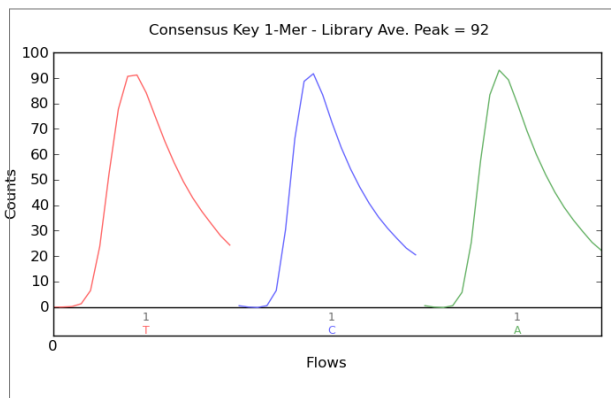
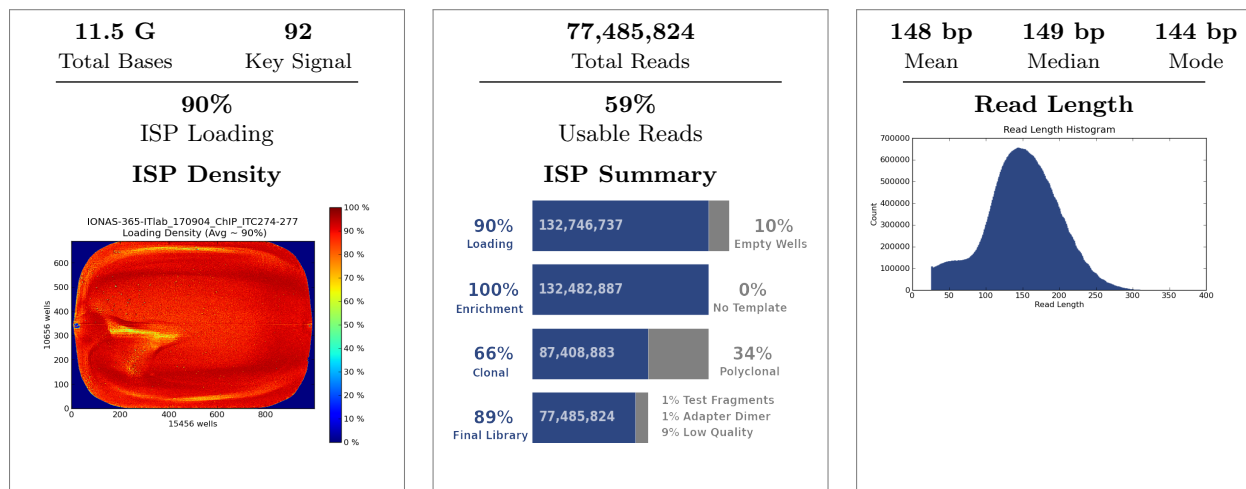


Run Summary



Addressable Wells		148,155,732
With ISPs	132,746,737	89.6%
Live	132,482,887	99.8%
Test Fragment	1,165,103	00.9%
Library	131,317,784	99.1%

Library ISPs		131,317,784
Filtered: Polyclonal	45,074,004	34.3%
Filtered: Low Quality	10,317,912	07.9%
Filtered: Adapter Dimer	720,147	00.5%
Final Library ISPs	77,485,824	59.0%

Notes: ITlab-Tereza_8ChIPseqs_POLII_PartRerunSeq170726

Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	none	138,156,371	98,039,267	1,017,726	136 bp
IonXpress_017	ITC274-PolII-wt3	2,421,866,389	1,905,618,115	16,628,118	146 bp
IonXpress_018	ITC275-PolII-wt4	3,373,650,954	2,632,417,351	22,537,059	150 bp
IonXpress_019	ITC276-PolII-DENwt1	2,777,309,982	2,186,487,736	18,585,014	149 bp
IonXpress_020	ITC277-PolII-DENwt2	2,772,926,748	2,192,283,543	18,715,156	148 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	934,974	77%	

Alignment Summary (*aligned to*)

0	
Total Alignment Bases	Average Coverage Depth of Reference
alignment_rate_plot.png	
Count	%

%	
Mean Raw Accuracy 1x	
base_error_plot.png	

Alignment Quality			
	AQ17	AQ20	Perfect
Total Reads	0	-	
Aligned Reads	0	0	
Total Number of Bases [Mbp]	0	0	0
Mean Length [bp]	0	0	0
Longest Alignment [bp]	0	0	0
Mean Coverage Depth			

Filtered_Alignments_Q10.png

Filtered_Alignments_Q17.png

Filtered_Alignments_Q20.png

Filtered_Alignments_Q47.png

Analysis Details

Run Name	R_2017_09_05_14_47_34_user_IONAS-365-ITlab_170904_ChIP_ITC274-277
Run Date	Sept. 5, 2017, 2:49 p.m.
Run Flows	520
Projects	ITLab_ChipSeq
Sample	ITC274-PolIII-wt3, ITC276-PolIII-DENwt1, ITC277-PolIII-DENwt2, ITC275-PolIII-wt4
Reference	
Instrument	IONAS
Flow Order	TACGTACGTCTGAGCATCGATCGATGTACAGC
Library Key	TCAG
TF Key	ATCG
Chip ID	DACJ02523
Chip Check	Passed
Chip Type	P1.1.17
Chip Data	tiled
Barcode Set	IonXpress
Analysis Name	Auto_user_IONAS-365-ITlab_170904_ChIP_ITC274-277_469
Analysis Date	Sept. 5, 2017, 11:20 p.m.
Analysis Flows	0
runID	JTAPY
BeadFind Args	justBeadFind -beadfind-minlivesnr 3 -region-size=216,224 -total-timeout 600
Analysis Args	Analysis -from-beadfind -clonal-filter-bkgmodel true -region-size=216,224 -bkg-bfmask-update false -gpuWorkLoad 1 -total-timeout 600 -gopt /opt/ion/config/gopt _p 1.1.17 _a mpliseq _e xome.param.json
Pre-BaseCaller Args for calibration	BaseCaller -barcode-filter 0.01 -barcode-filter-minreads 10 -phasing-residual-filter=2.0 -max-phasing-levels 2
Calibration Args	Calibration
BaseCaller Args	BaseCaller -barcode-filter 0.01 -barcode-filter-minreads 10 -phasing-residual-filter=2.0 -num-unfiltered 1000 -barcode-filter-postpone 1
Alignment Args	tmap mapall ... stage1 map4
IonStats Args	ionstats alignment
Analysis Parameters	default

Chef Summary

Chef Template Prep Information:

Chef Last Updated	Sept. 5, 2017, 11:04 a.m.
Chef Instrument Name	CHEF00509
Sample Position	1
Tip Rack Barcode	252170136
Chip Type 1	P1v3
Chip Type 2	P1v3
Chip Expiration 1	Oct2017
Chip Expiration 2	Oct2017
Templating Kit Type	Ion PI IC 200 Kit
Reagent Expiration	151225
Reagent Lot Number	0023442
Reagent Part Number	100023442
Solution Lot Number	0022894
Solution Part Number	100022894
Solution Expiration	01986
Chef Script Version	263
Chef Package Version	IC.5.0.1

Software Version

Torrent_Suite	5.0.5
host	FW7DQV1
ion-analysis	5.0.13-1
ion-chefupdates	5.0.7
ion-dbreports	5.0.34-1
ion-gpu	5.0.0-1
ion-pipeline	5.0.17-1
ion-plugins	5.0.28-1
ion-protonupdates	5.0.3
ion-torrentr	5.0.0-1
Script	2.1.33
LiveView	2045
DataCollect	3220
OIA	5002
OS	30
Graphics	52
Ion.Chef	IC.5.0.1