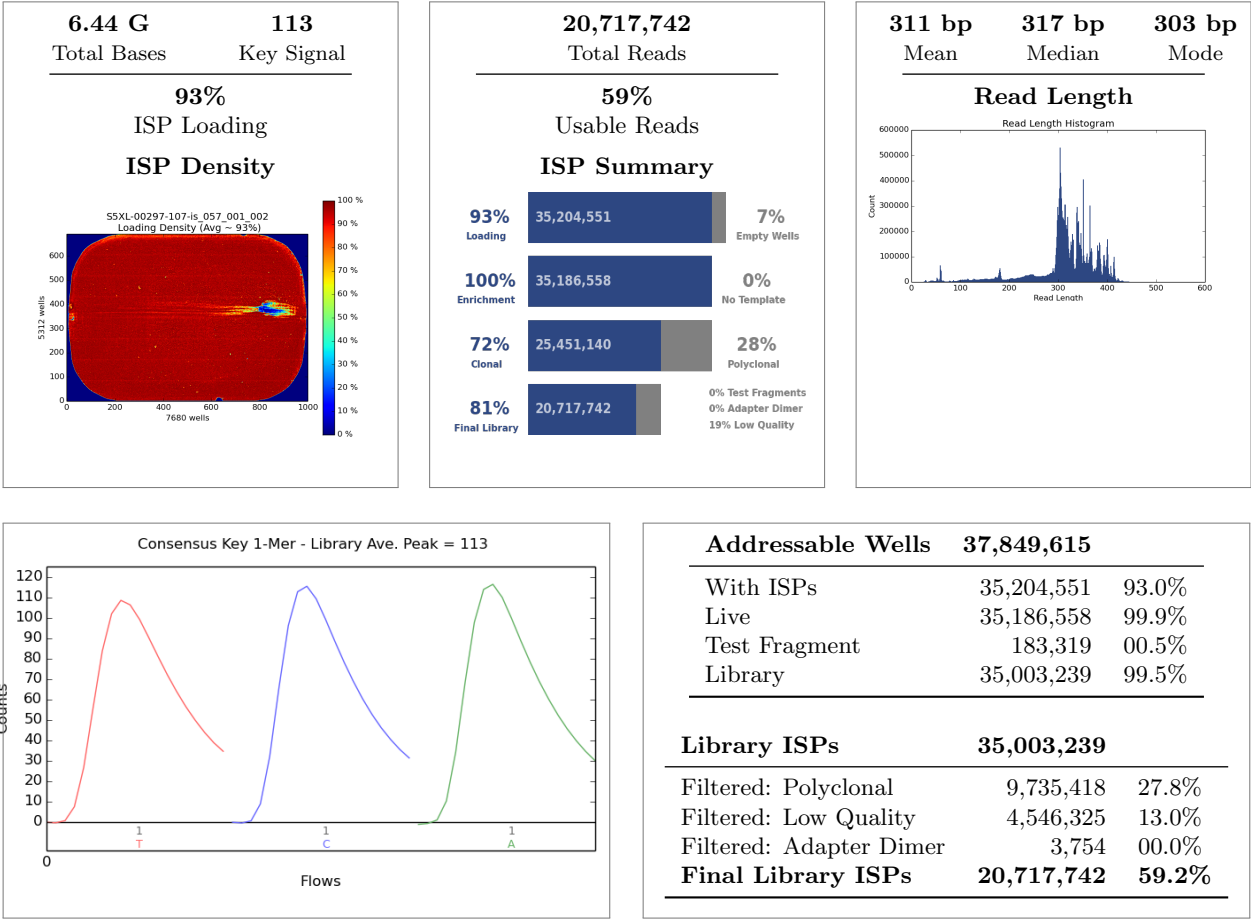
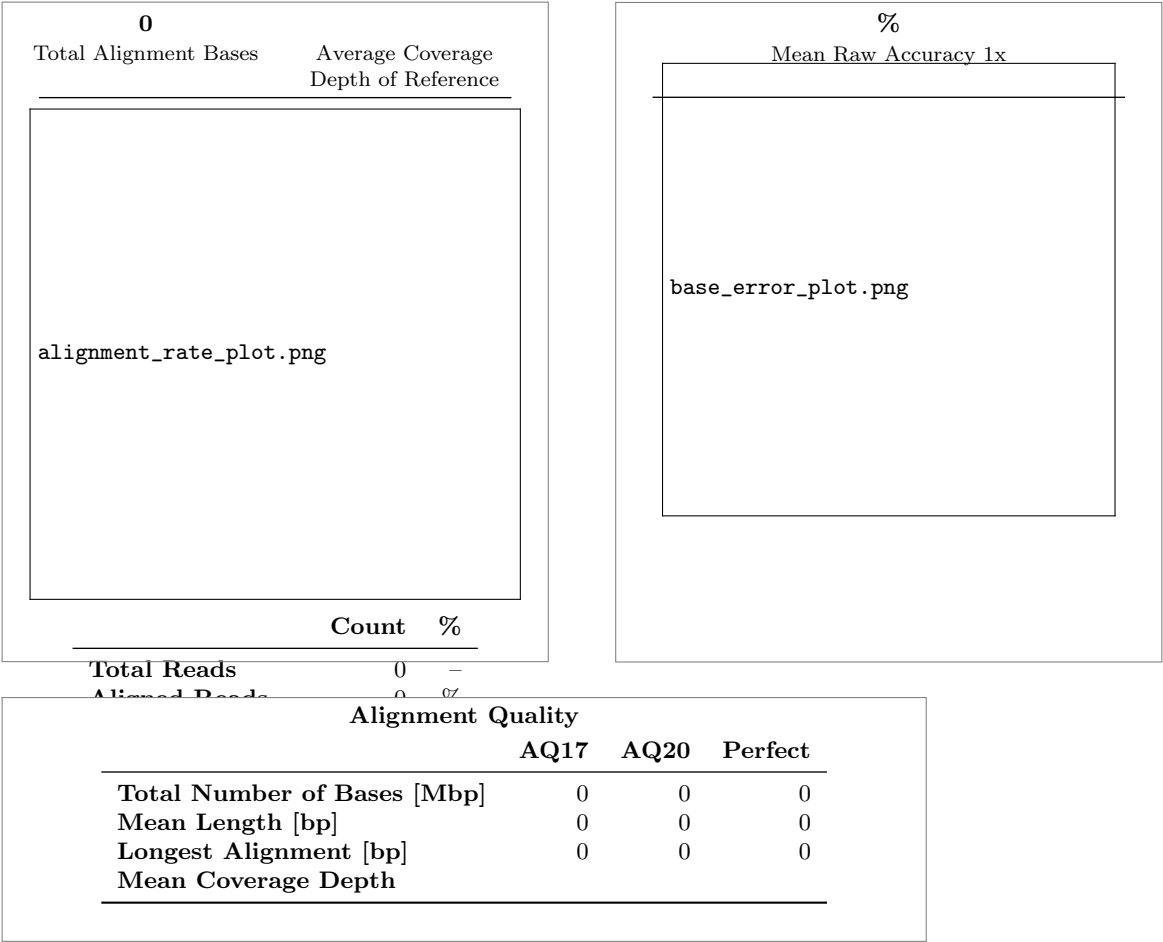


Run Summary



Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_1	822	70	

Alignment Summary (*aligned to*)



Filtered_Alignments_Q10.png

Filtered_Alignments_Q17.png

Filtered_Alignments_Q20.png

Filtered_Alignments_Q47.png

Analysis Details

Run Name	R_2018.04.04_08.08.06_user_S5XL-00297-107-is_057.001.002
Run Date	April 4, 2018, 8:09 a.m.
Run Flows	850
Projects	is_057
Sample	is_057.001
Reference	
Instrument	S5XL-00297
Operation Mode	Customer mode
Flow Order	TACGTACGTCTGAGCATCGATCGATGTACAGC
Library Key	TCAG
TF Key	ATCG
Chip Barcode	
Chip Check	Passed
Chip Type	530
Chip Data	tiled
Chip Lot Number	QPW145
Chip Wafer	23
Barcode Set	
Analysis Name	reanalysis_is_057_no_bc
Analysis Date	April 12, 2018, 12:48 p.m.
Analysis Flows	0
runID	FOHJ1
BeadFind Args	justBeadFind -args-json /opt/ion/config/args_530_beadfind.json
Analysis Args	Analysis -args-json /opt/ion/config/args_530_analysis.json
Pre-BaseCaller	BaseCaller -barcode-filter 0.01 -barcode-filter-minreads 10 -phasing-residual-filter=2.0 -wells-normalization on
Calibration Args	Calibration -num-calibration-regions 1,1
BaseCaller Args	BaseCaller -barcode-filter 0.01 -barcode-filter-minreads 10 -phasing-residual-filter=2.0 -num-unfiltered 1000 -barcode-filter-postpone 1 -qual-filter true -qual-filter-slope 0.040 -qual-filter-offset 1.0 -wells-normalization on
Alignment Args	tmap mapall -q 50000 ... stage1 map4
IonStats Args	ionstats alignment
Analysis Parameters	default

Chef Summary

Chef Template Prep Information:

Chef Last Updated	April 4, 2018, 8:01 a.m.
Chef Instrument Name	CHEF00391
Chef Operation Mode	Customer Mode
Sample Position	1
Tip Rack Barcode	46B150068
Chip Type 1	530v1
Chip Type 2	530v1
Chip Expiration 1	None
Chip Expiration 2	None
Templating Kit Type	Ion 520
amp; Ion 530 Kit-Chef	
Chef Flexible Workflow	
Reagent Expiration	180430
Reagent Lot Number	1880068
Reagent Part Number	A27756C
Reagent Cartridge Serial Number	None
Solution Lot Number	1850861
Solution Part Number	A27754C
Templating Protocol Planned	(use instrument default)
Solution Cartridge Serial Number	None
Solution Expiration	180228
Templating Protocol Executed	(use instrument default)
Chef Script Version	704
Chef Package Version	IC.5.8.0.DEV.7
Start Time	April 3, 2018, 3:28 p.m.
Completion Time	April 4, 2018, 8:01 a.m.

S5 Consumables Summary

Chip Type	530v1
Chip Barcode	DADI00927

Product Description	Part Number	Lot Number	Exp. Date	Remaining Uses
Ion S5 Sequencing Reagent	INS1012841B	1916037	2018/12/31	1
Ion S5 Cleaning Solution	100031096	1911361	2018/09/30	2
Ion S5 Wash Solution	100031091B	1911386	2018/09/30	1

Software Version

Torrent_Suite	5.8.0.RC2
host	4JJFW52
ion-analysis	5.8.10-1
ion-chefupdates	5.8.1
ion-dbreports	5.8.19-1
ion-gpu	5.8.1-1
ion-pipeline	5.8.2-1
ion-plugins	5.8.12-1
ion-protonupdates	5.8.0
ion-s5updates	5.8.0
ion-torrentpy	5.8.10-1
ion-torrentr	5.8.10-1
S5 Script	0.1.31
LiveView	2348
DataCollect	3548
OIA	5810
OS	34
Graphics	89
Ion_Chef	IC.5.8.0.DEV.7