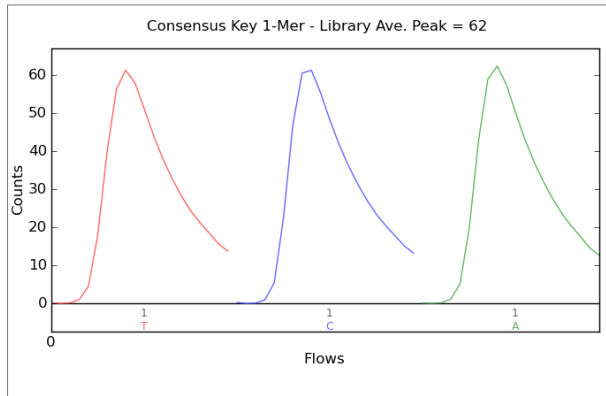
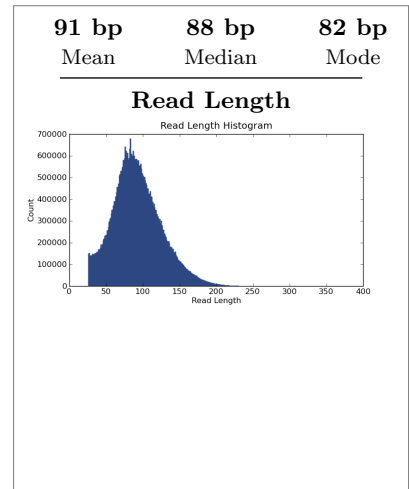
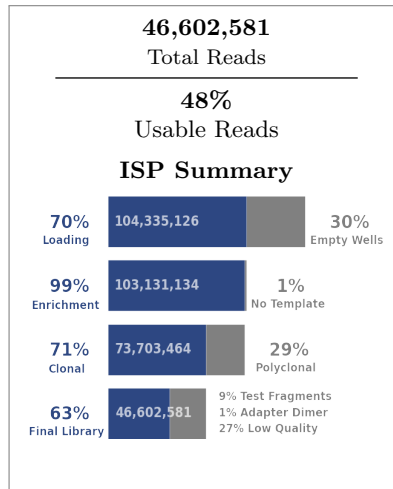
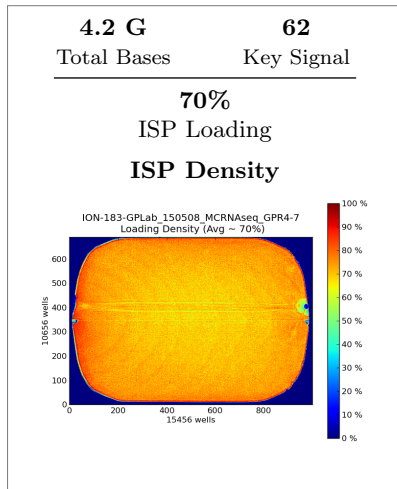


Run Summary



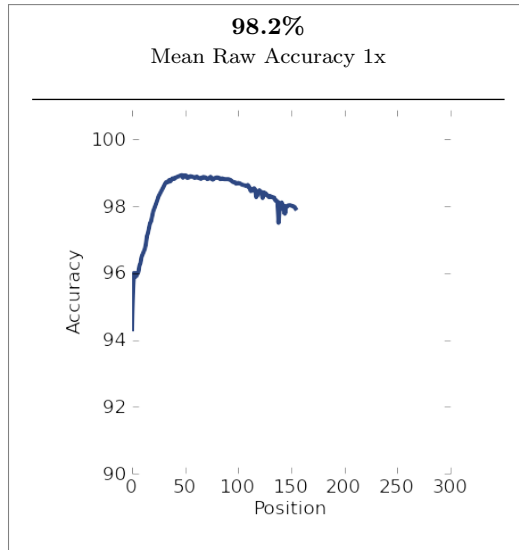
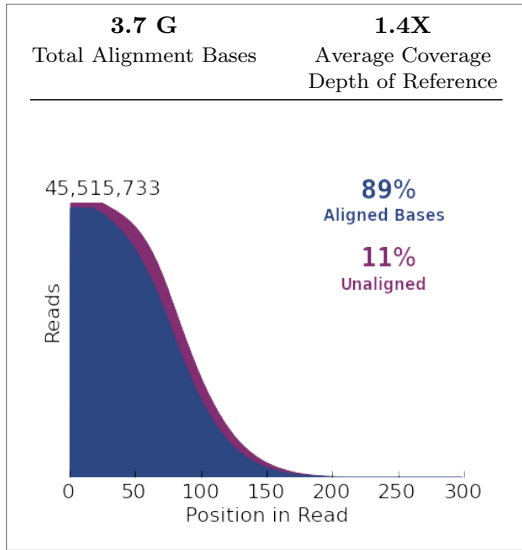
Addressable Wells	148,603,956	
With ISPs	104,335,126	70.2%
Live	103,131,134	98.8%
Test Fragment	7,039,197	06.8%
Library	96,091,937	93.2%
Library ISPs	96,091,937	
Filtered: Polyclonal	29,427,670	30.6%
Filtered: Low Quality	19,292,010	20.1%
Filtered: Primer Dimer	798,842	00.8%
Final Library ISPs	46,602,581	48.5%

Notes: GPLab_MC-8RNAseq_GPR4-TgArs-787B-bc7_GPR7-CtrlArs-784B-bc5

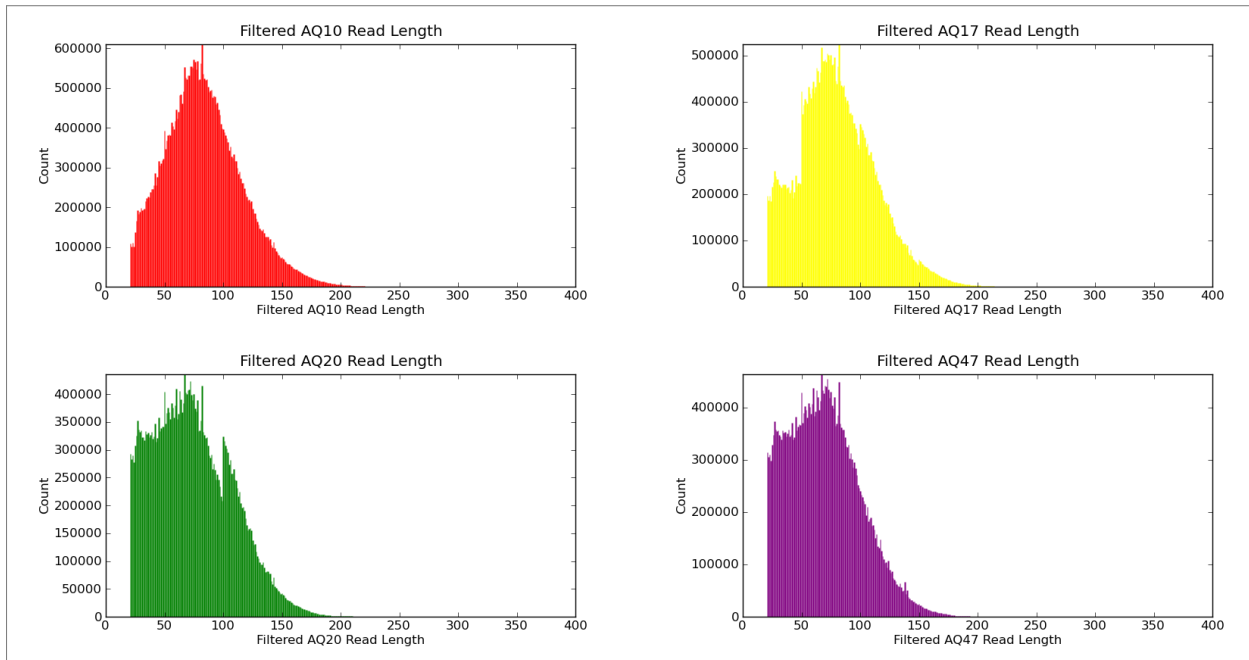
Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	none	81,173,391	53,052,236	1,066,234	76 bp
IonXpressRNA_007	GPR4-787	2,186,444,294	1,837,436,675	22,550,803	97 bp
IonXpressRNA_009	GPR7-784	1,989,248,934	1,692,956,937	22,964,930	87 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	6,593,269	77%	

Alignment Summary (aligned to *Mus musculus*)



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	3 G	2.6 G	2.4 G
Mean Length [bp]	80	74	69
Longest Alignment [bp]	273	264	248
Mean Coverage Depth	1.1	1.0	0.9



Analysis Details

Run Name	R_2015_05_08_14.07.24_user_ION-183-GLab_150508_MCRNAseq_GPR4-7
Run Date	May 8, 2015, 2:09 p.m.
Run Flows	520
Projects	GLab_RNAseq
Sample	GPR4-787, GPR7-784
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-183-GLab_150508_MCRNAseq_GPR4-7_262
Analysis Date	May 8, 2015, 10:44 p.m.
Analysis Flows	0
runID	RIOB0

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