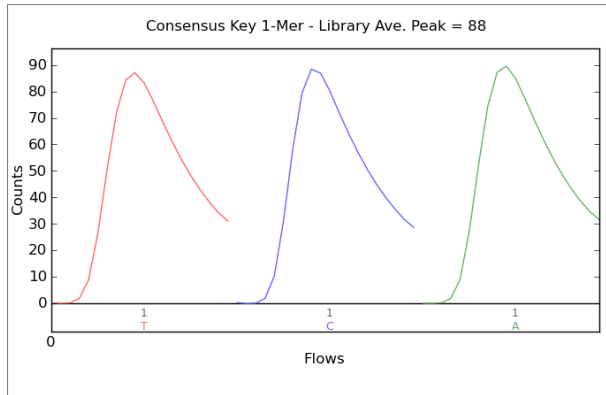
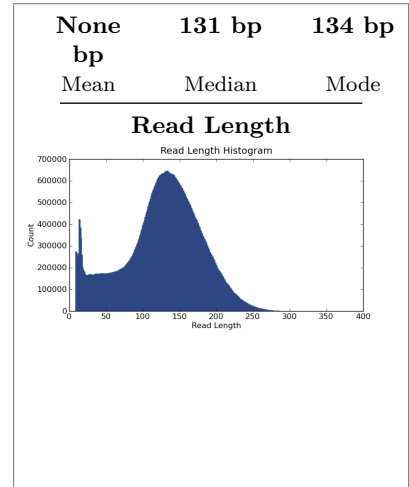
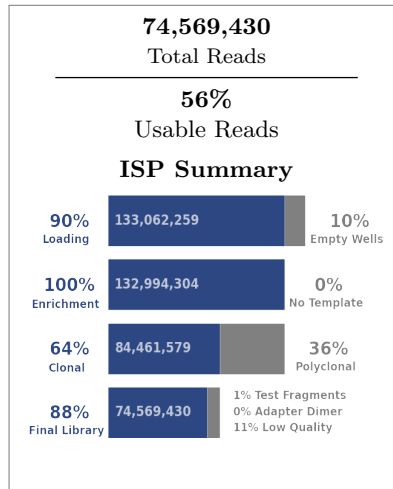
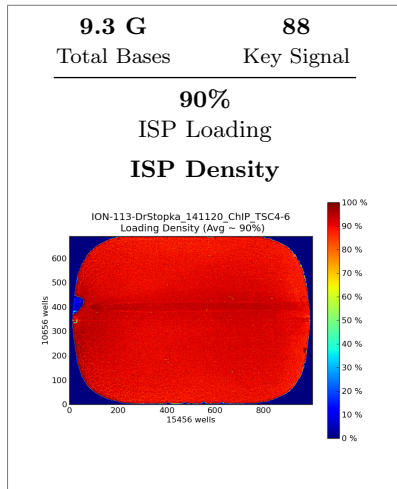


Run Summary



Addressable Wells	148,603,956	
With ISPs	133,062,259	89.5%
Live	132,994,304	99.9%
Test Fragment	794,562	00.6%
Library	132,199,742	99.4%

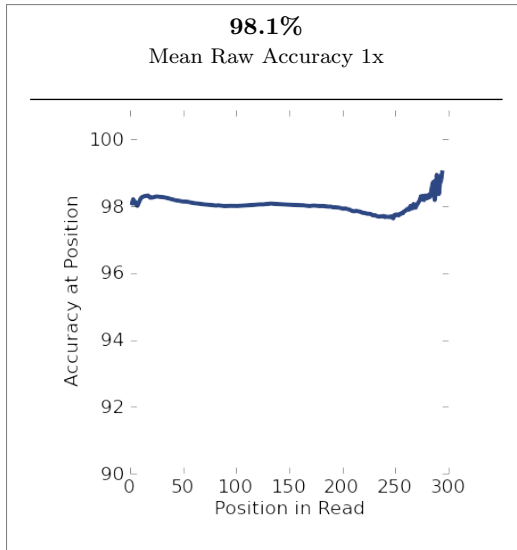
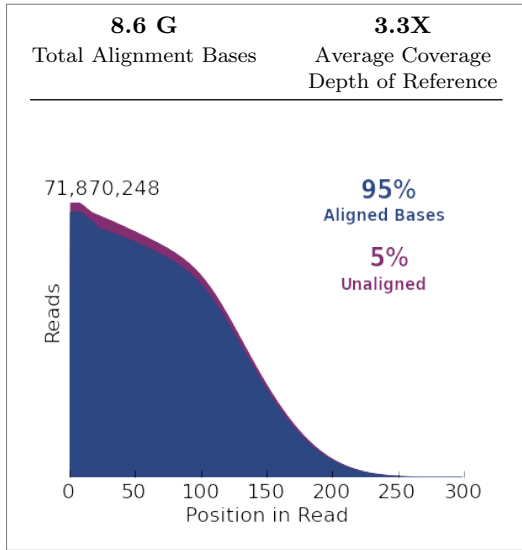
Library ISPs	132,199,742	
Filtered: Polyclonal	48,532,725	36.7%
Filtered: Low Quality	8,925,447	06.8%
Filtered: Primer Dimer	198,333	00.2%
Final Library ISPs	74,569,430	56.4%

Notes: DrStopkaLab_PBurda3ChIPseq_TSC4-Input-bc12_TSC5-G1-bc13_TSC6-G2-bc14

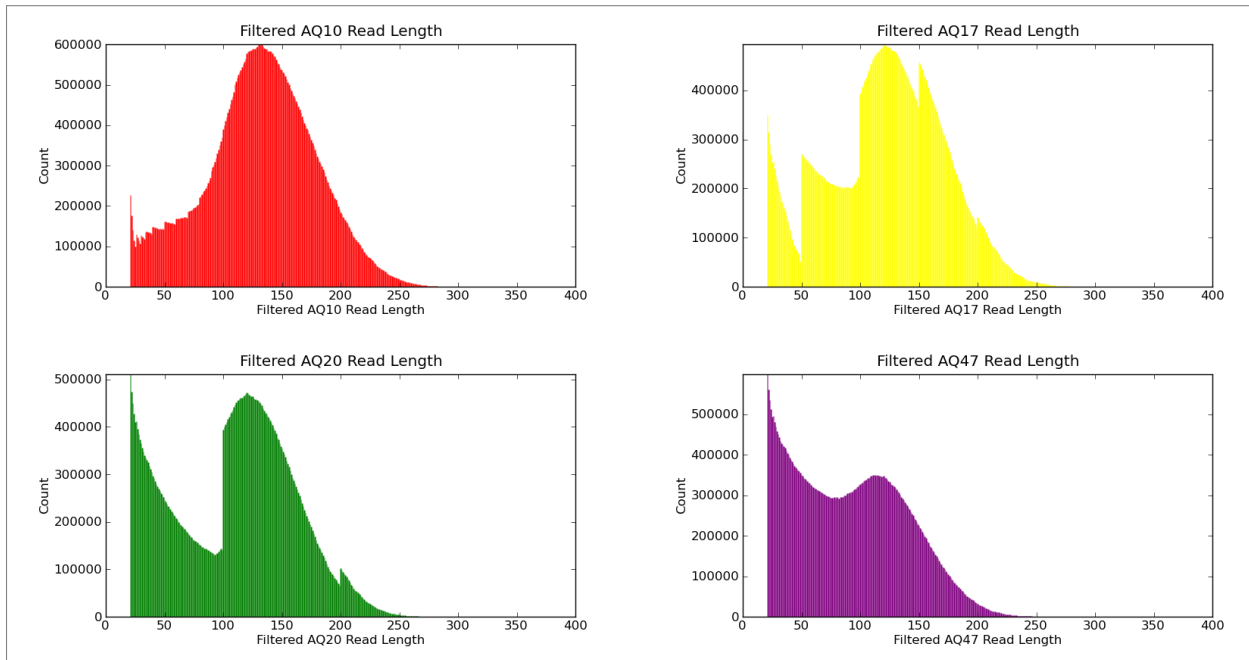
Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	none	238,823,104	163,075,449	2,666,086	89 bp
IonXpress_012	TSC4	3,167,991,515	2,466,219,558	25,060,596	126 bp
IonXpress_013	TSC5	2,579,338,336	2,025,291,795	20,293,119	127 bp
IonXpress_014	TSC6	3,329,270,258	2,616,979,704	26,516,533	125 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	535,545	47%	

Alignment Summary *(aligned to Mus musculus)*



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	6.8 G	5.7 G	4.5 G
Mean Length [bp]	122	109	91
Longest Alignment [bp]	315	307	303
Mean Coverage Depth	2.6	2.1	1.7



Analysis Details

Run Name	R_2014.11.20_11.46.08_user_ION-113-DrStopka_141120_ChIP_TSC4-6
Run Date	Nov. 20, 2014, 11:49 a.m.
Run Flows	520
Projects	DrStopca_ChIPSeq
Sample	TSC6, TSC4, TSC5
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-113-DrStopka_141120_ChIP_TSC4-6_175
Analysis Date	Nov. 20, 2014, 8:18 p.m.
Analysis Flows	0
runID	97765

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