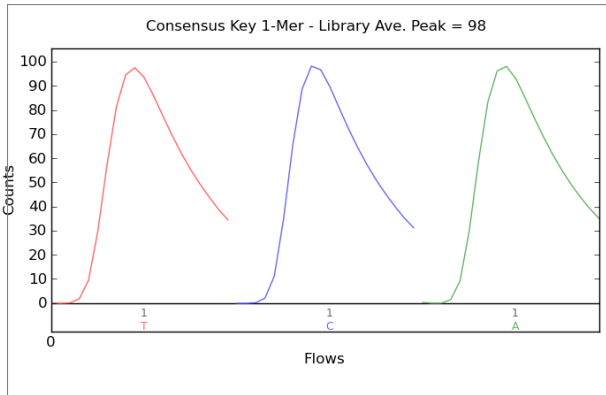
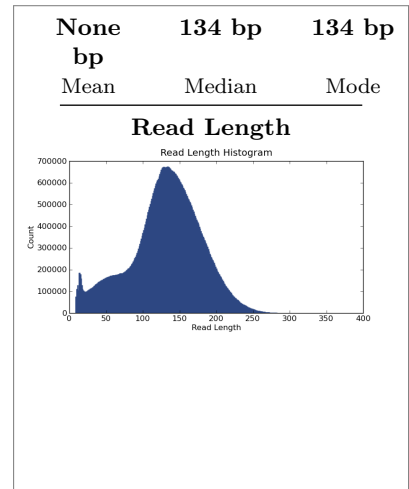
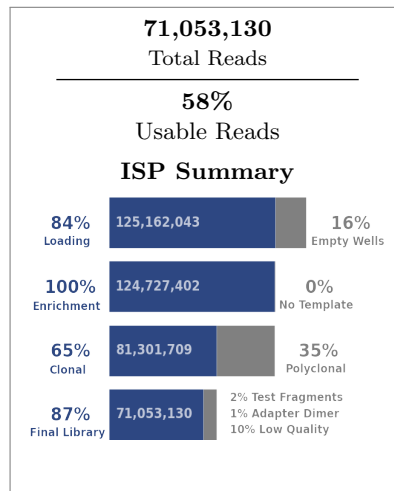
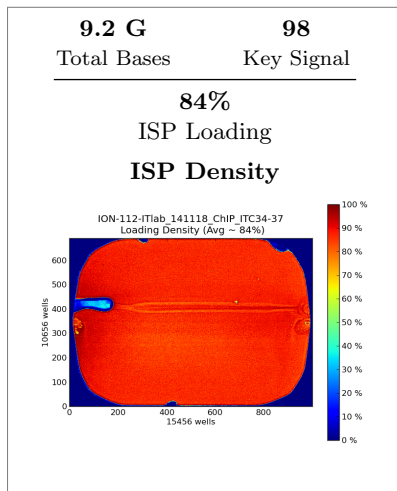


Run Summary



Addressable Wells	148,603,956	
With ISPs	125,162,043	84.2%
Live	124,727,402	99.7%
Test Fragment	2,065,043	01.7%
Library	122,662,359	98.3%

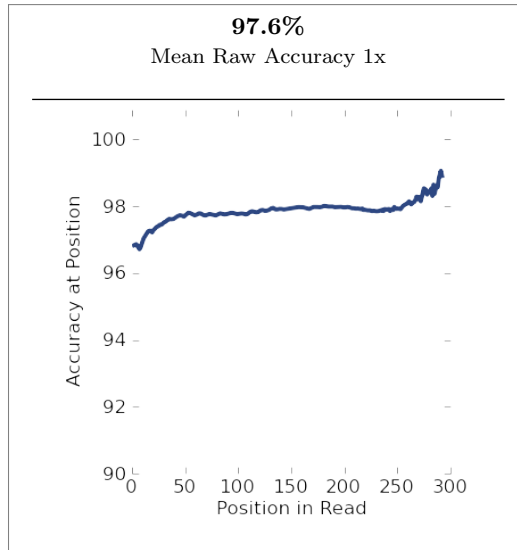
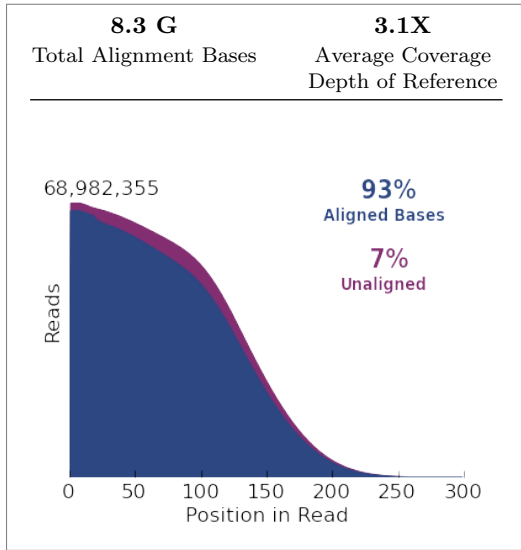
Library ISPs	122,662,359	
Filtered: Polyclonal	43,425,693	35.4%
Filtered: Low Quality	7,805,737	06.4%
Filtered: Primer Dimer	420,547	00.3%
Final Library ISPs	71,053,130	57.9%

Notes: ITlab_MS4ChIP_ITC34-SmF13-BC1_ITC35-SmF14-BC3_ITC36-SmTga-BC4_ITC37-SmTgb-BC6

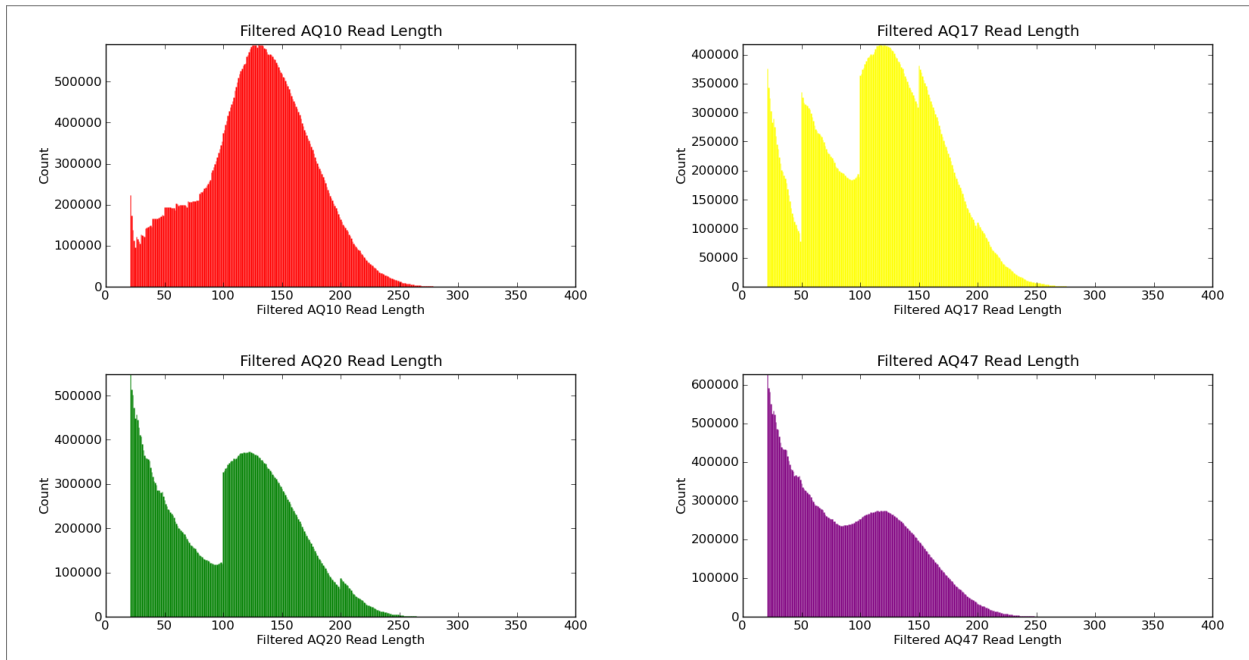
Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	none	218,748,662	163,275,950	2,016,442	108 bp
IonXpress_001	ITC34	2,348,544,943	1,953,543,244	17,427,578	134 bp
IonXpress_003	ITC35	1,944,284,404	1,639,972,772	15,243,778	127 bp
IonXpress_004	ITC36	2,749,695,391	2,301,833,494	20,864,792	131 bp
IonXpress_006	ITC37	1,951,102,265	1,616,193,440	15,446,207	126 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	1,521,849	56%	

Alignment Summary *(aligned to Mus musculus)*



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	5.8 G	4.9 G	3.9 G
Mean Length [bp]	115	104	88
Longest Alignment [bp]	312	312	302
Mean Coverage Depth	2.2	1.8	1.5



Analysis Details

Run Name	R_2014.11.18_11.53.28_user_ION-112-ITlab_141118_ChIP_ITC34-37
Run Date	Nov. 18, 2014, 11:57 a.m.
Run Flows	520
Projects	ITLab_ChipSeq
Sample	ITC36, ITC37, ITC34, ITC35
Reference	
PGM	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-112-ITlab_141118_ChIP_ITC34-37_173
Analysis Date	Nov. 18, 2014, 7:56 p.m.
Analysis Flows	0
runID	7V5S4

Software Version

Torrent_Suite	4.2.1
host	FW7DQV1
ion-analysis	4.2.18-1
ion-chefupdates	4.2.0
ion-dbreports	4.2.22-1
ion-gpu	4.2.2-1
ion-pipeline	4.2.12-1
ion-plugins	4.2.28-1
ion-protonupdates	4.2.2
ion-torrentr	4.2.1-1
LiveView	1835
DataCollect	2929
OIA	4201
OS	21
Graphics	34