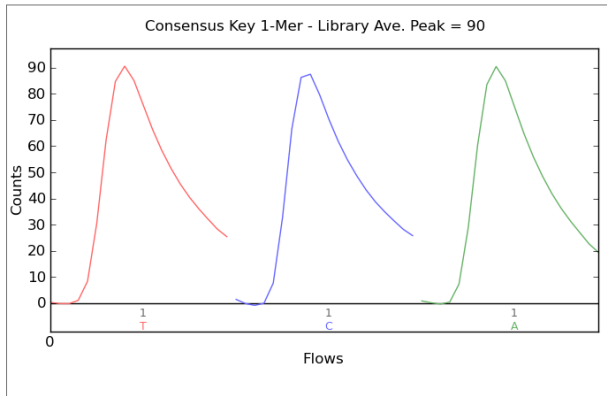
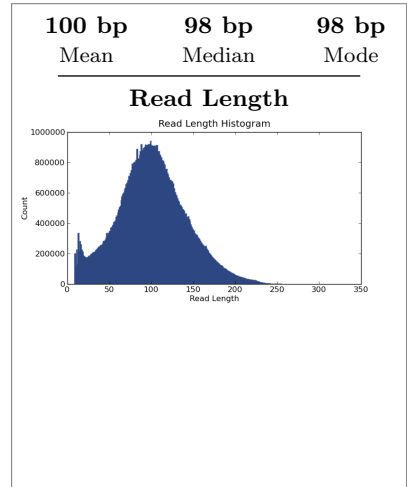
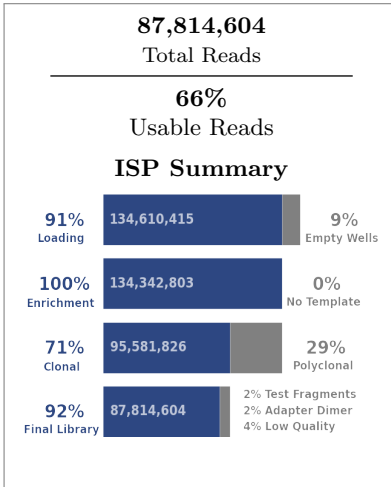
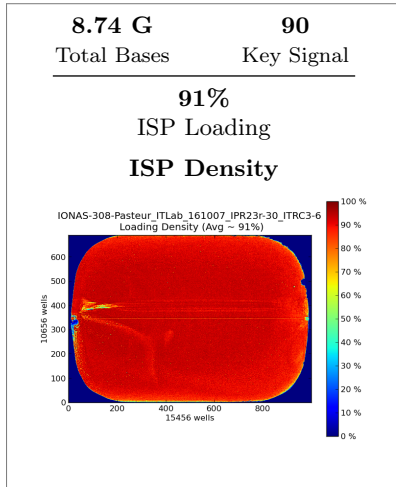


Run Summary



Addressable Wells	148,155,732	
With ISPs	134,610,415	90.9%
Live	134,342,803	99.8%
Test Fragment	1,796,525	01.3%
Library	132,546,278	98.7%
Library ISPs	132,546,278	
Filtered: Polyclonal	38,760,977	29.2%
Filtered: Low Quality	4,874,502	03.7%
Filtered: Adapter Dimer	1,798,124	01.4%
Final Library ISPs	87,814,604	66.3%

Notes: Pasteur_MA-2amples_IPR23r-MEDC_IPR30-MEDB_ITlab_KN-4uRNAs-NRO_ITRC3-wt2_ITRC4-wt3_ITRC5-SET8ko2_ITRC6-SET8ko3

Barcode Name	Sample	Bases	≥ Q20	Reads	Mean Read Length
No barcode	none	1,807,857,771	1,280,183,896	17,654,884	102 bp
IonXpressRNA_009	ITRC3-wt2	30,690,881	22,839,928	308,907	99 bp
IonXpressRNA_010	ITRC4-wt3	15,302,241	11,472,553	152,254	101 bp
IonXpressRNA_011	ITRC5-SET8ko2	2,620,745	1,915,294	28,701	91 bp
IonXpressRNA_012	ITRC6-SET8ko3	36,106,500	27,233,629	362,095	100 bp
IonXpressRNA_015	IPR23r-MEDC	4,045,554,919	3,062,642,056	38,328,385	106 bp
IonXpressRNA_016	IPR30-MEDB	2,804,750,858	2,195,378,256	30,848,104	91 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	1,550,368	82%	

Analysis Details

Run Name	R_2016_10_07_11_09_49_user_IONAS-308-Pasteur_ITLab_161007_IPR23r-30_ITRC3-6
Run Date	Oct. 7, 2016, 11:11 a.m.
Run Flows	500
Projects	ITLab_uRNA , Pasteur_RNAseq
Sample	ITRC3-wt2, IPR23r-MEDC, ITRC5-SET8ko2, ITRC4-wt3, ITRC6-SET8ko3, IPR30-MEDB
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-308-Pasteur_ITLab_161007_IPR23r-30_ITRC3-6_406
Analysis Date	Oct. 7, 2016, 6:17 p.m.
Analysis Flows	0
runID	RTGS7
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_p1.1.17_ampleseq_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