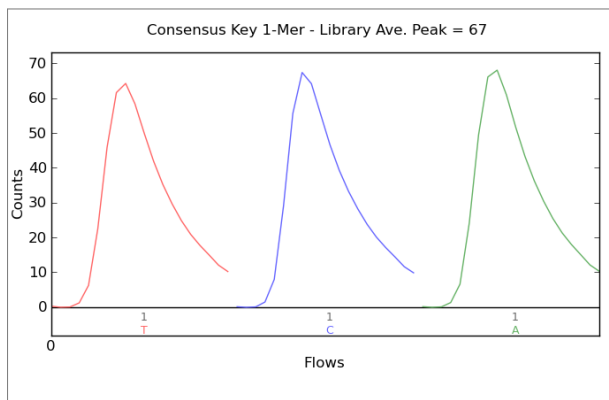
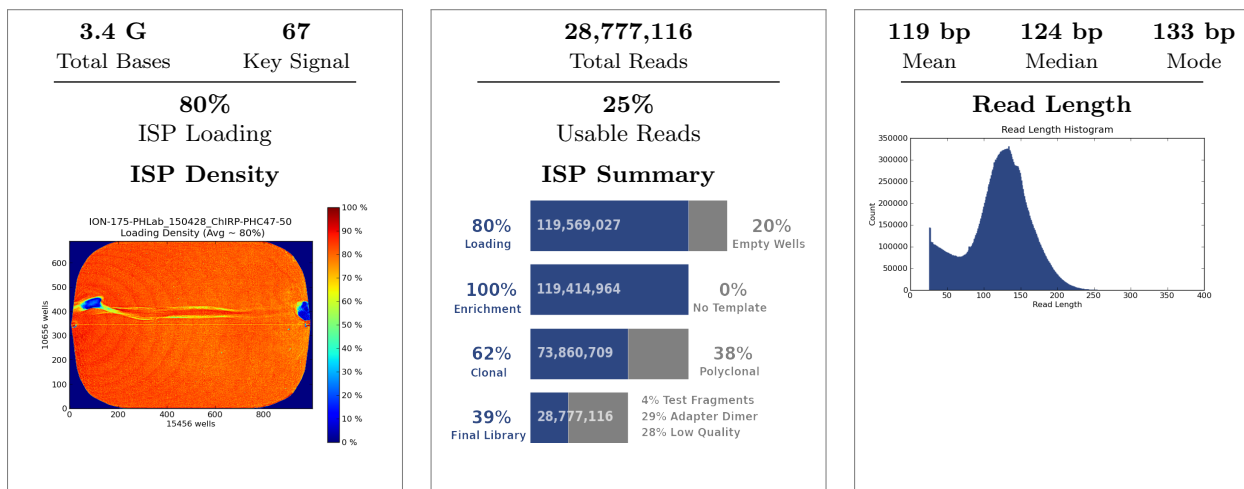


Run Summary



Addressable Wells	148,603,956	
With ISPs	119,569,027	80.5%
Live	119,414,964	99.9%
Test Fragment	3,204,056	02.7%
Library	116,210,908	97.3%

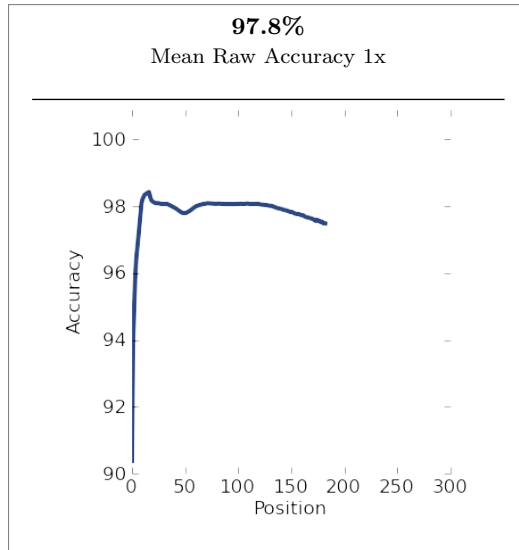
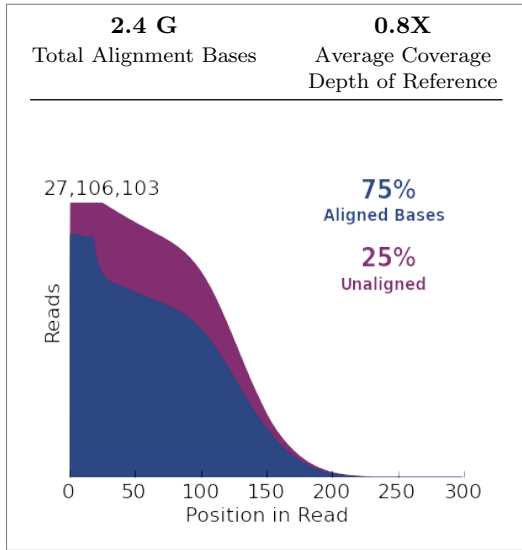
Library ISPs	116,210,908	
Filtered: Polyclonal	45,554,255	39.2%
Filtered: Low Quality	22,312,376	19.2%
Filtered: Primer Dimer	21,571,744	18.6%
Final Library ISPs	28,777,116	24.8%

Notes: PHlab_AG-4ChIRPsamples_PHC47-Input-bc4_PHC48-Odd-bc5_PHC49-Even-bc6_PHC50-LacZ-bc3

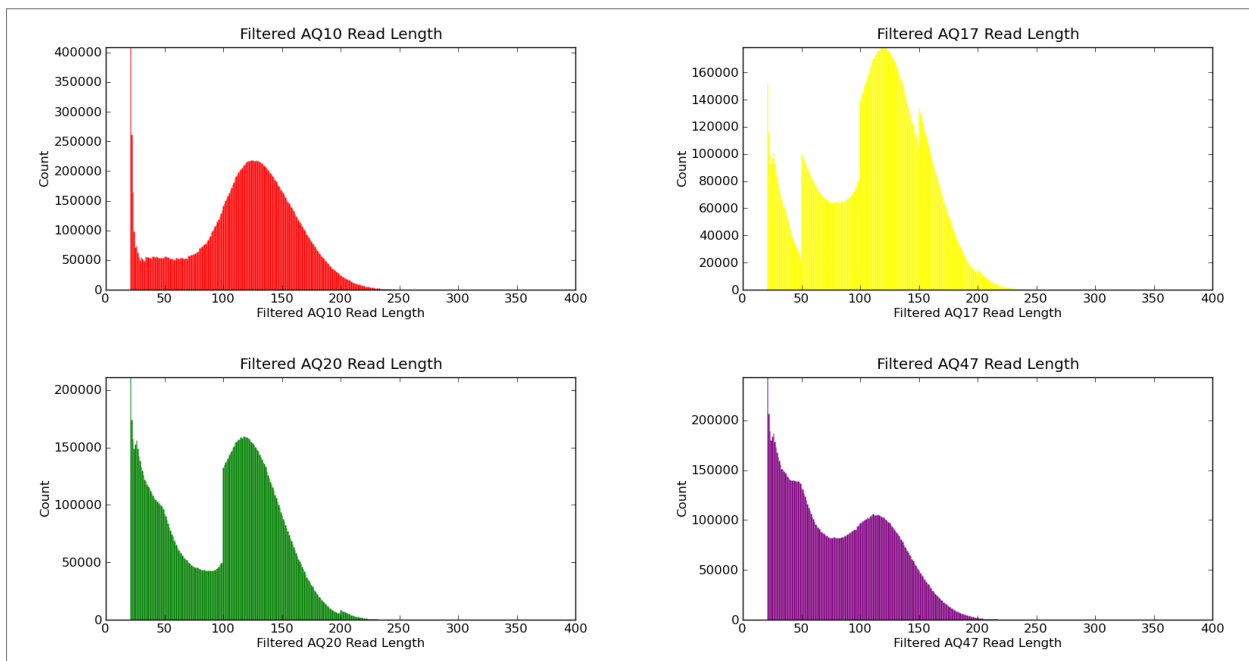
Barcode Name	Sample	Bases	≥ Q20	Reads	Mean Read Length
No barcode	none	129,284,481	82,843,929	1,532,372	84 bp
IonXpress_003	PHC50-LacZ	1,164,418,507	936,908,590	9,540,221	122 bp
IonXpress_004	PHC47-Input	587,399,297	454,401,759	4,660,513	126 bp
IonXpress_005	PHC48-Odd	656,006,753	514,123,402	5,523,112	119 bp
IonXpress_006	PHC49-Even	879,947,340	701,990,642	7,382,257	119 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	2,978,683	66%	

Alignment Summary (*aligned to Homo sapiens*)



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	1.8 G	1.5 G	1.1 G
Mean Length [bp]	110	98	81
Longest Alignment [bp]	306	279	261
Mean Coverage Depth	0.6	0.5	0.4



Analysis Details

Run Name	R_2015.04.28_12.10.54_user_ION-175-PHLab_150428_ChIRP-PHC47-50
Run Date	April 28, 2015, 12:12 p.m.
Run Flows	520
Projects	PHLab_ChIRP
Sample	PHC49-Even, PHC47-Input, PHC50-LacZ, PHC48-Odd
Reference	
Instrument	IONAS
Flow Order	TACGTACGTCTGAGCATCGATCGATGTACAGC
Library Key	TCAG
TF Key	ATCG
Chip Check	Passed
Chip Type	P1.1.17
Chip Data	tiled
Barcode Set	IonXpress
Analysis Name	Auto_user_ION-175-PHLab_150428_ChIRP-PHC47-50_240
Analysis Date	April 28, 2015, 6:35 p.m.
Analysis Flows	0
runID	6WA80

Chef Summary

Ion Chef was not used for this run |

Software Version

Torrent_Suite	4.4.2
host	FW7DQV1
ion-analysis	4.4.8-1
ion-chefupdates	4.4.5
ion-dbreports	4.4.29-1
ion-gpu	4.4.1-1
ion-pipeline	4.4.11-1
ion-plugins	4.4.14-1
ion-protonupdates	4.4.3
ion-torrentr	4.4.0-1
LiveView	1930
DataCollect	3030
OIA	4402
OS	27
Graphics	38