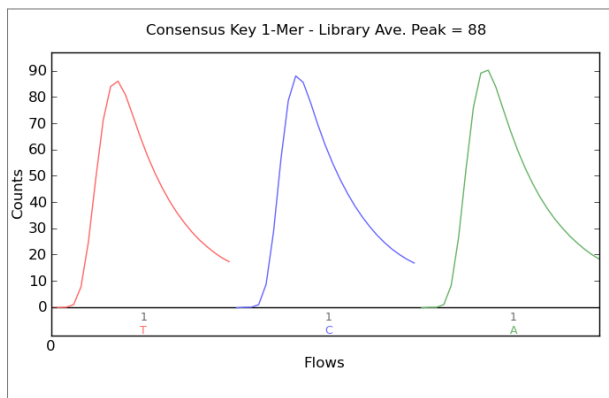
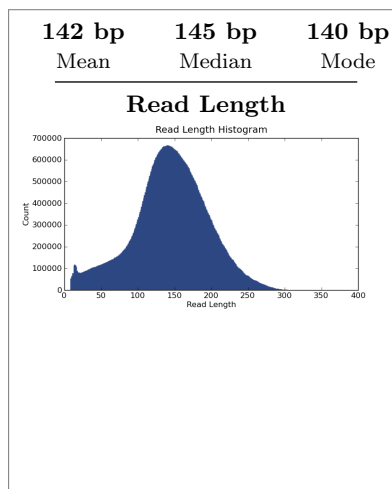
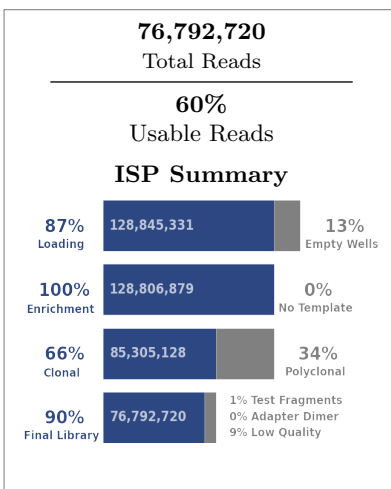
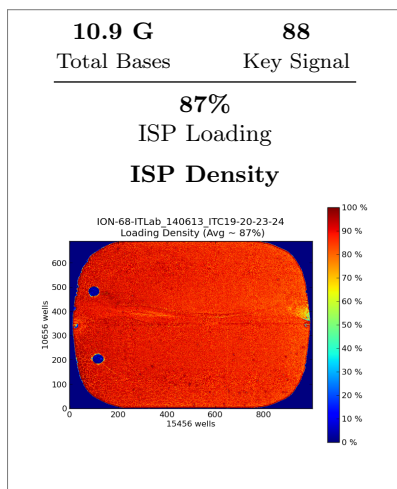


Run Summary



Addressable Wells	148,603,956	
With ISPs	128,845,331	86.7%
Live	128,806,879	100.0%
Test Fragment	1,149,740	00.9%
Library	127,657,139	99.1%

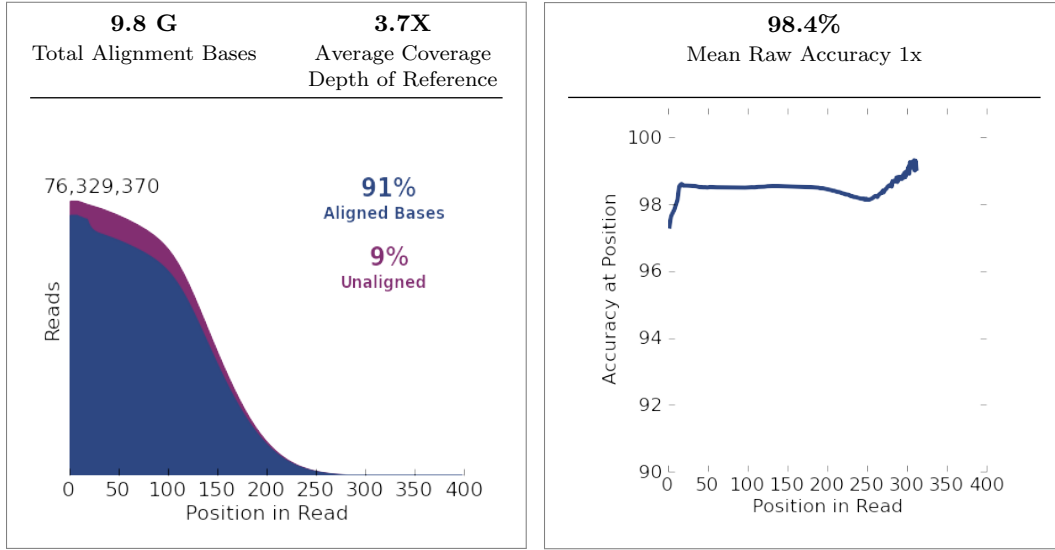
Library ISPs	127,657,139	
Filtered: Polyclonal	43,501,751	34.1%
Filtered: Low Quality	6,970,602	05.5%
Filtered: Primer Dimer	401,664	00.3%
Final Library ISPs	76,792,720	60.2%

Notes: ITlab-MS-8ChIPsamples_ITC19-tg1Smyd-BC4_ITC20-tg1PolII-BC6_ITC23-wtSmyd-BC11_ITC24-wtPolII-BC12

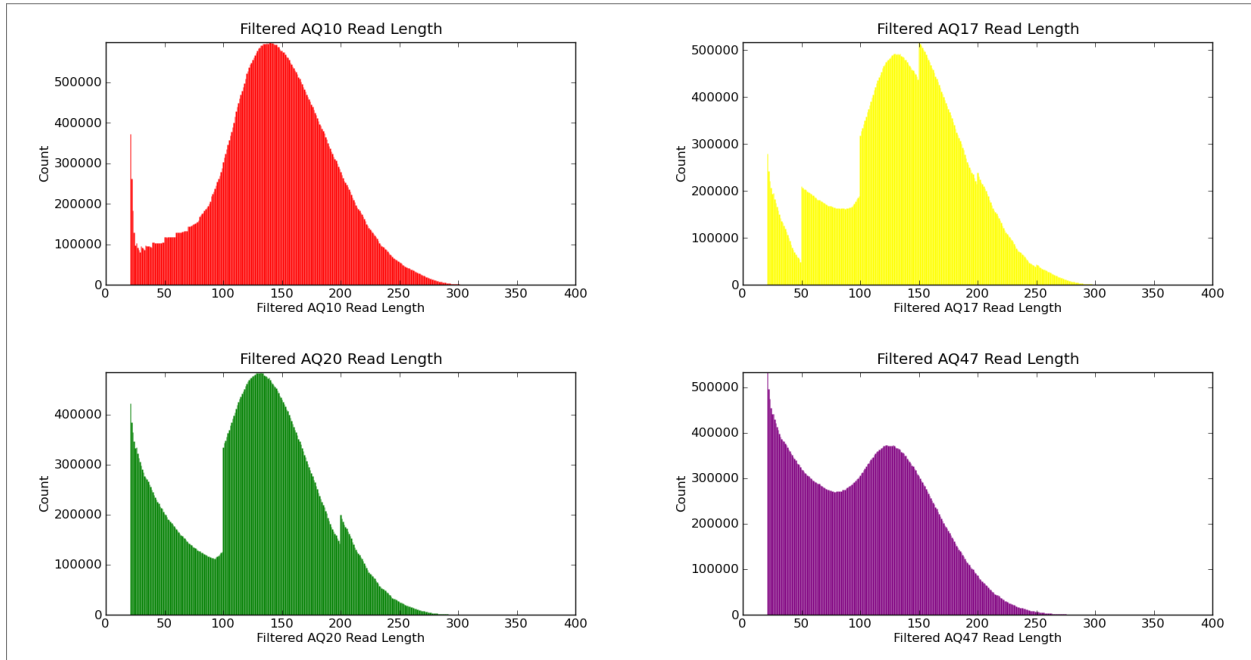
Barcode Name	Sample	Bases	≥ Q20	Reads	Mean Read Length
No barcode	None	98,656,808	78,011,531	783,185	125 bp
IonXpress_004	ITC19	3,217,643,002	2,695,533,994	22,471,256	143 bp
IonXpress_006	ITC20	2,916,689,193	2,446,099,742	21,097,935	138 bp
IonXpress_011	ITC23	2,456,431,519	2,037,915,752	16,956,026	144 bp
IonXpress_012	ITC24	2,213,508,511	1,816,587,692	15,020,967	147 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	928,350	80%	

Alignment Summary *(aligned to Mus musculus)*



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	8.2 G	7.1 G	5.6 G
Mean Length [bp]	137	125	103
Longest Alignment [bp]	334	332	323
Mean Coverage Depth	3.1	2.7	2.1



Analysis Details

Run Name	R_2014.06.13_04.32.40_user_ION-68-ITLab_140613_ITC19-20-23-24
Run Date	June 13, 2014, 4:34 a.m.
Run Flows	520
Projects	ITLab_ChipSeq
Sample	ITC24, ITC19, ITC23, ITC20
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-68-ITLab_140613_ITC19-20-23-24_96
Analysis Date	June 13, 2014, 8:24 p.m.
Analysis Flows	0
runID	ESTM6

Software Version

Torrent_Suite	4.0.2
host	FW7DQV1
ion-analysis	4.0.6-1
ion-dbreports	4.0.39-1
ion-gpu	4.0.0-1
ion-pipeline	4.0.12-1
ion-plugins	4.0.37-1
ion-protonupdates	4.0.3
ion-torrentr	4.0.4-1
LiveView	1720
DataCollect	2801
OIA	4000
OS	17
Graphics	30