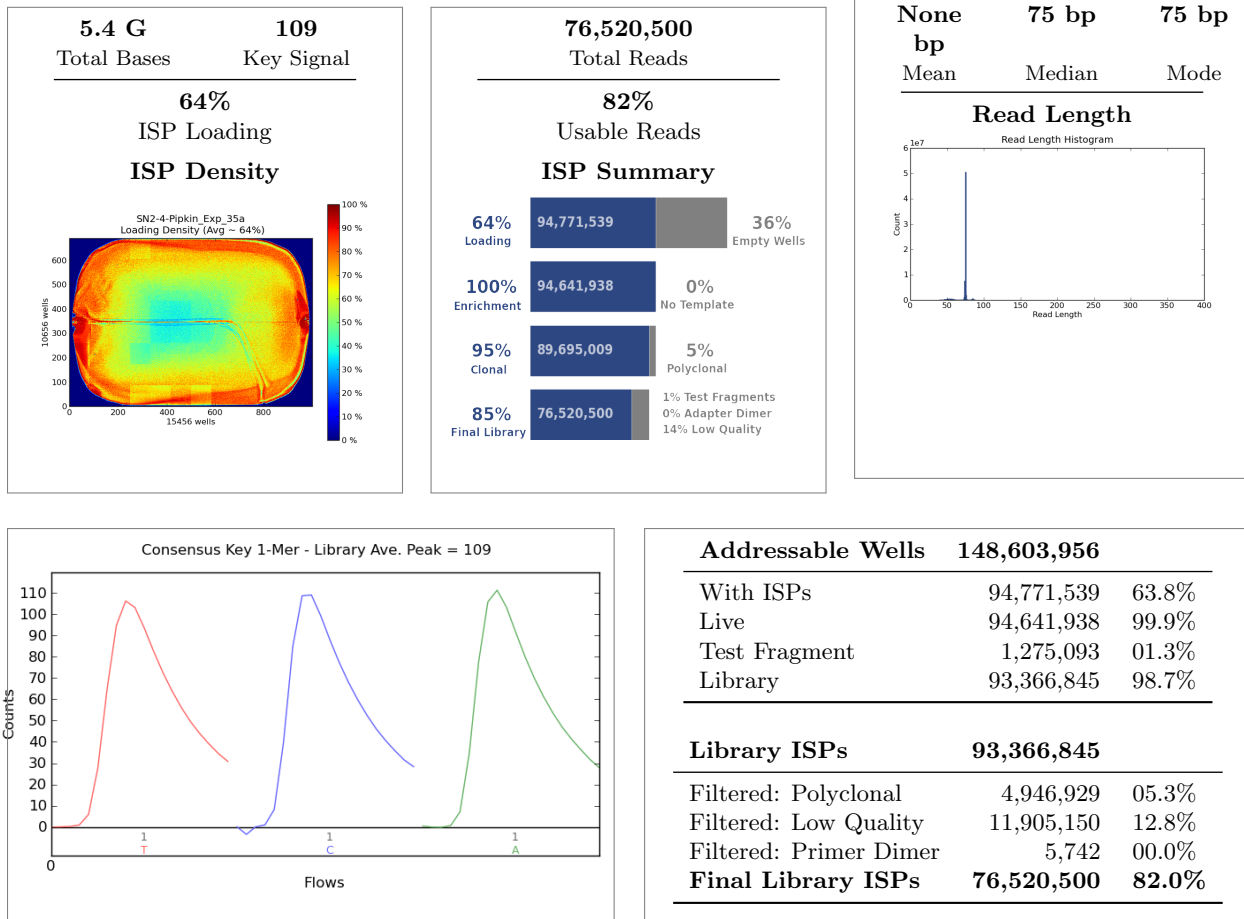


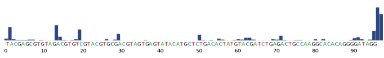
Run Summary



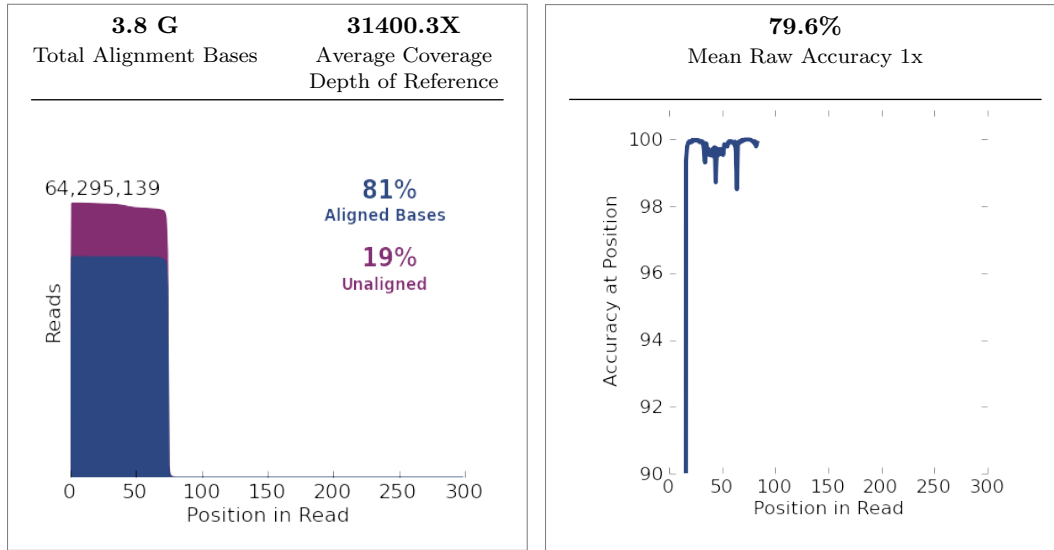
| Barcode Name | Sample | Bases | $\geq Q20$ | Reads | Mean Read Length |
|--------------|-------------|-------------|-------------|------------|------------------|
| No barcode | none | 733,179,044 | 475,135,935 | 12,225,361 | 59 bp |
| BC_1 | Input 1-7 | 325,056,797 | 299,135,534 | 4,438,817 | 73 bp |
| BC_2 | P1-7 Q1 | 313,841,319 | 286,785,970 | 4,291,764 | 73 bp |
| BC_3 | P1-7 Q2 | 269,216,092 | 246,308,280 | 3,672,418 | 73 bp |
| BC_4 | P1-7 Q3 | 351,377,422 | 321,505,657 | 4,818,989 | 72 bp |
| BC_5 | P1-7 Q4 | 287,535,374 | 262,791,192 | 3,929,805 | 73 bp |
| BC_6 | Input 8-14 | 348,259,373 | 317,131,966 | 4,753,432 | 73 bp |
| BC_7 | P8-14 Q1 | 320,894,819 | 293,541,799 | 4,377,593 | 73 bp |
| BC_8 | P8-14 Q2 | 258,578,392 | 236,360,407 | 3,524,610 | 73 bp |
| BC_9 | P8-14 Q3 | 393,549,131 | 355,552,248 | 5,400,368 | 72 bp |
| BC_10 | P8-14 Q4 | 279,650,113 | 255,508,504 | 3,806,412 | 73 bp |
| BC_11 | Input 15-21 | 367,366,170 | 334,181,705 | 5,037,487 | 72 bp |

Run Report for Auto_user_SN2-4-Pipkin_Exp_35a_41

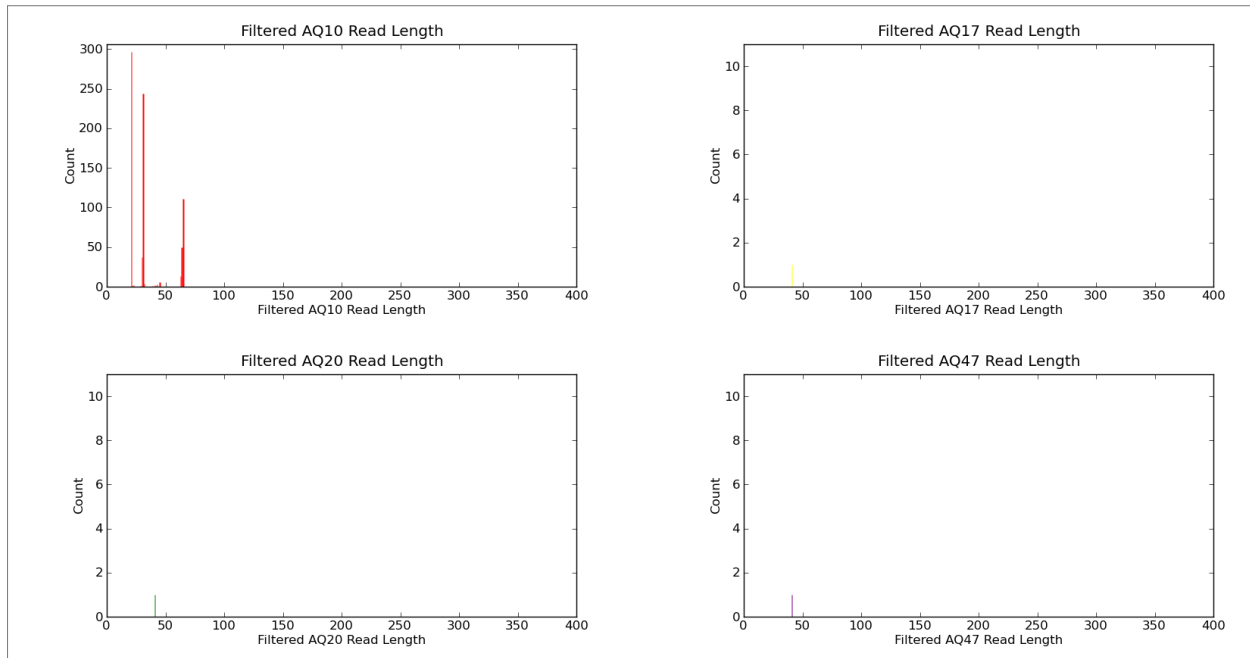
| | | | | | |
|-------|-----------|-------------|-------------|-----------|-------|
| BC_12 | P15-21 Q1 | 334,681,973 | 301,022,325 | 4,565,878 | 73 bp |
| BC_13 | P15-21 Q2 | 276,782,980 | 252,185,329 | 3,784,176 | 73 bp |
| BC_14 | P15-21 Q3 | 329,245,101 | 300,540,901 | 4,492,707 | 73 bp |
| BC_15 | P15-21 Q4 | 248,448,638 | 226,458,163 | 3,400,683 | 73 bp |

| Test Fragment | Reads | Percent 50AQ17 | Read Length Histogram |
|---------------|------------------|----------------|--|
| TF_C | 1,170,570 | 62% |  |

Alignment Summary (*aligned to chromatinRegSHRNA_ref*)



| | AQ17 | AQ20 | Perfect |
|-----------------------------|------|------|---------|
| Total Number of Bases [Mbp] | 41 | 41 | 41 |
| Mean Length [bp] | 41 | 41 | 41 |
| Longest Alignment [bp] | 41 | 41 | 41 |
| Mean Coverage Depth | 0.0 | 0.0 | 0.0 |



Analysis Details

| | |
|----------------|--|
| Run Name | R.2014.07_31_07_23.08_user_SN2-4-Pipkin_Exp_35a |
| Run Date | July 31, 2014, 7:25 a.m. |
| Run Flows | 520 |
| Projects | Pipkin_screen1 |
| Sample | Input_1-7, P8-14_Q4, P8-14_Q1, P8-14_Q3, P8-14_Q2, Input_8-14, P1-7_Q2, P1-7_Q1, P15-21_Q2, P15- |
| Reference | |
| PGM | sn2456565-0923 |
| Flow Order | TACGTACGTCTGAGCATCGATCGATGTACAGC |
| Library Key | TCAG |
| TF Key | ATCG |
| Chip Check | Passed |
| Chip Type | P1.1.17 |
| Chip Data | tiled |
| Barcode Set | Pipkin |
| Analysis Name | Auto_user_SN2-4-Pipkin_Exp_35a_41 |
| Analysis Date | July 31, 2014, 3:23 p.m. |
| Analysis Flows | 0 |
| runID | PZ00F |

Software Version

| | |
|-------------------|----------|
| Torrent_Suite | 4.2 |
| host | JSHJSW1 |
| ion-analysis | 4.2.14-1 |
| ion-chefupdates | 4.2.0 |
| ion-dbreports | 4.2.17-1 |
| ion-gpu | 4.2.1-1 |
| ion-pipeline | 4.2.8-1 |
| ion-plugins | 4.2.23-1 |
| ion-protonupdates | 4.2.0 |
| ion-torrentr | 4.2.1-1 |
| LiveView | 1835 |
| DataCollect | 2927 |
| OIA | 4201 |
| OS | 21 |
| Graphics | 34 |