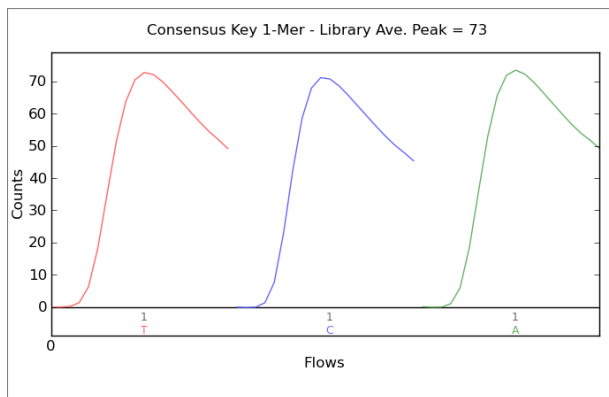
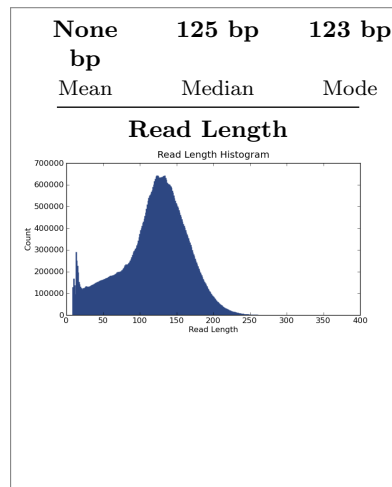
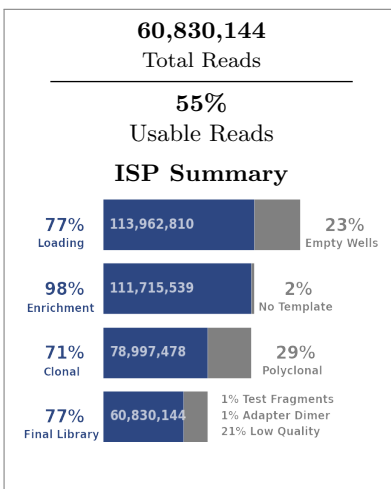
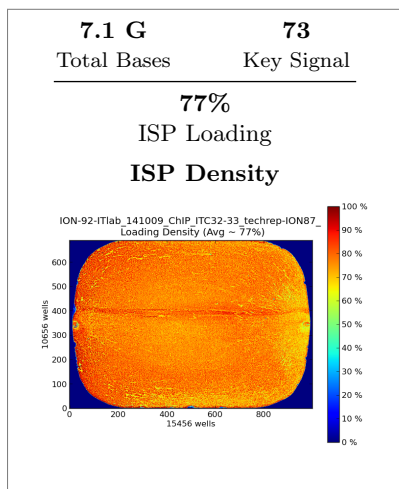


Run Summary



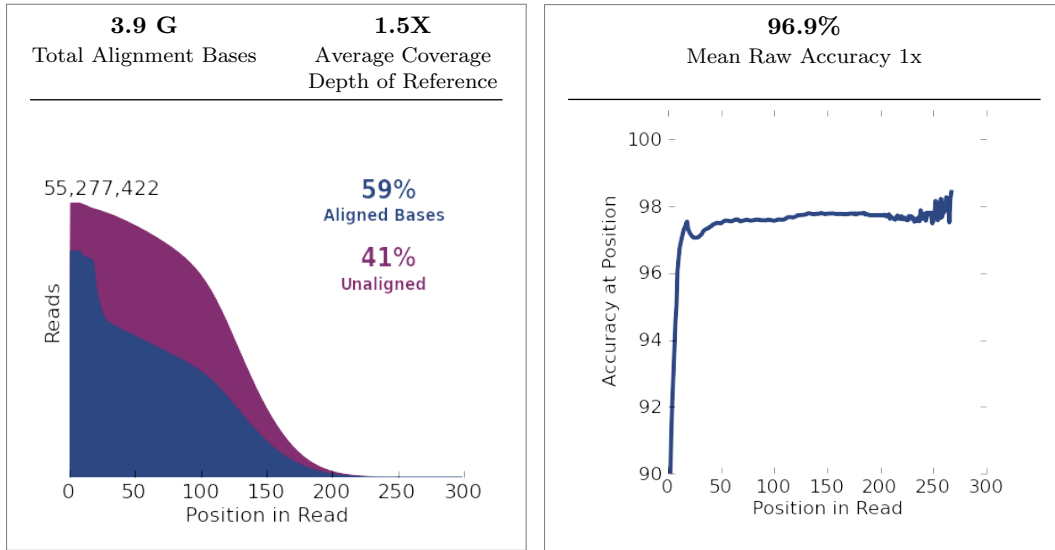
Addressable Wells	148,603,956	
With ISPs	113,962,810	76.7%
Live	111,715,539	98.0%
Test Fragment	450,092	00.4%
Library	111,265,447	99.6%
Library ISPs	111,265,447	
Filtered: Polyclonal	32,718,061	29.4%
Filtered: Low Quality	16,753,659	15.1%
Filtered: Primer Dimer	1,080,157	01.0%
Final Library ISPs	60,830,144	54.7%

Notes: ITlab_MS2ChIP_ITC32-Sm3TgDEN1A1-BC6_ITC33-Sm3TgDEN1B1-BC7

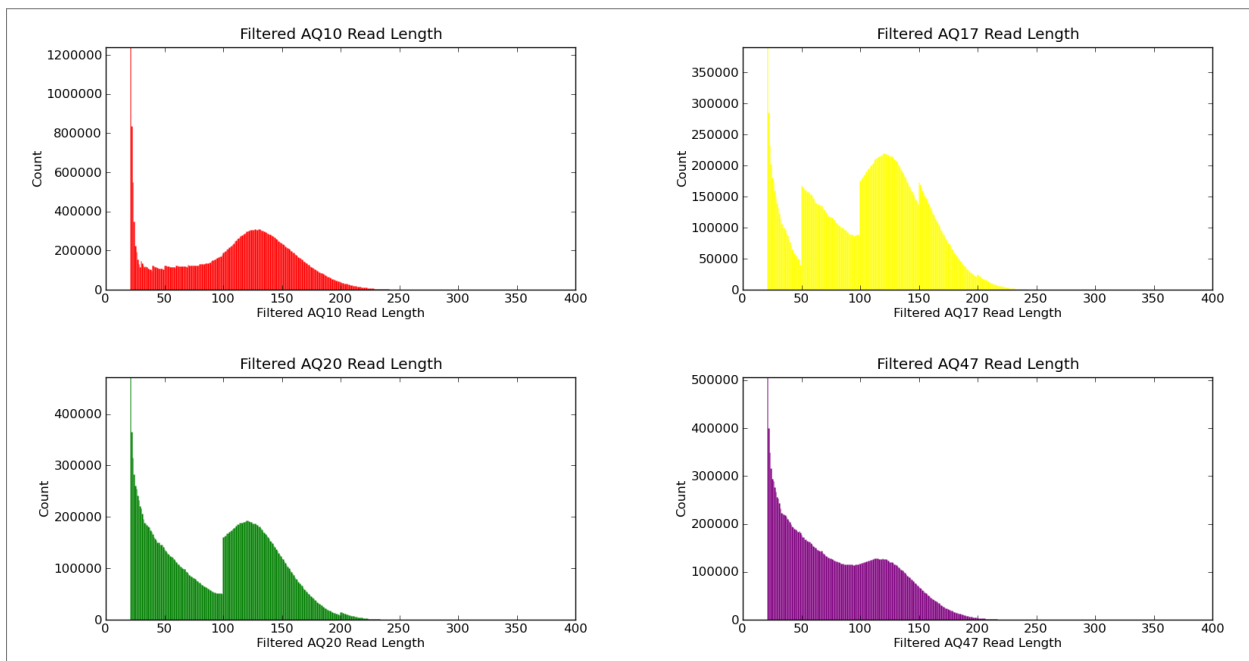
Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	none	441,094,535	286,610,007	5,089,425	86 bp
IonXpress_006	ITC32.1A1	4,254,595,587	3,389,757,505	35,044,678	121 bp
IonXpress_007	ITC33.1B1	2,374,868,117	1,868,858,820	19,759,764	120 bp
IonXpress_008	none	48,580,719	41,126,540	472,980	102 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	387,764	70%	

Alignment Summary (*aligned to Mus musculus*)



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	2.5 G	2 G	1.6 G
Mean Length [bp]	105	93	78
Longest Alignment [bp]	295	288	282
Mean Coverage Depth	0.9	0.8	0.6



Analysis Details

Run Name	R_2014_10_09_12_02_35_user_ION-92-ITlab_141009_Chip_ITC32-33_techrep-ION87_
Run Date	Oct. 9, 2014, 12:04 p.m.
Run Flows	520
Projects	ITLab_ChipSeq
Sample	ITC32_1A1, ITC33_1B1
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-92-ITlab_141009_Chip_ITC32-33_techrep-ION87_140
Analysis Date	Oct. 9, 2014, 7:10 p.m.
Analysis Flows	0
runID	MLFT6

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