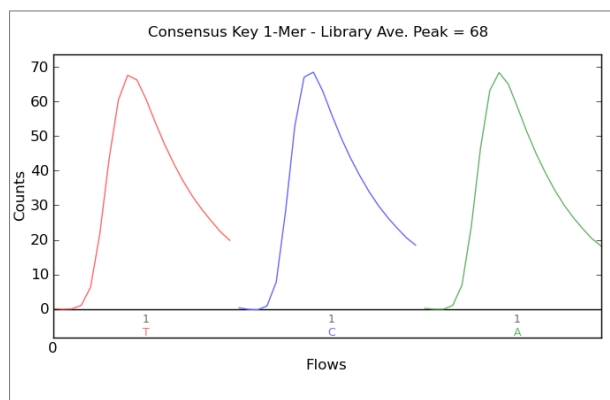
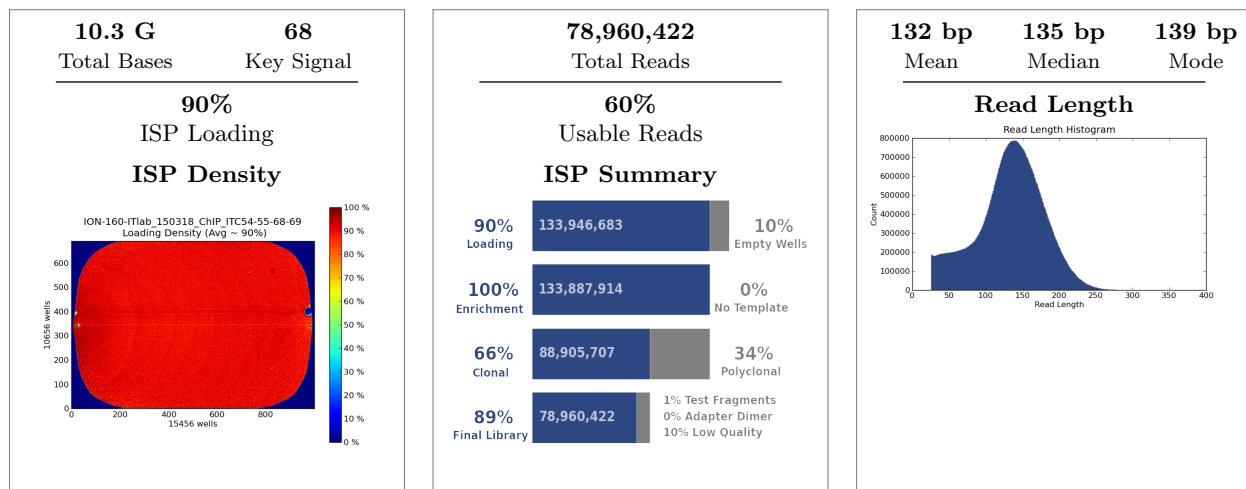


Run Summary



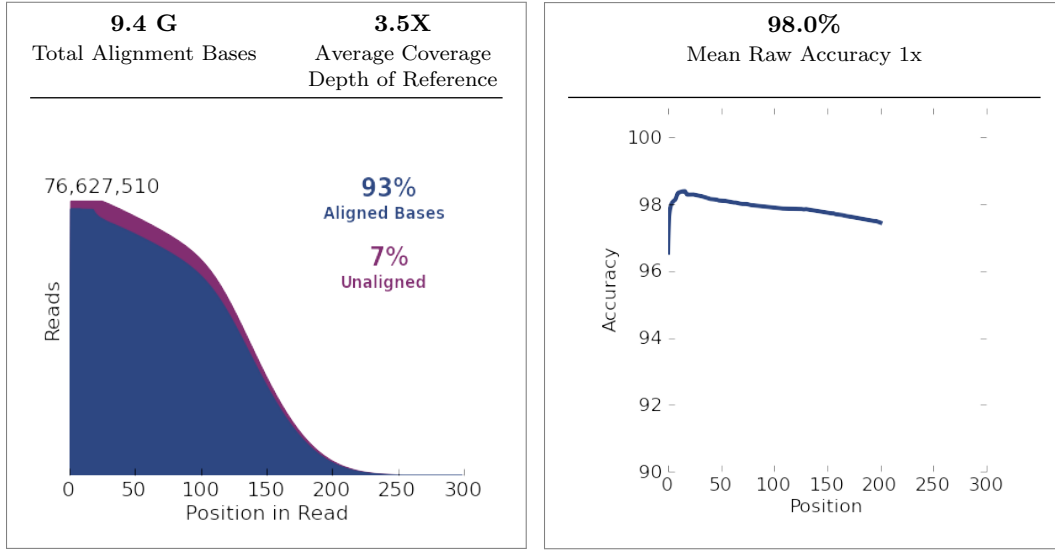
Addressable Wells		148,603,956
With ISPs	133,946,683	90.1%
Live	133,887,914	100.0%
Test Fragment	1,397,691	01.0%
Library	132,490,223	99.0%
Library ISPs		132,490,223
Filtered: Polyclonal	44,982,207	34.0%
Filtered: Low Quality	10,504,940	07.9%
Filtered: Primer Dimer	96,172	00.1%
Final Library ISPs	78,960,422	59.6%

Notes: ITlab_16-KNsamples_ITC54-wt1Input-bc1_ITC55-wt2Input-bc2_ITC68-Set8KO1ME1-bc15_ITC69-Set8KO2ME1-bc16

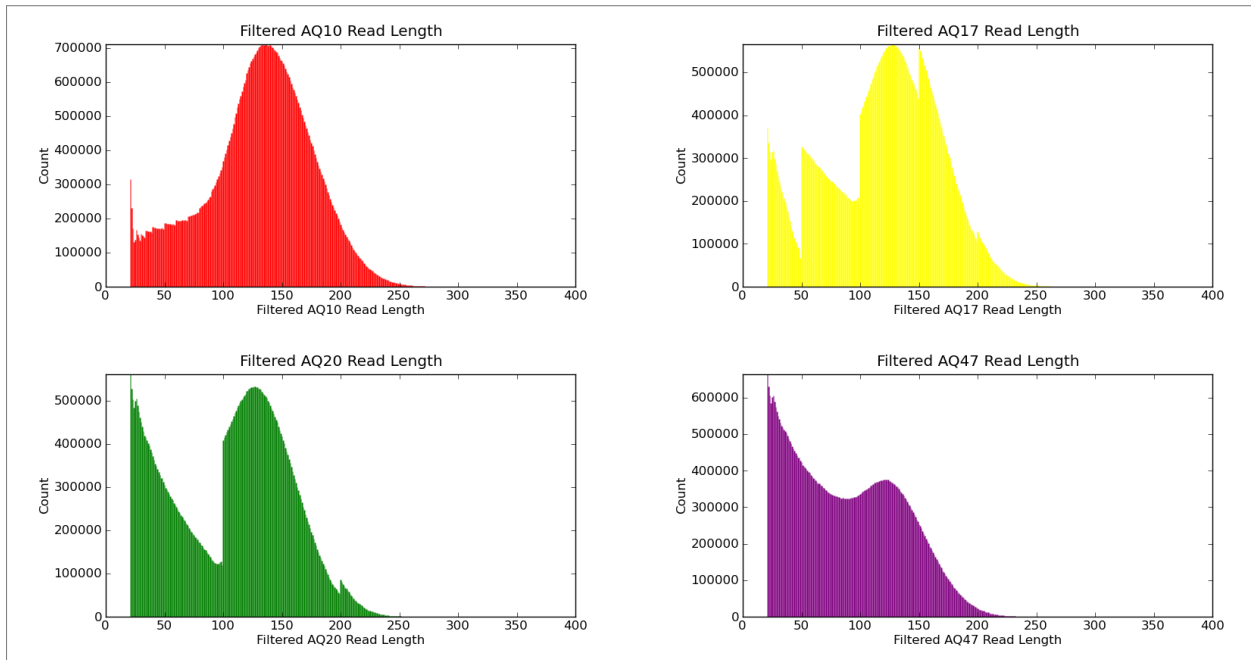
Barcode Name	Sample	Bases	≥ Q20	Reads	Mean Read Length
No barcode	none	247,161,776	173,428,029	2,171,766	114 bp
IonXpress_001	ITC54-wt1Input	2,227,705,392	1,741,494,837	17,458,147	128 bp
IonXpress_002	ITC55-wt2Input	3,243,884,182	2,551,887,004	24,574,514	132 bp
IonXpress_015	ITC68-Set8KO1ME1	2,655,494,163	2,057,680,971	19,661,157	135 bp
IonXpress_016	ITC69-Set8KO2ME1	1,999,769,129	1,552,814,313	14,933,692	134 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	1,072,854	57%	

Alignment Summary (aligned to *Mus musculus*)



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	7.4 G	6.1 G	4.9 G
Mean Length [bp]	119	106	88
Longest Alignment [bp]	311	304	276
Mean Coverage Depth	2.8	2.3	1.9



Analysis Details

Run Name	R_2015_03_18_12_47_52_user_ION-160-ITlab_150318_ChIP_ITC54-55-68-69
Run Date	March 18, 2015, 12:50 p.m.
Run Flows	520
Projects	ITLab_ChipSeq
Sample	ITC69-Set8KO2ME1, ITC54-wt1Input, ITC68-Set8KO1ME1, ITC55-wt2Input
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-160-ITlab_150318_ChIP_ITC54-55-68-69_225
Analysis Date	March 18, 2015, 11:58 p.m.
Analysis Flows	0
runID	ASPUR

Chef Summary

Ion Chef was not used for this run |

Software Version

Torrent_Suite	4.4
host	FW7DQV1
ion-analysis	4.4.6-1
ion-chefupdates	4.4.3
ion-dbreports	4.4.22-1
ion-gpu	4.4.1-1
ion-pipeline	4.4.9-1
ion-plugins	4.4.12-1
ion-protonupdates	4.4.3
ion-torrentr	4.4.0-1
LiveView	1930
DataCollect	3030
OIA	4402
OS	27
Graphics	38