MiSeq Quality Check

1 Quality data

Data	Value	Pass/Fail
Mean Cluster Density (k/mm2)	1650.96	
Clusters passed filter (%)	61.17	
Average >= Q30	81.23	
1st full read >= Q30	42.56	
2nd full read >= Q30	37.92	
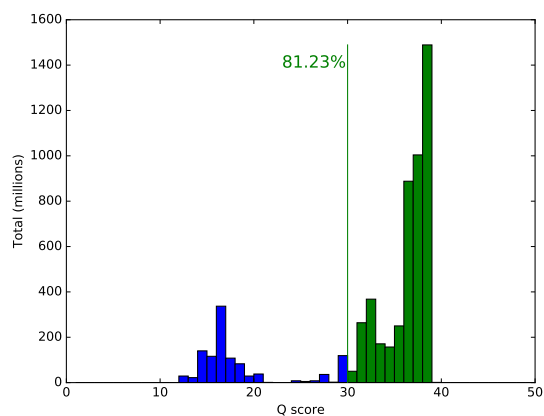
(a) Q-score distribution plot (all reads all cycles)
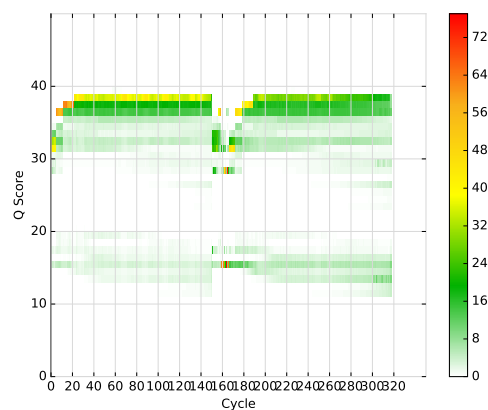
(b) Q-score heat map
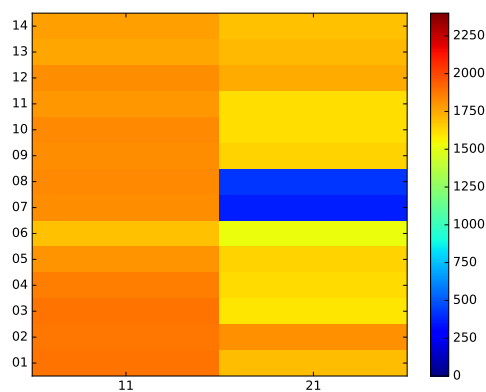
(c) Cluster density per tile

2 Phas/Prephas data

Data	Value	Pass/Fail
1st full read	0.063 / 0.014	
2nd full read	0.144 / 0.012	

3 Indexing

Total Reads	PF Reads	% Reads Identified (PF)	Min	Max
6824732	3382992	49.5696	0.0192	4.0140

Sample_ID	Index	Index2	% Reads Identified (PF)
1	TAAGGCGA	CTCTCTAT	0.0192
2	CGTACTAG	CTCTCTAT	3.4152
3	AGGCAGAA	CTCTCTAT	2.6494
4	TCCTGAGC	CTCTCTAT	3.4582
5	GGACTCCT	CTCTCTAT	3.7589
6	TAGGCATG	CTCTCTAT	3.7270
7	CTCTCTAC	CTCTCTAT	3.0917
8	CAGAGAGG	CTCTCTAT	2.4057
9	GCTACGCT	CTCTCTAT	2.9730
10	CGAGGCTG	CTCTCTAT	3.1706
11	AAGAGGCA	CTCTCTAT	3.9600
12	GTAGAGGA	CTCTCTAT	4.0140
13	TAAGGCGA	GTAAGGAG	3.5041
14	CGTACTAG	GTAAGGAG	2.2892
15	AGGCAGAA	GTAAGGAG	2.7785
16	TCCTGAGC	GTAAGGAG	1.5194
17	GGACTCCT	GTAAGGAG	2.8356