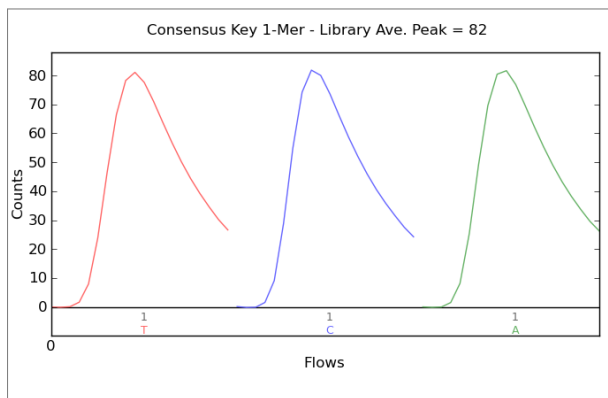
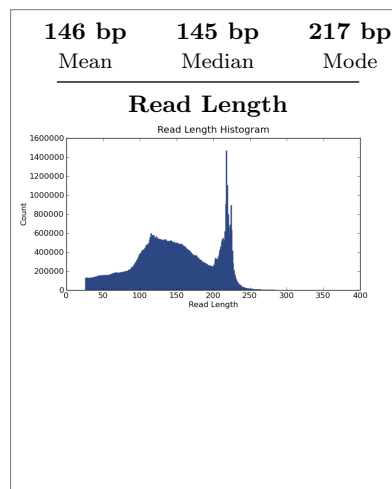
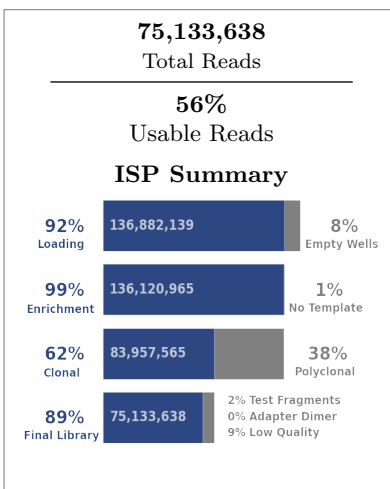
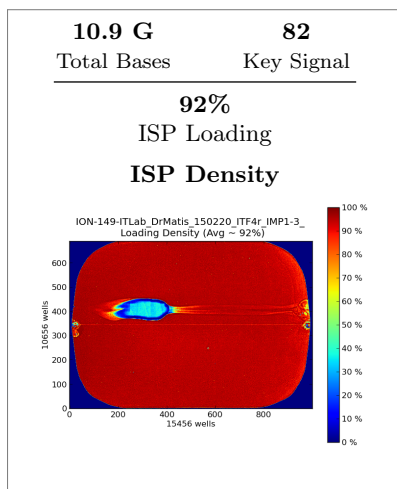


Run Summary



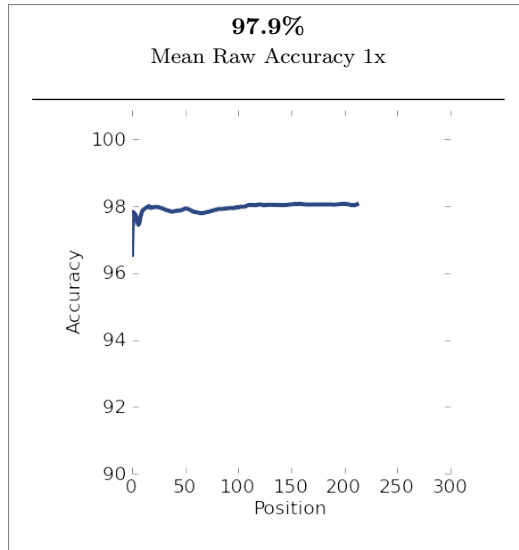
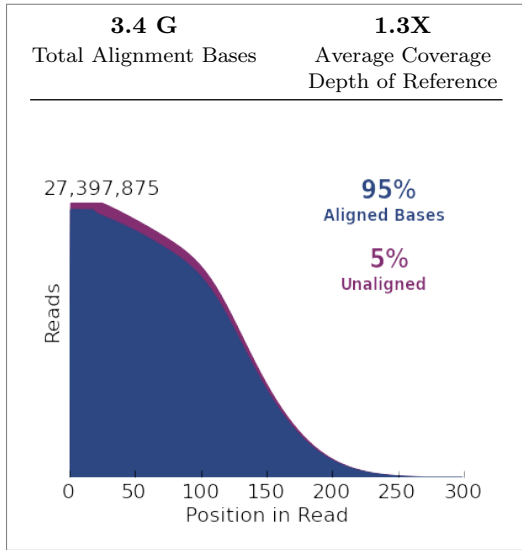
Addressable Wells	148,603,956	
With ISPs	136,882,139	92.1%
Live	136,120,965	99.4%
Test Fragment	1,409,998	01.0%
Library	134,710,967	99.0%
Library ISPs	134,710,967	
Filtered: Polyclonal	52,163,400	38.7%
Filtered: Low Quality	8,334,410	06.2%
Filtered: Primer Dimer	106,349	00.1%
Final Library ISPs	75,133,638	55.8%

Notes: ITlab_YK12FaireSamples_ITF4r-InputHNFaKO1-bc6_DrMatis_3samples_IMP1_4-5-6-7PeptideLinary-bc9_IMP2_A4VRound4-bc11_IMP3_Ab42Round2-bc15

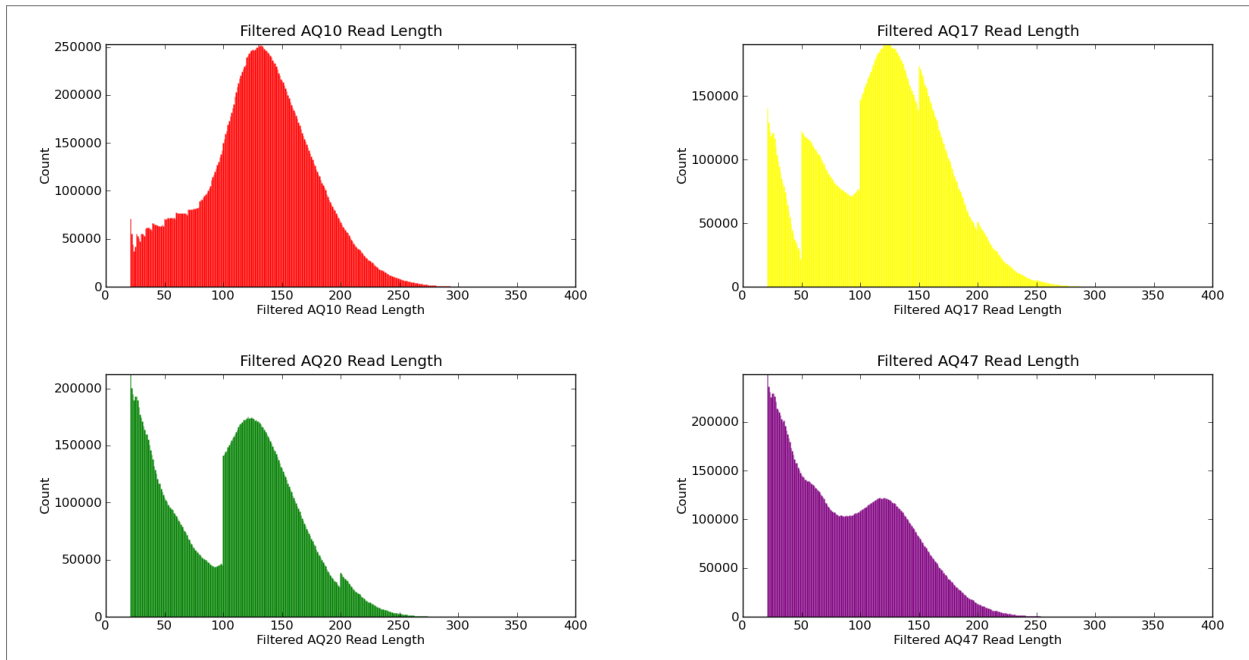
Barcode Name	Sample	Bases	≥ Q20	Reads	Mean Read Length
No barcode	none	332,248,640	232,757,621	2,524,449	132 bp
IonXpress_006	ITF4r-InputHNFaKO1	3,590,324,462	2,877,569,428	27,397,875	131 bp
IonXpress_009	IMP1_4-5-6-7PeptideLinary	2,545,863,026	1,964,560,310	16,102,381	158 bp
IonXpress_011	IMP2_A4VRound4	2,323,139,225	1,805,255,067	15,233,125	153 bp
IonXpress_015	IMP3_Ab42Round2	2,185,310,945	1,660,182,847	13,825,029	158 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	1,003,303	49%	

Alignment Summary (aligned to *Mus musculus*)



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	2.6 G	2.1 G	1.7 G
Mean Length [bp]	119	106	88
Longest Alignment [bp]	331	319	306
Mean Coverage Depth	1.0	0.8	0.6



Analysis Details

Run Name	R_2015.02.20_12.55.13_user_ION-149-ITLab_DrMatis_150220_ITF4r_IMP1-3_
Run Date	Feb. 20, 2015, 12:58 p.m.
Run Flows	520
Projects	DrMatis_DNA , ITLab_FaireSeq
Sample	ITF4r-InputHNFaKO1, IMP2_A4VRound4, IMP3_Ab42Round2, IMP1_4-5-6-7PeptideLinrary
Reference	
Instrument	IONAS
Flow Order	TACGTACGTCTGAGCATCGATCGATGTACAGC
Library Key	TCAG
TF Key	ATCG
Chip Check	Passed
Chip Type	P1.1.17
Chip Data	tiled
Barcode Set	IonXpress
Analysis Name	Auto_user_ION-149-ITLab_DrMatis_150220_ITF4r_IMP1-3_214
Analysis Date	Feb. 21, 2015, 1:06 a.m.
Analysis Flows	0
runID	ETB1X

Chef Summary

Ion Chef was not used for this run |

Software Version

Torrent_Suite	4.4
host	FW7DQV1
ion-analysis	4.4.6-1
ion-chefupdates	4.4.3
ion-dbreports	4.4.22-1
ion-gpu	4.4.1-1
ion-pipeline	4.4.9-1
ion-plugins	4.4.12-1
ion-protonupdates	4.4.3
ion-torrentr	4.4.0-1
LiveView	1930
DataCollect	3030
OIA	4402
OS	27
Graphics	38