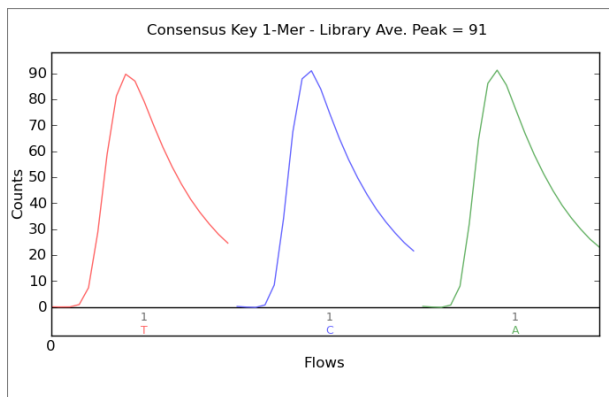
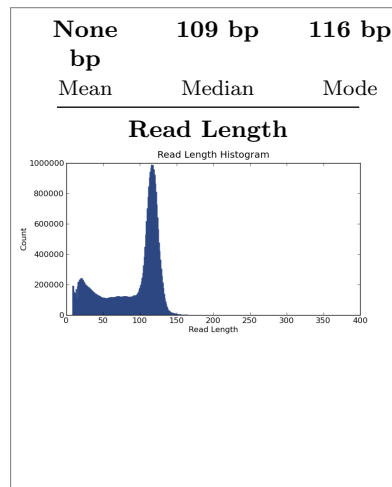
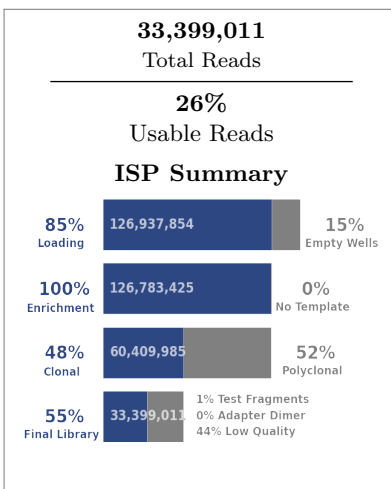
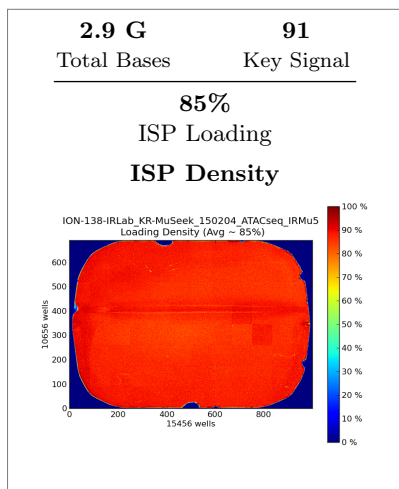


Run Summary



Addressable Wells	148,603,956	
With ISPs	126,937,854	85.4%
Live	126,783,425	99.9%
Test Fragment	561,403	00.4%
Library	126,222,022	99.6%

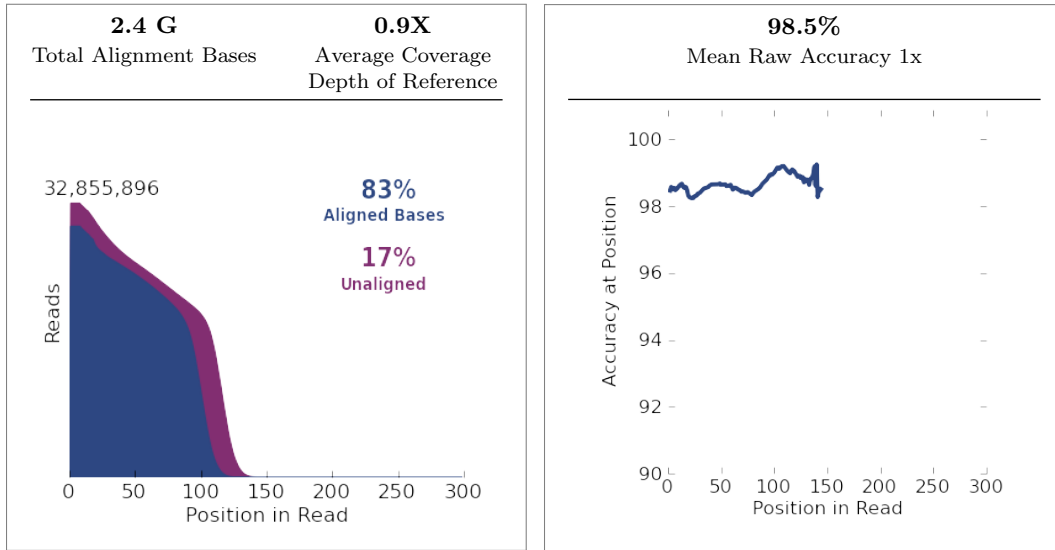
Library ISPs	126,222,022	
Filtered: Polyclonal	66,373,440	52.6%
Filtered: Low Quality	26,463,679	21.0%
Filtered: Primer Dimer	5,330	00.0%
Final Library ISPs	33,399,011	26.5%

Notes: IRLab_KR-1MuSeekSample_IRMu5-Nuclei-bc2

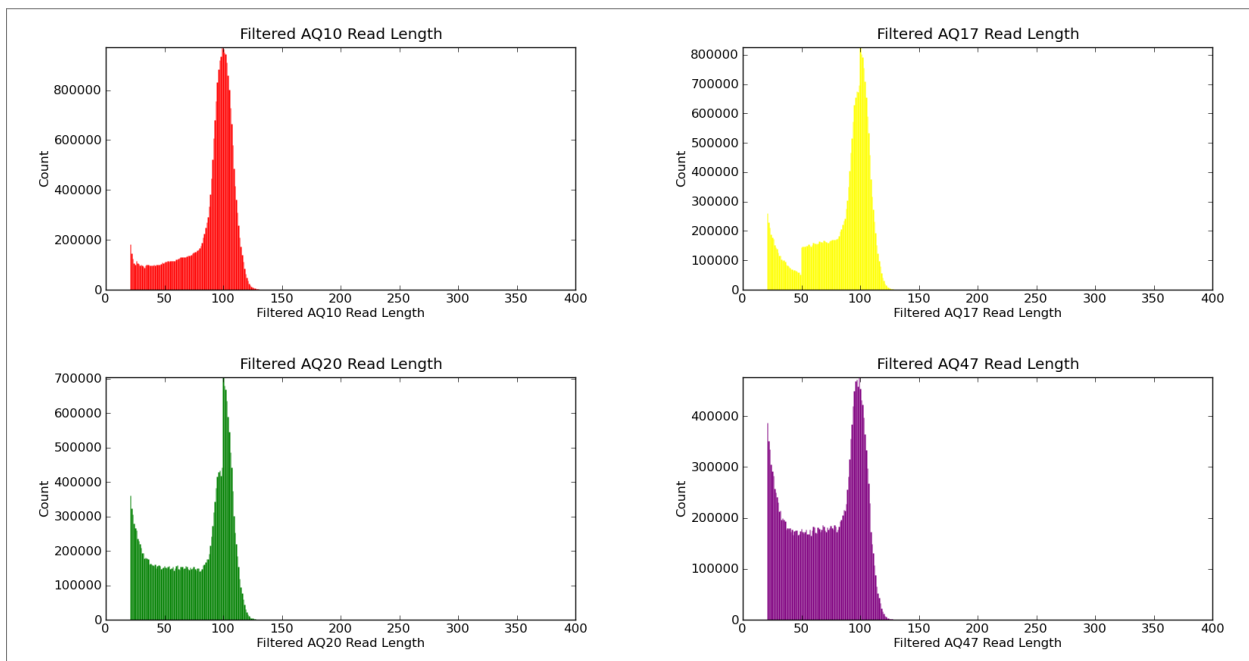
Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	none	54,256,261	41,219,008	539,780	100 bp
MuSeek_002	IRMu5-Nuclei	2,933,285,799	2,244,483,913	32,855,896	89 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	409,746	50%	

Alignment Summary (aligned to *Mus musculus*)



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	2 G	1.6 G	1.5 G
Mean Length [bp]	83	75	70
Longest Alignment [bp]	188	174	166
Mean Coverage Depth	0.8	0.6	0.6



Analysis Details

Run Name	R_2015_02_04_15_42_26_user_ION-138-IRLab_KR-MuSeek_150204_ATACseq_IRMu5
Run Date	Feb. 4, 2015, 3:44 p.m.
Run Flows	520
Projects	IRLab_ATACseq
Sample	IRMu5-Nuclei
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	MuSeek Barcode set 1
Analysis Name	Auto_user_ION-138-IRLab_KR-MuSeek_150204_ATACseq_IRMu5_203
Analysis Date	Feb. 5, 2015, 12:30 a.m.
Analysis Flows	0
runID	W5GVU

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