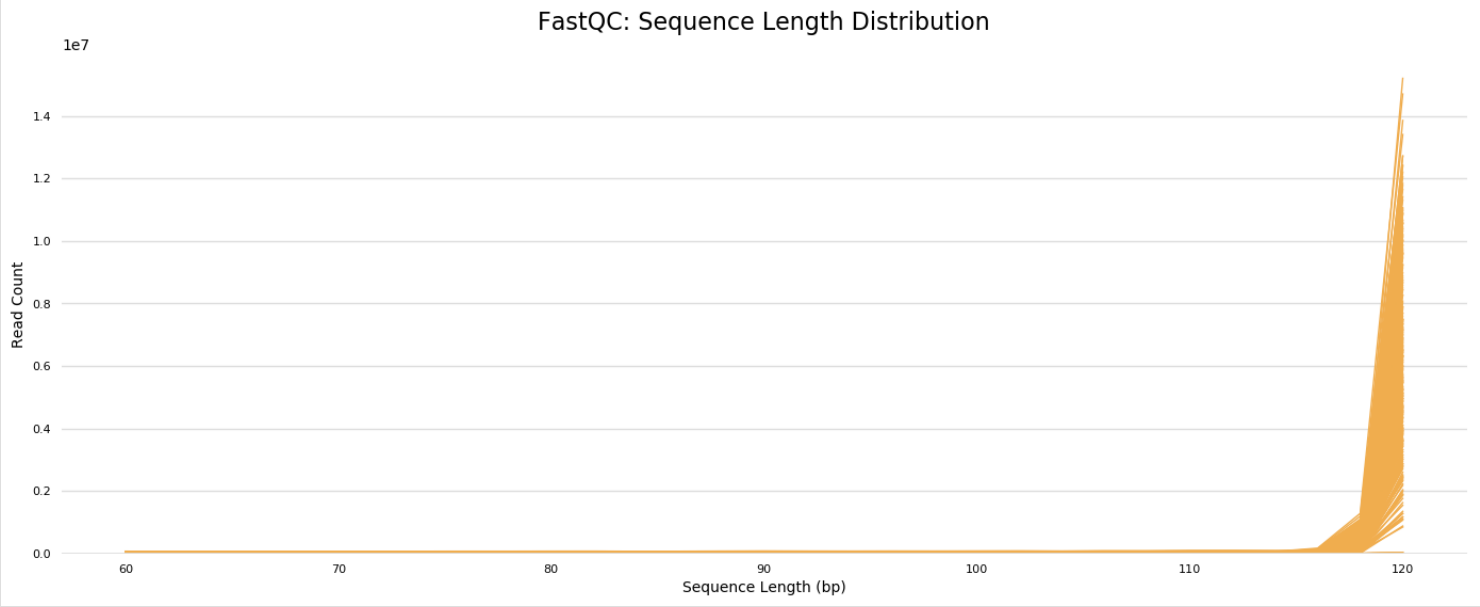
362

The percentage of base calls at each position for which an `N` was called.



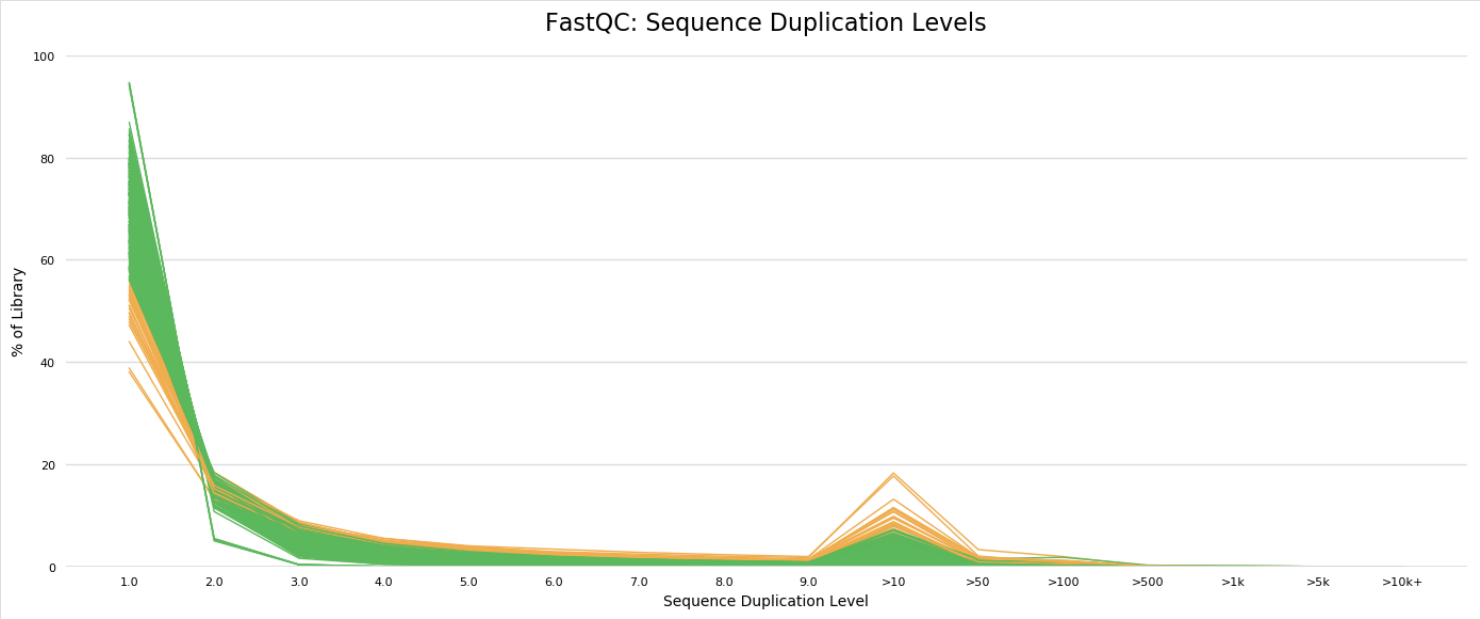
Sequence Length Distribution 362

The distribution of fragment sizes (read lengths) found. See the FastQC help



Sequence Duplication Levels 337 2

The relative level of duplication found for every sequence.



Overrepresented sequences 362

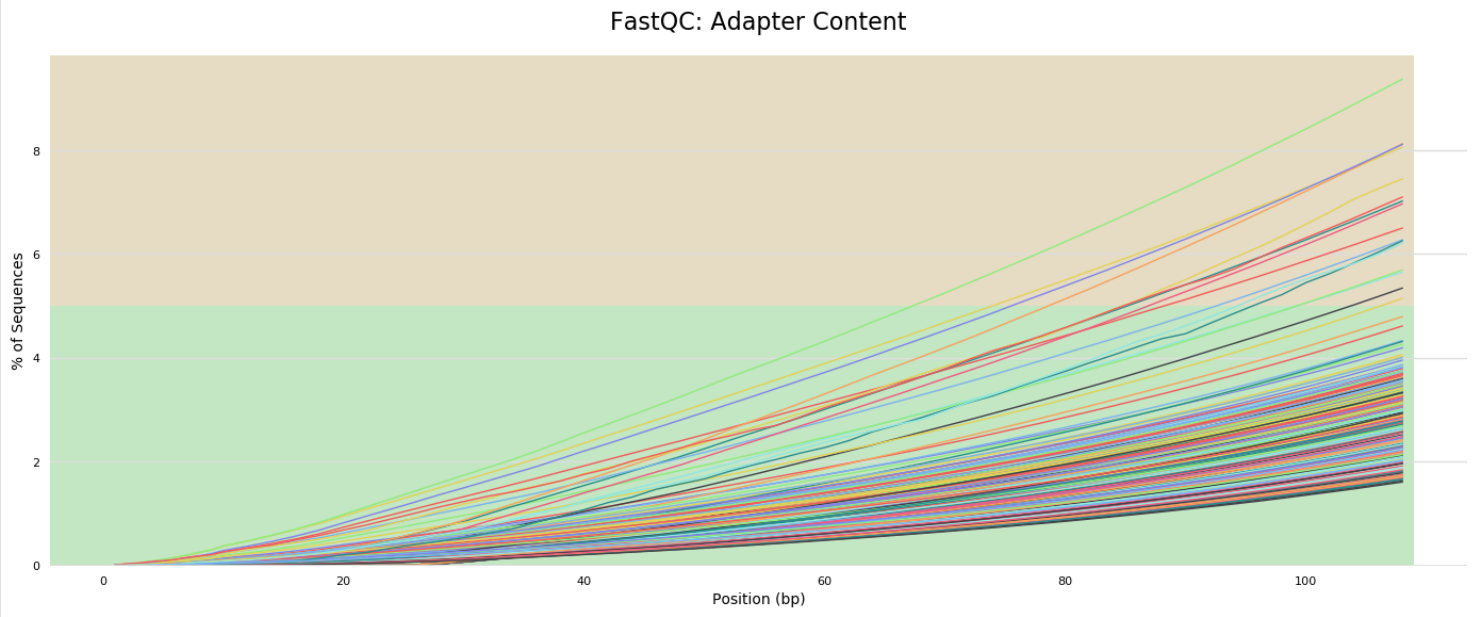
The total amount of overrepresented sequences found in each library.

362 samples had less than 1% of reads made up of overrepresented sequences

Adapter Content

346

The cumulative percentage count of the proportion of your library which has seen each of the adapter sequences at each position.



Status Checks

Status for each FastQC section showing whether results seem entirely normal (green), slightly abnormal (orange) or very unusual (red).

Sort by highlight **Min:** 0 **Max:** 1