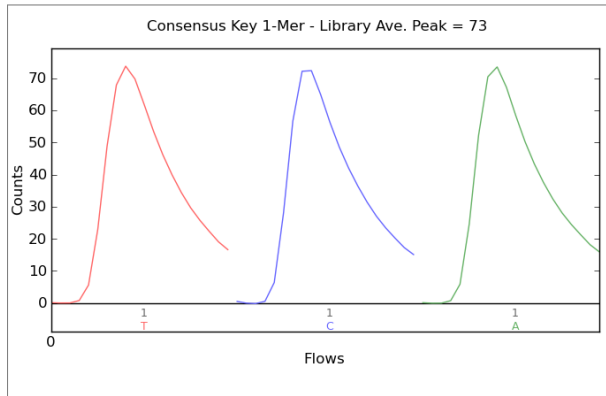
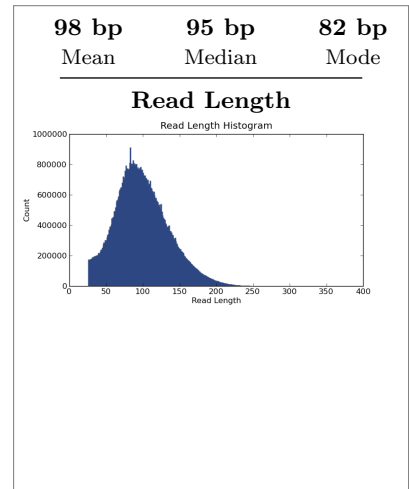
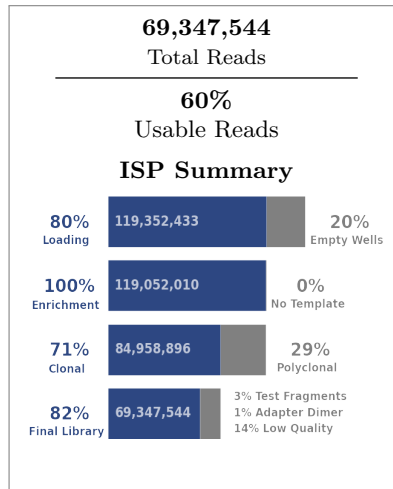
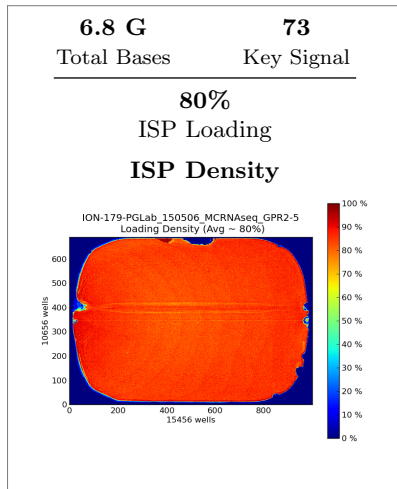


Run Summary



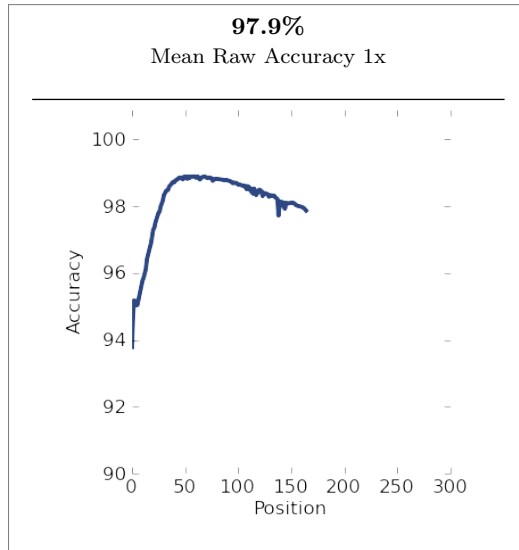
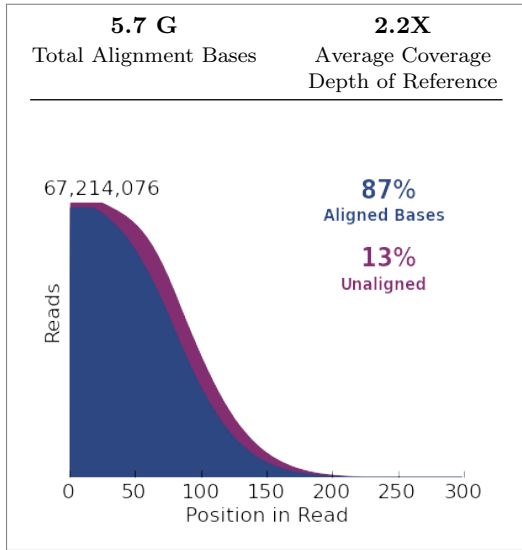
Addressable Wells	148,603,956	
With ISPs	119,352,433	80.3%
Live	119,052,010	99.7%
Test Fragment	3,184,421	02.7%
Library	115,867,589	97.3%
Library ISPs	115,867,589	
Filtered: Polyclonal	34,093,114	29.4%
Filtered: Low Quality	11,812,606	10.2%
Filtered: Primer Dimer	623,205	00.5%
Final Library ISPs	69,347,544	59.9%

Notes: GPlab_MC-8RNAseq_GPR2-TgSal-786-bc2_GPR5-DtrlSal-788-bc5

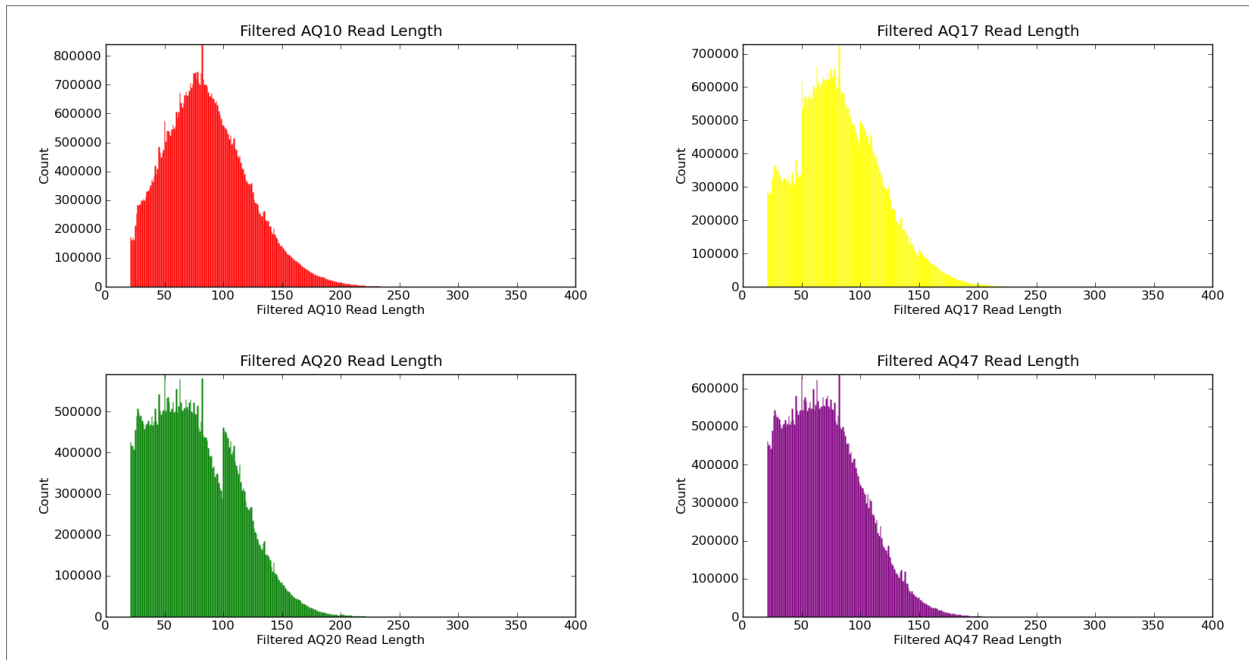
Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	none	193,742,224	148,605,848	1,921,485	101 bp
IonXpressRNA_002	GPR2-786	2,999,494,042	2,557,463,032	32,881,971	91 bp
IonXpressRNA_005	GPR5-788	3,594,640,996	3,023,526,579	34,332,105	105 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	2,598,816	46%	

Alignment Summary *(aligned to Mus musculus)*



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	4.5 G	3.9 G	3.5 G
Mean Length [bp]	82	76	71
Longest Alignment [bp]	277	271	257
Mean Coverage Depth	1.7	1.5	1.4



Analysis Details

Run Name	R.2015.05.06.14.42.12_user_ION-179-PGLab_150506_MCRNAseq_GPR2-5
Run Date	May 6, 2015, 2:44 p.m.
Run Flows	520
Projects	GPlab_RNAseq
Sample	GPR5-788, GPR2-786
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	IonXpressRNA
Analysis Name	Auto_user_ION-179-PGLab_150506_MCRNAseq_GPR2-5_249
Analysis Date	May 6, 2015, 11:50 p.m.
Analysis Flows	0
runID	5OUY5

Chef Summary

Ion Chef was not used for this run |

Software Version

Torrent_Suite	4.4.3
host	FW7DQV1
ion-analysis	4.4.11-1
ion-chefupdates	4.4.5
ion-dbreports	4.4.38-1
ion-gpu	4.4.1-1
ion-pipeline	4.4.15-1
ion-plugins	4.4.23-1
ion-protonupdates	4.4.3
ion-torrentr	4.4.0-1
LiveView	1930
DataCollect	3030
OIA	4402
OS	27
Graphics	38