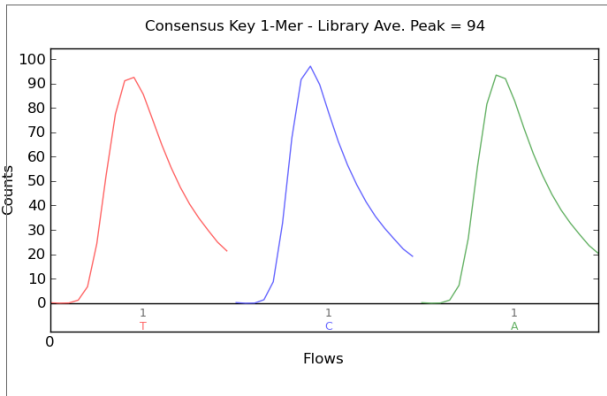
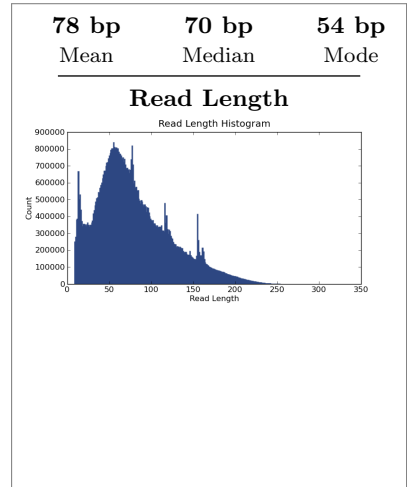
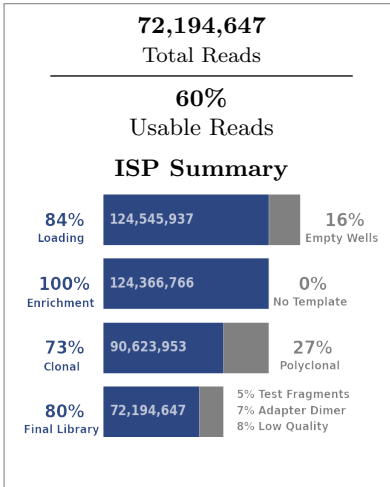
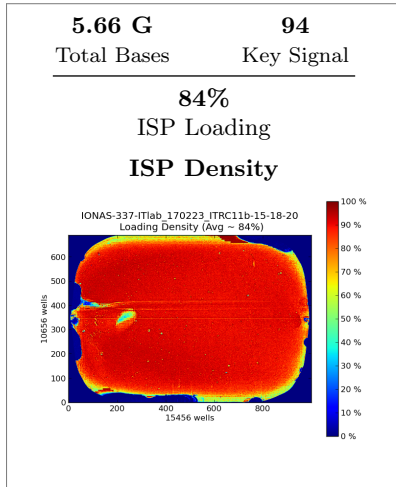


Run Summary



Addressable Wells	148,155,732	
With ISPs	124,545,937	84.1%
Live	124,366,766	99.9%
Test Fragment	4,633,584	03.7%
Library	119,733,182	96.3%
Library ISPs	119,733,182	
Filtered: Polyclonal	33,742,813	28.2%
Filtered: Low Quality	8,372,230	07.0%
Filtered: Adapter Dimer	6,244,491	05.2%
Final Library ISPs	72,194,647	60.3%

Notes: ITlab_TechnicalReplicatesSequencing_ITRC11b-15-18-20_wt-ko_EU-Br

Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	none	144,317,661	80,369,264	3,216,026	45 bp
IonXpressRNA_001	ITRC11b-wt2EUstrep	2,075,925,666	1,674,049,238	22,577,126	92 bp
IonXpressRNA_003	ITRC15-SET8ko1EUstrep	2,026,624,113	1,641,300,996	19,350,852	105 bp
IonXpressRNA_010	ITRC18-wt2Br	713,235,513	602,886,880	14,659,037	49 bp
IonXpressRNA_012	ITRC20-SET8ko2Br	698,601,127	591,163,165	12,384,958	56 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	4,094,029	85%	

Analysis Details

Run Name	R_2017_02_23_13_06_55_user_IONAS-337-ITlab_170223_ITRC11b-15-18-20
Run Date	Feb. 23, 2017, 1:08 p.m.
Run Flows	500
Projects	ITLab_uRNA
Sample	ITRC18-wt2Br, ITRC11b-wt2EUstrep, ITRC15-SET8ko1EUstrep, ITRC20-SET8ko2Br
Reference	
Instrument	IONAS
Flow Order	TACGTACGTCTGAGCATCGATCGATGTACAGC
Library Key	TCAG
TF Key	ATCG
Chip ID	
Chip Check	Passed
Chip Type	P1.1.17
Chip Data	tiled
Barcode Set	IonXpressRNA
Analysis Name	Auto_user_IONAS-337-ITlab_170223_ITRC11b-15-18-20_437
Analysis Date	Feb. 23, 2017, 7:16 p.m.
Analysis Flows	0
runID	OWBXA
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 -min-read-length 8 -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

Ion Chef was not used for this run |

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