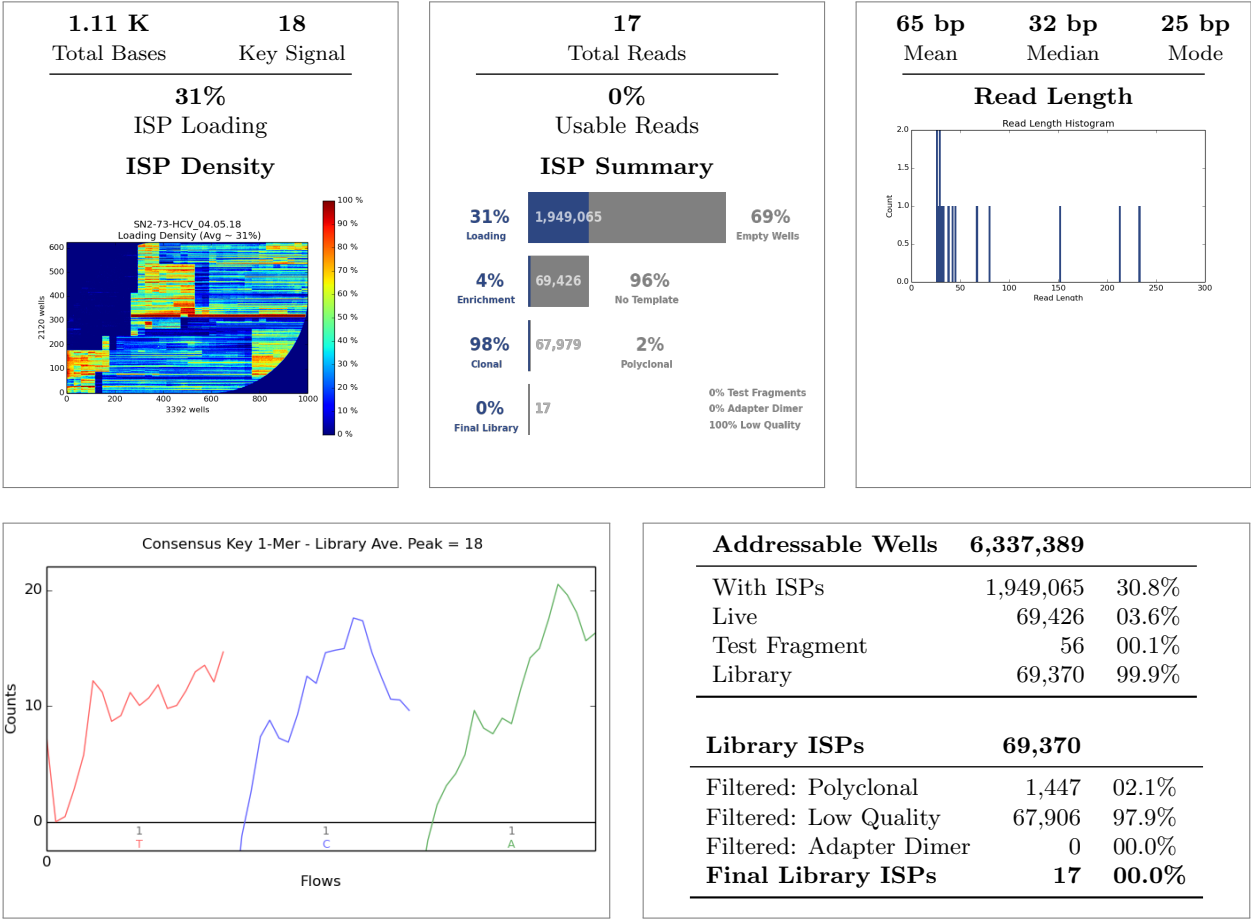
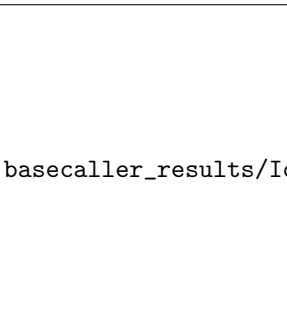


Run Summary



Barcode Name	Sample	Bases	≥ Q20	Reads	Mean Read Length	Read Length Histogram
No barcode	none	1,112	663	17	65 bp	
IonXpress.001	Sample 1	0	0	0	N/A	

						basecaller_results/IonXpr
IonXpress.002	Sample 2	0	0	0	N/A	
						basecaller_results/IonXpr
IonXpress.003	Sample 3	0	0	0	N/A	
						basecaller_results/IonXpr
IonXpress.004	Sample 4	0	0	0	N/A	
						basecaller_results/IonXpr
IonXpress.005	Sample 5	0	0	0	N/A	

IonXpress.006	Sample 6	0	0	0	N/A
---------------	----------	---	---	---	-----

basecaller_results/IonXpr

IonXpress.007	Sample 7	0	0	0	N/A
---------------	----------	---	---	---	-----

basecaller_results/IonXpr

IonXpress.008	Sample 8	0	0	0	N/A
---------------	----------	---	---	---	-----

basecaller_results/IonXpr

IonXpress.009	Sample 9	0	0	0	N/A
---------------	----------	---	---	---	-----

basecaller_results/IonXpr

IonXpress.010	Sample 10	0	0	0	N/A	basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
IonXpress.011	Sample 11	0	0	0	N/A	basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
IonXpress.012	Sample 12	0	0	0	N/A	basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
IonXpress.013	Sample 13	0	0	0	N/A	basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr

IonXpress.014	Sample 14	0	0	0	N/A
---------------	-----------	---	---	---	-----

basecaller_results/IonXpr

IonXpress.015	Sample 15	0	0	0	N/A
---------------	-----------	---	---	---	-----

basecaller_results/IonXpr

IonXpress.016	Sample 16	0	0	0	N/A
---------------	-----------	---	---	---	-----

basecaller_results/IonXpr

IonXpress.017	Sample 17	0	0	0	N/A
---------------	-----------	---	---	---	-----

basecaller_results/IonXpr

IonXpress.018	Sample 18	0	0	0	N/A	basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
IonXpress.019	Sample 19	0	0	0	N/A	basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
IonXpress.020	Sample 20	0	0	0	N/A	basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
IonXpress.021	Sample 21	0	0	0	N/A	basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr

IonXpress.022	Sample 22	0	0	0	N/A	basecaller_results/IonXpr
IonXpress.023	Sample 23	0	0	0	N/A	basecaller_results/IonXpr
IonXpress.024	Sample 24	0	0	0	N/A	basecaller_results/IonXpr
IonXpress.025	Sample 25	0	0	0	N/A	basecaller_results/IonXpr

IonXpress.026 Sample 26 0 0 0 N/A

basecaller_results/IonXpr

IonXpress.027 Sample 27 0 0 0 N/A

basecaller_results/IonXpr

IonXpress.028 Sample 28 0 0 0 N/A

basecaller_results/IonXpr

IonXpress.029 Sample 29 0 0 0 N/A

basecaller_results/IonXpr

IonXpress.030	Sample 30	0	0	0	N/A	basecaller_results/IonXpr
IonXpress.031	Sample 31	0	0	0	N/A	basecaller_results/IonXpr
IonXpress.032	Sample 32	0	0	0	N/A	basecaller_results/IonXpr
IonXpress.033	Sample 33	0	0	0	N/A	basecaller_results/IonXpr

IonXpress.034 Sample 34 0 0 0 N/A

basecaller_results/IonXpr

IonXpress.035 Sample 35 0 0 0 N/A

basecaller_results/IonXpr

IonXpress.036 Sample 36 0 0 0 N/A

basecaller_results/IonXpr

IonXpress.037 Sample 37 0 0 0 N/A

basecaller_results/IonXpr

IonXpress.038 Sample 38 0 0 0 N/A

basecaller_results/IonXpr

IonXpress.039 Sample 39 0 0 0 N/A

basecaller_results/IonXpr

IonXpress.040 Sample 40 0 0 0 N/A

basecaller_results/IonXpr

IonXpress.041 Sample 41 0 0 0 N/A

basecaller_results/IonXpr

IonXpress.042	Sample 42	0	0	0	N/A	basecaller_results/IonXpr
IonXpress.043	Sample 43	0	0	0	N/A	basecaller_results/IonXpr
IonXpress.044	Sample 44	0	0	0	N/A	basecaller_results/IonXpr
IonXpress.045	Sample 45	0	0	0	N/A	basecaller_results/IonXpr

IonXpress.046	Sample 46	0	0	0	N/A	basecaller_results/IonXpr
IonXpress.047	Sample 47	0	0	0	N/A	basecaller_results/IonXpr
IonXpress.048	Sample 48	0	0	0	N/A	basecaller_results/IonXpr
IonXpress.049	Sample 49	0	0	0	N/A	basecaller_results/IonXpr

IonXpress.050	Sample 50	0	0	0	N/A	basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
IonXpress.051	Sample 51	0	0	0	N/A	basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
IonXpress.052	Sample 52	0	0	0	N/A	basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
IonXpress.053	Sample 53	0	0	0	N/A	basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr

IonXpress.054	Sample 54	0	0	0	N/A
---------------	-----------	---	---	---	-----

basecaller_results/IonXpr

IonXpress.055	Sample 55	0	0	0	N/A
---------------	-----------	---	---	---	-----

basecaller_results/IonXpr

IonXpress.056	Sample 56	0	0	0	N/A
---------------	-----------	---	---	---	-----

basecaller_results/IonXpr

IonXpress.057	Sample 57	0	0	0	N/A
---------------	-----------	---	---	---	-----

basecaller_results/IonXpr

IonXpress.058	Sample 58	0	0	0	N/A
IonXpress.059	Sample 59	0	0	0	N/A
IonXpress.060	Sample 60	0	0	0	N/A
IonXpress.061	Sample 61	0	0	0	N/A

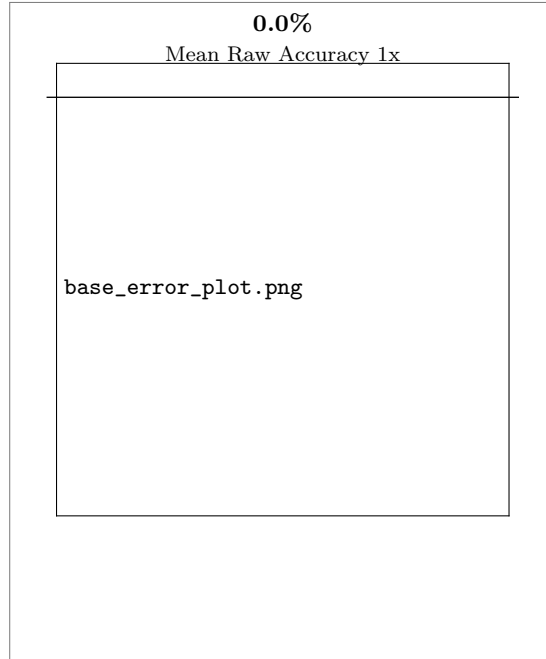
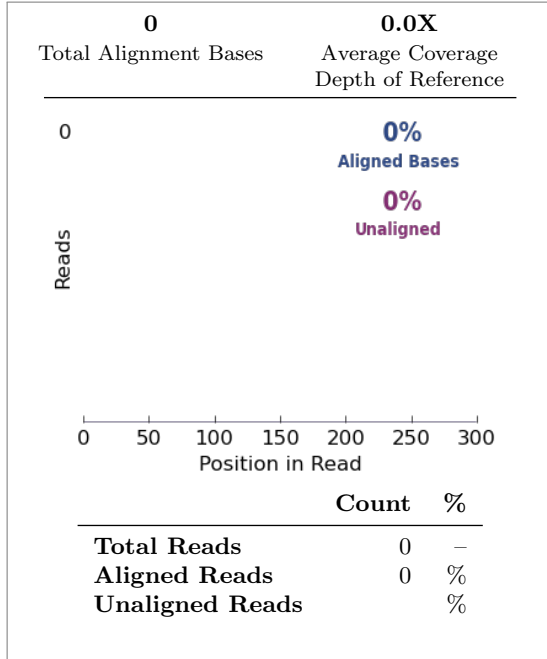
basecaller_results/IonXpr

basecaller_results/IonXpr

basecaller_results/IonXpr

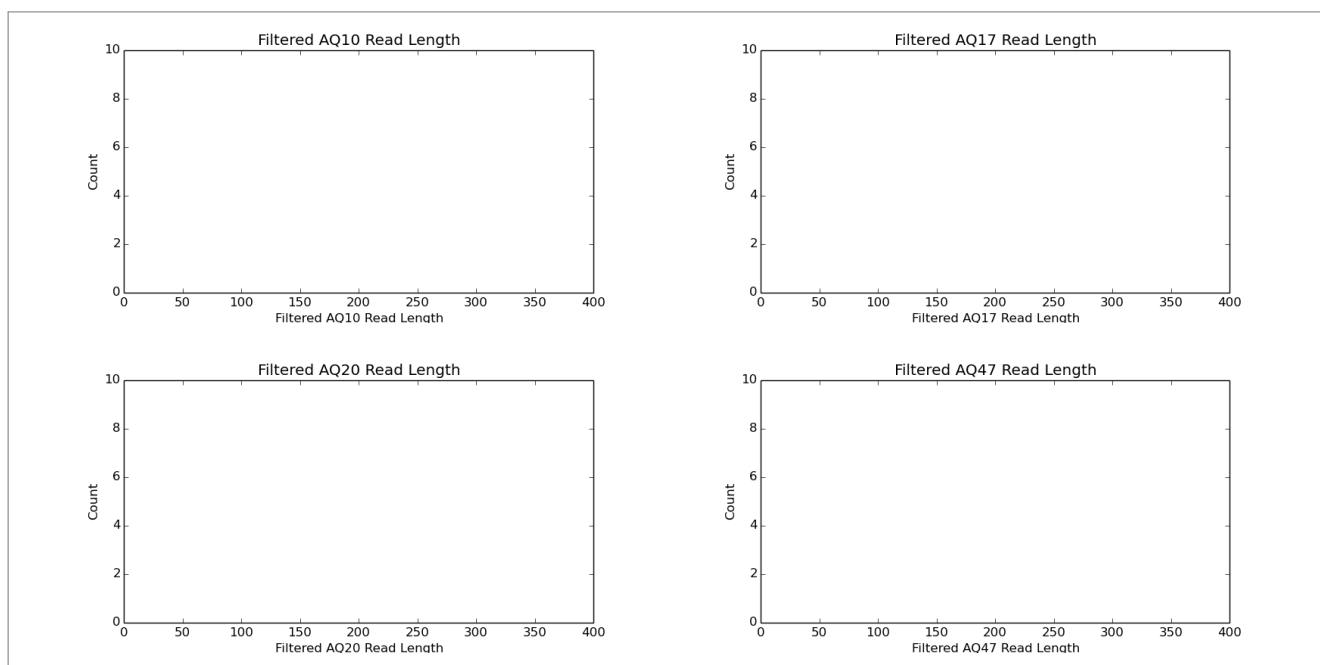
basecaller_results/IonXpr

IonXpress.062	Sample 62	0	0	0	N/A	basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
IonXpress.063	Sample 63	0	0	0	N/A	basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr
IonXpress.064	Sample 64	0	0	0	N/A	basecaller_results/IonXpr
						basecaller_results/IonXpr
						basecaller_results/IonXpr

Alignment Summary (*aligned to hepatitis C cepa 1b*)

Alignment Quality			
	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	0	0	0
Mean Length [bp]	0	0	0
Longest Alignment [bp]	0	0	0
Mean Coverage Depth	0.0	0.0	0.0

Run Report for Auto_user_SN2-73-HCV_04.05.18_282



coverageAnalysis

No valid barcode alignment files were found for this barcoded run.

Analysis Details

Run Name	R_2018.05.04.18.12.06_user_SN2-73-HCV_04.05.18
Run Date	May 4, 2018, 6:12 p.m.
Run Flows	400
Projects	hcv.ISA
Sample	Sample_62, Sample_48, Sample_43, Sample_42, Sample_18, Sample_19, Sample_64, Sample_14, Sample_15, Sample_16, Sample_17, Sample_10, Sample_11, Sample_12, Sample_13, Sample_36, Sample_37, Sample_34, Sample_35, Sample_32, Sample_33, Sample_30, Sample_31, Sample_58, Sample_59, Sample_38, Sample_39, Sample_49, Sample_60, Sample_63, Sample_50, Sample_51, Sample_52, Sample_53, Sample_54, Sample_56, Sample_55, Sample_25, Sample_24, Sample_27, Sample_26, Sample_21, Sample_20, Sample_23, Sample_22, Sample_47, Sample_46, Sample_45, Sample_44, Sample_9, Sample_6, Sample_7, Sample_4, Sample_5, Sample_2, Sample_3, Sample_1, Sample_29, Sample_28, Sample_41, Sample_40, Sample_61, Sample_57, Sample_8
Reference	
Instrument	sn274670874
Operation Mode	Customer mode
Flow Order	TACGTACGTCTGAGCATCGATCGATGTACAGC
Library Key	TCAG
TF Key	ATCG
Chip Barcode	AA0597272
Chip Check	Passed
Chip Type	316v2
Chip Data	single
Chip Lot Number	Missing
Chip Wafer	Missing
Barcode Set	IonXpress
Analysis Name	Auto_user_SN2-73-HCV_04.05.18_282
Analysis Date	May 4, 2018, 2:43 p.m.
Analysis Flows	400
runID	B3SWY
BeadFind Args	justBeadFind -args-json /opt/ion/config/args.316v2.beadfind.json
Analysis Args	Analysis -args-json /opt/ion/config/args.316v2.analysis.json -gopt /opt/ion/config/gopt.316v2.Hi-Q.param.json
Pre-BaseCaller	BaseCaller -barcode-filter 0.01 -barcode-filter-minreads 20
Calibration Args	Calibration
BaseCaller Args	BaseCaller -barcode-filter 0.01 -barcode-filter-minreads 20 -phred-table-file /opt/ion/config/phredTable.316v2.B5.h5
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	5.8.0
host	2C6WK02
ion-analysis	5.8.17-1
ion-dbreports	5.8.54-1
ion-gpu	5.8.1-1
ion-pipeline	5.8.7-1
ion-torrentpy	5.8.17-1
ion-torrentr	5.8.17-1
Script	22.0.0
LiveView	654
DataCollect	489
OS	21
Graphics	36