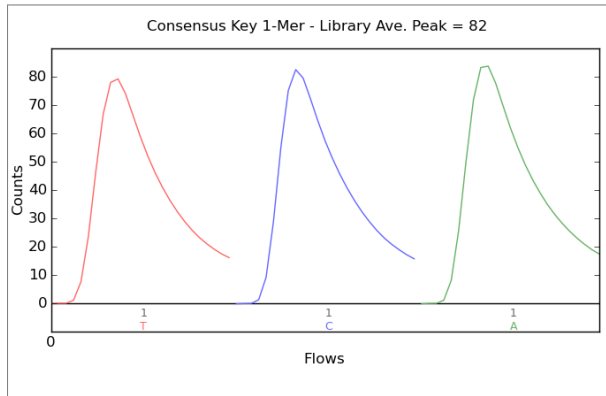
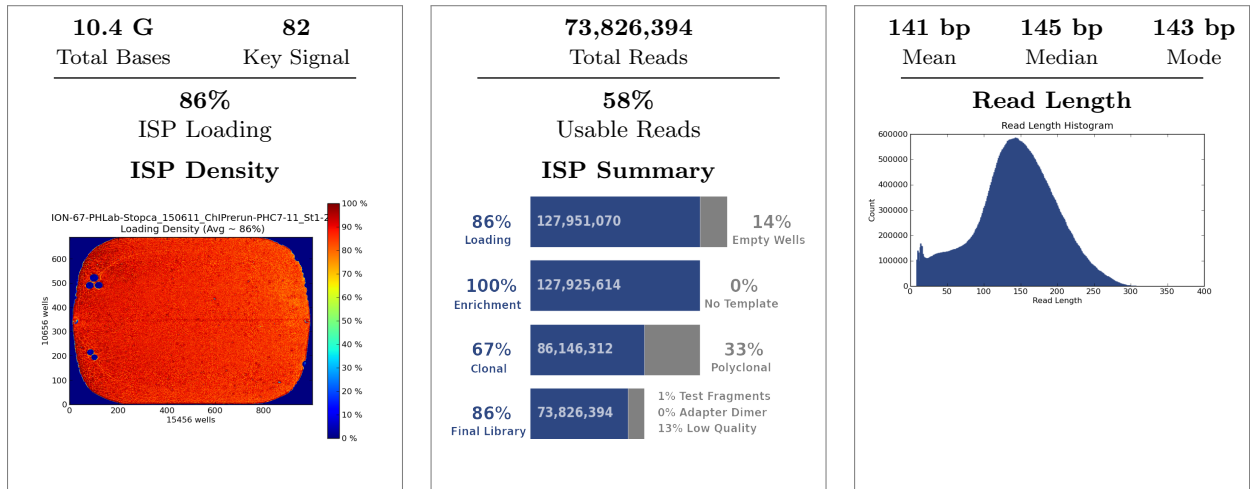


## Run Summary



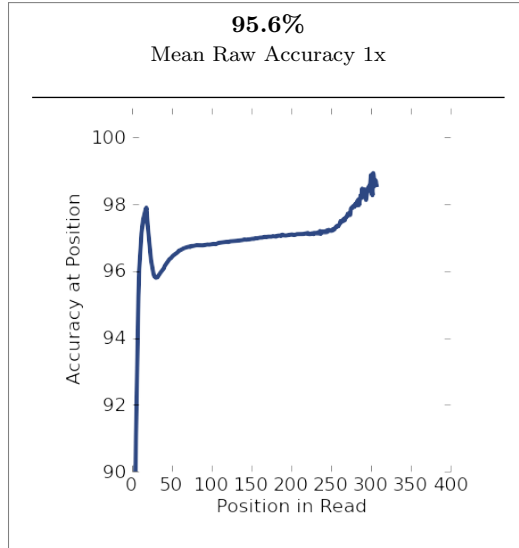
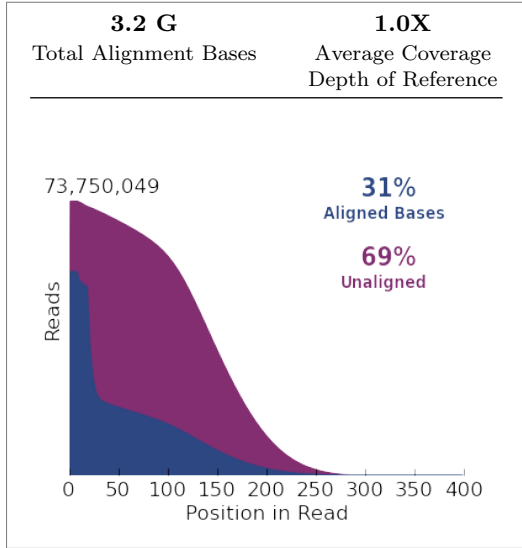
Addressable Wells		148,603,956
With ISPs	127,951,070	86.1%
Live	127,925,614	100.0%
Test Fragment	753,168	00.6%
Library	127,172,446	99.4%
Library ISPs		127,172,446
Filtered: Polyclonal	41,779,302	32.9%
Filtered: Low Quality	11,250,204	08.8%
Filtered: Primer Dimer	330,379	00.3%
<b>Final Library ISPs</b>	<b>73,826,394</b>	<b>58.1%</b>

Notes: PHlab-2ChIPrerun\_PHC7-TCcon-BC11\_PCH111-PIIcon-BC15\_DrStopca-Burda-2ChIP\_St1-KLMInput-BC2\_St2-KLMsample-BC3

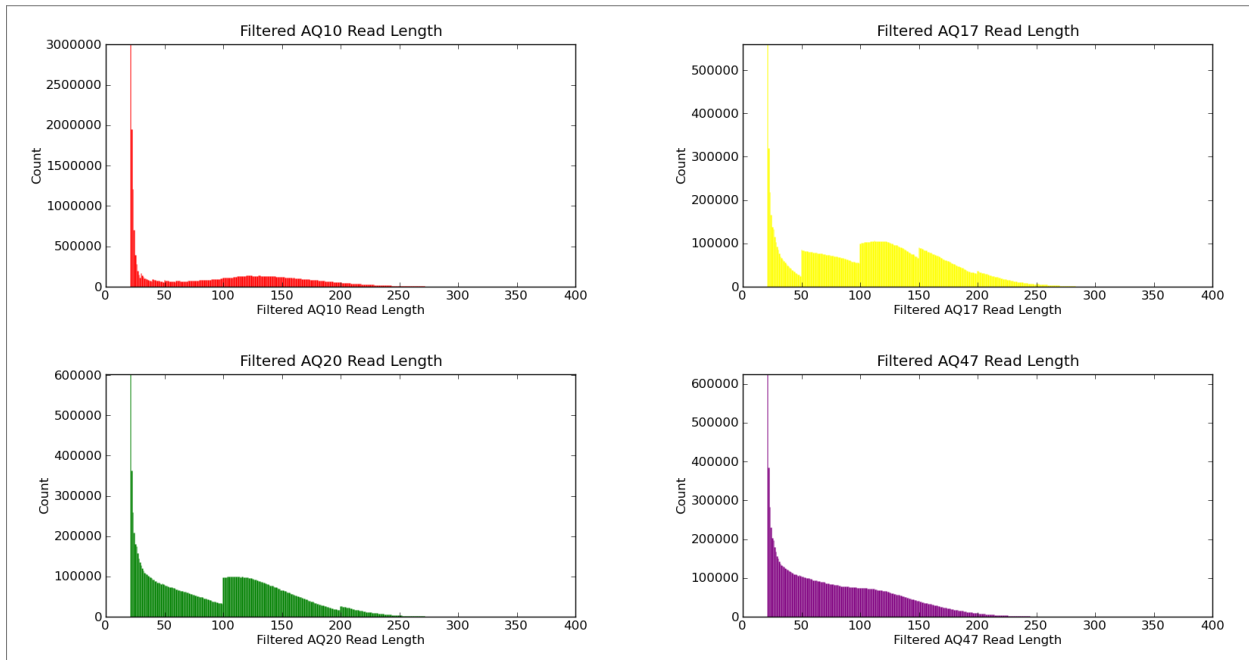
Barcode Name	Sample	Bases	≥ Q20	Reads	Mean Read Length
No barcode	None	100,987,144	75,156,250	855,133	118 bp
IonXpress_002	St1	4,071,962,875	3,285,164,586	28,154,499	144 bp
IonXpress_003	St2	3,904,014,568	3,158,651,429	27,276,016	143 bp
IonXpress_011	PHC7	667,660,699	537,557,200	4,841,978	137 bp
IonXpress_015	PHC11	1,719,740,601	1,375,522,076	12,622,422	136 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
<b>TF_C</b>	<b>623,570</b>	<b>81%</b>	

## Alignment Summary *(aligned to Homo sapiens)*



	AQ17	AQ20	Perfect
<b>Total Number of Bases [Mbp]</b>	1.6 G	1.3 G	1 G
<b>Mean Length [bp]</b>	109	96	79
<b>Longest Alignment [bp]</b>	332	326	311
<b>Mean Coverage Depth</b>	0.5	0.4	0.3



## Analysis Details

<b>Run Name</b>	R_2014.06.12_04.13.00_user_ION-67-PHLab-Stopca_150611_ChIPrerun-PHC7-11_St1-2
<b>Run Date</b>	June 12, 2014, 4:15 a.m.
<b>Run Flows</b>	520
<b>Projects</b>	PHLab_ChIPSeq
<b>Sample</b>	PHC7, PHC11, St1, St2
<b>Reference</b>	
<b>PGM</b>	IONAS
<b>Flow Order</b>	TACGTACGTCTGAGCATCGATCGATGTACAGC
<b>Library Key</b>	TCAG
<b>TF Key</b>	ATCG
<b>Chip Check</b>	Passed
<b>Chip Type</b>	P1.1.17
<b>Chip Data</b>	tiled
<b>Barcode Set</b>	IonXpress
<b>Analysis Name</b>	Auto_user_ION-67-PHLab-Stopca_150611_ChIPrerun-PHC7-11_St1-2_95
<b>Analysis Date</b>	June 12, 2014, 9:01 p.m.
<b>Analysis Flows</b>	0
<b>runID</b>	9H91N

## Software Version

<b>Torrent_Suite</b>	4.0.2
<b>host</b>	FW7DQV1
<b>ion-analysis</b>	4.0.6-1
<b>ion-dbreports</b>	4.0.39-1
<b>ion-gpu</b>	4.0.0-1
<b>ion-pipeline</b>	4.0.12-1
<b>ion-plugins</b>	4.0.37-1
<b>ion-protonupdates</b>	4.0.3
<b>ion-torrentr</b>	4.0.4-1
<b>LiveView</b>	1720
<b>DataCollect</b>	2801
<b>OIA</b>	4000
<b>OS</b>	17
<b>Graphics</b>	30