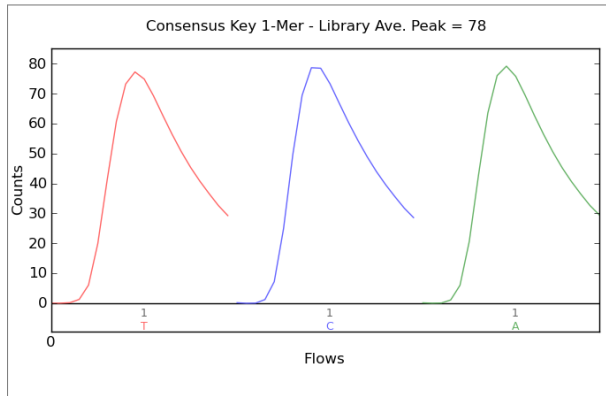
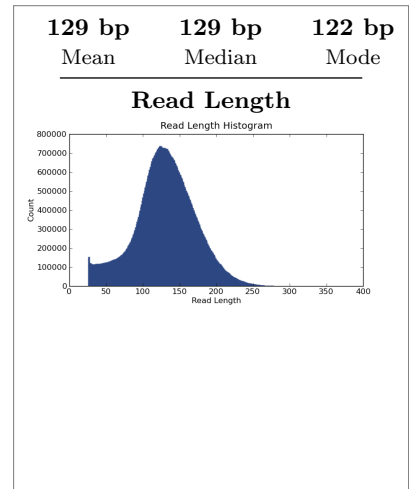
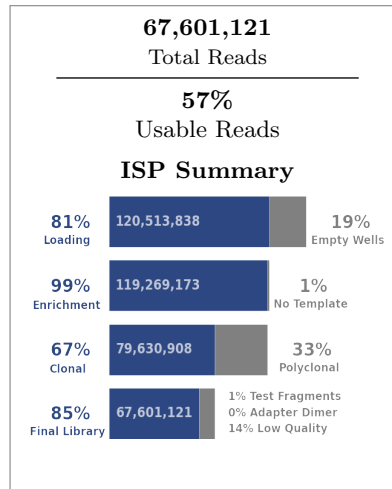
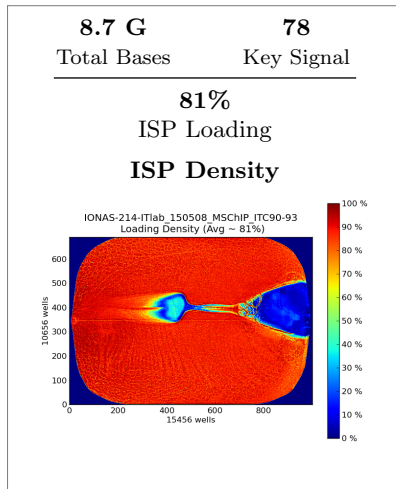


Run Summary

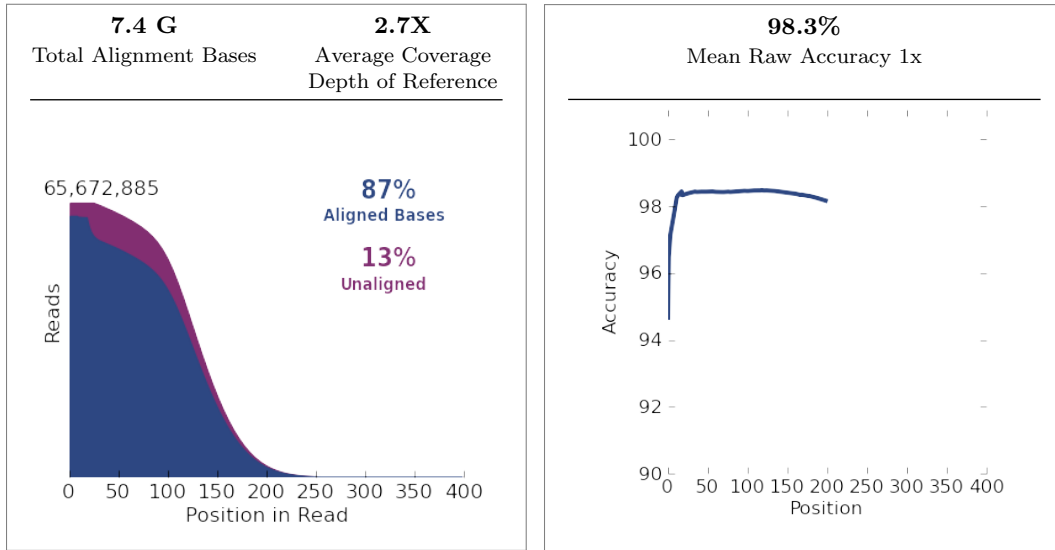


Addressable Wells	148,155,732	
With ISPs	120,513,838	81.3%
Live	119,269,173	99.0%
Test Fragment	659,532	00.6%
Library	118,609,641	99.4%
Library ISPs	118,609,641	
Filtered: Polyclonal	39,638,265	33.4%
Filtered: Low Quality	13,161,593	11.1%
Filtered: Primer Dimer	186,647	00.2%
Final Library ISPs	67,601,121	57.0%

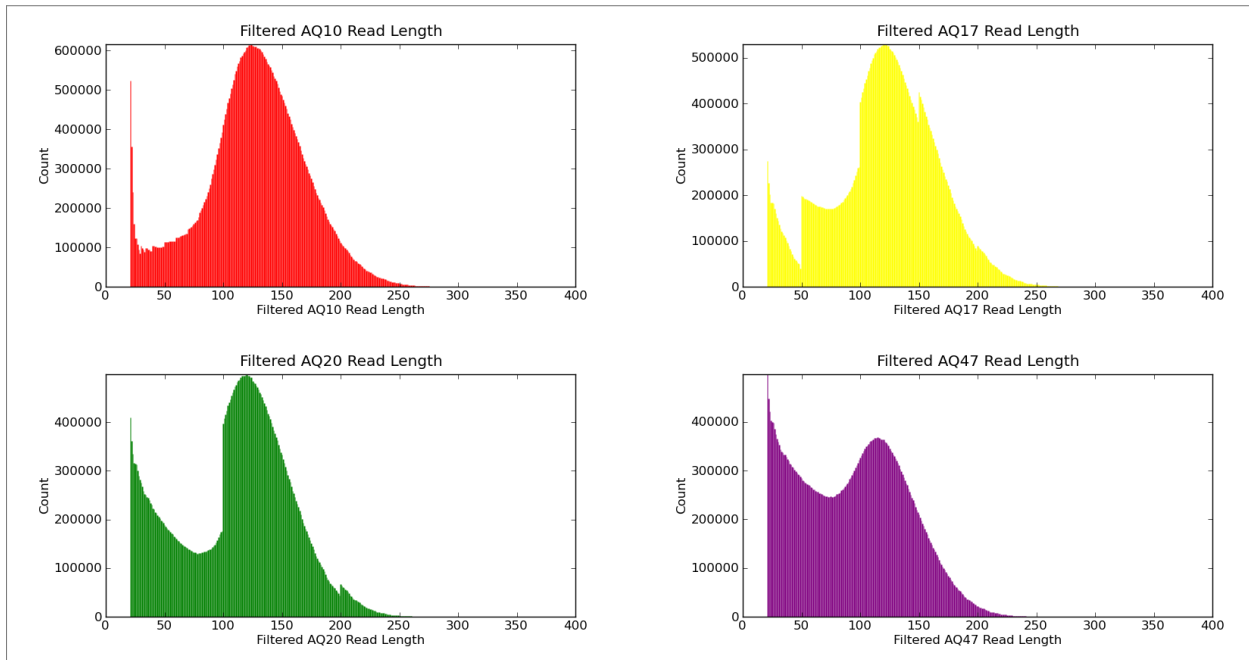
Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	none	207,964,961	152,556,904	1,928,236	108 bp
IonXpress_001	ITC90-ctrlCh1-Input	1,363,770,292	1,124,608,377	10,928,143	125 bp
IonXpress_002	ITC91-ctrlCh2-Input	1,260,054,932	1,045,439,344	10,094,538	125 bp
IonXpress_003	ITC92-ctrlCh1	3,599,903,882	2,949,616,463	27,308,782	132 bp
IonXpress_004	ITC93-ctrlCh2	2,279,017,959	1,870,726,181	17,314,880	132 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	584,560	76%	

Alignment Summary (aligned to *Mus musculus 10*)



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	6 G	5.1 G	4.1 G
Mean Length [bp]	121	111	93
Longest Alignment [bp]	315	311	301
Mean Coverage Depth	2.2	1.9	1.5



Analysis Details

Run Name	R_2015_08_05_12.38.54_user_IONAS-214-ITlab_150508_MSChIP_ITC90-93
Run Date	Aug. 5, 2015, 12:40 p.m.
Run Flows	520
Projects	ITLab_ChipSeq
Sample	
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_IONAS-214-ITlab_150508_MSChIP_ITC90-93_298
Analysis Date	Aug. 5, 2015, 8:12 p.m.
Analysis Flows	0
runID	CX3XH

Chef Summary

Ion Chef was not used for this run |

Software Version

Torrent_Suite	4.6
host	FW7DQV1
ion-analysis	4.6.11-1
ion-chefupdates	4.6.0
ion-dbreports	4.6.24-1
ion-gpu	4.6.0-1
ion-pipeline	4.6.11-1
ion-plugins	4.6.18-1
ion-protonupdates	4.6.0
ion-torrentr	4.6.1-1
Script	2.1.32
LiveView	2018
DataCollect	3159
OIA	4600
OS	27
Graphics	51