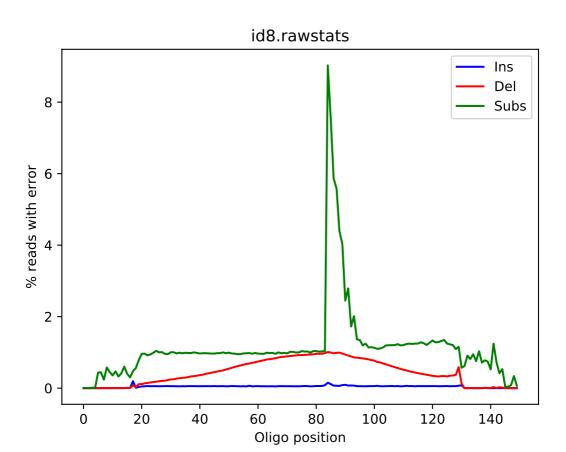
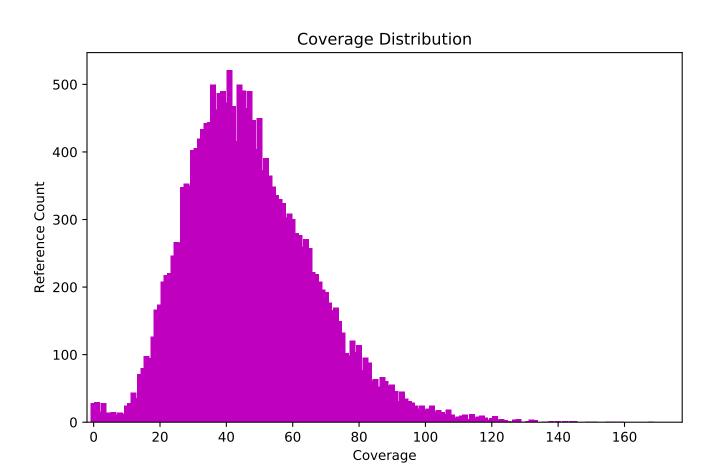
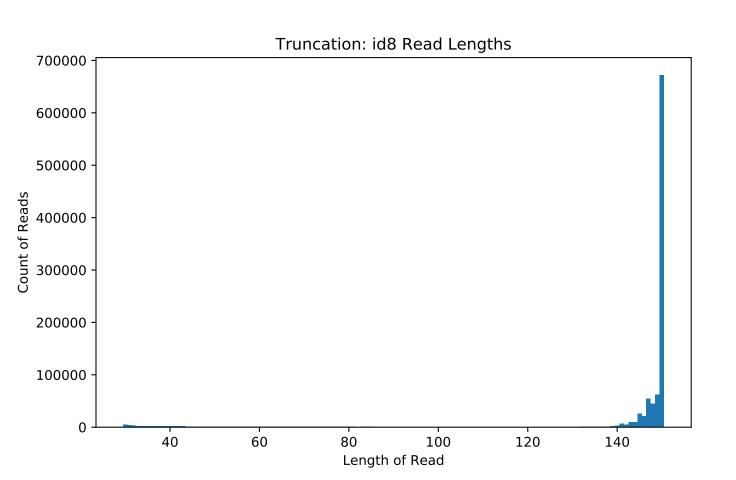
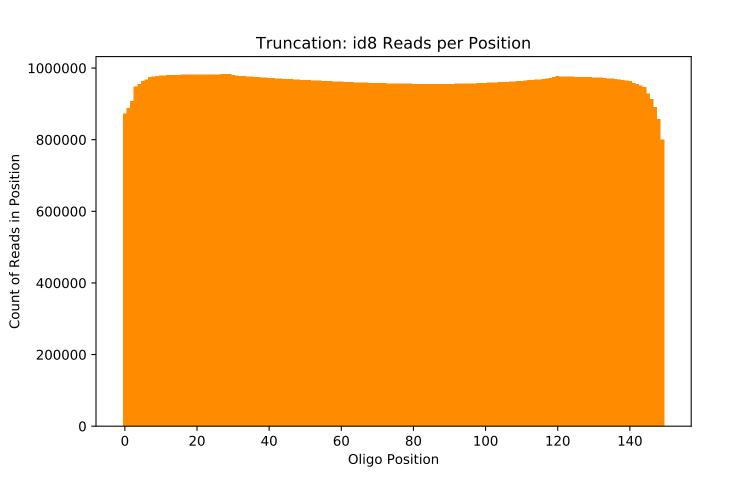
| Reference | Average | Min | Max | Total Oligos | % Oligos with 0 reads |
|-----------|---------|-----|-----|--------------|-----------------------|
| id8       | 47.59   | 0   | 168 | 21601        | 0.13                  |



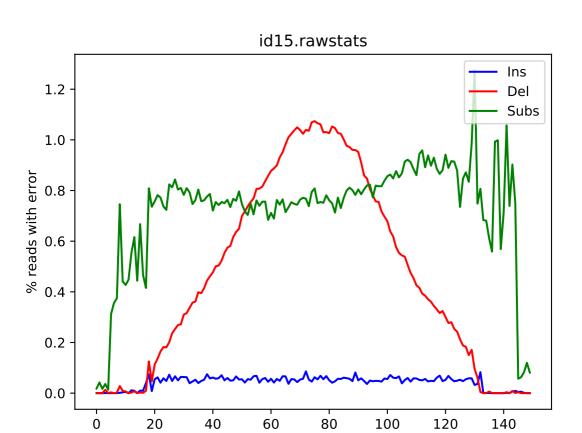
| Statistic            | Value   |
|----------------------|---------|
| Insertion Average    | 0.0675  |
| %InsA                | 20.1973 |
| %InsC                | 17.0865 |
| %InsT                | 16.8727 |
| %InsG                | 45.8292 |
| Deletion Average     | 0.6941  |
| %DelA                | 28.4085 |
| %DelC                | 27.2111 |
| %DelT                | 21.7953 |
| %DelG                | 23.6753 |
| Substitution Average | 1.7208  |
| %Sub AtoC            | 10.4474 |
| %Sub AtoG            | 5.0504  |
| %Sub AtoT            | 15.6744 |
| %Sub CtoA            | 13.214  |
| %Sub CtoG            | 8.2305  |
| %Sub CtoT            | 3.8432  |
| %Sub GtoA            | 2.6382  |
| %Sub GtoC            | 6.624   |
| %Sub GtoT            | 15.6939 |
| %Sub TtoA            | 9.6416  |
| %Sub TtoC            | 2.784   |
| %Sub TtoG            | 7.5219  |





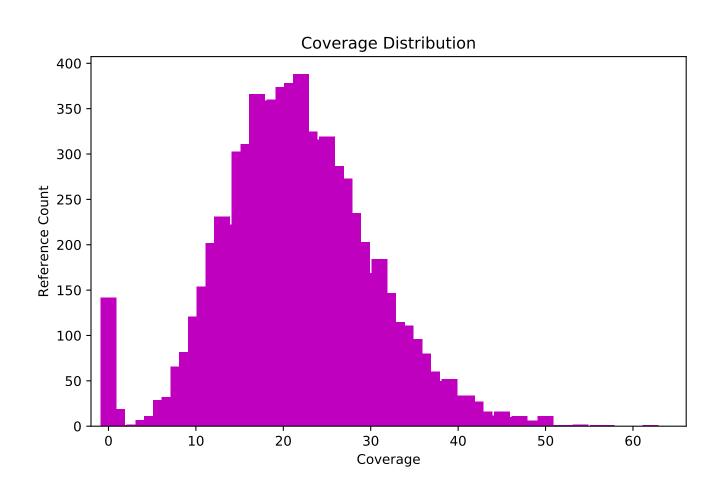


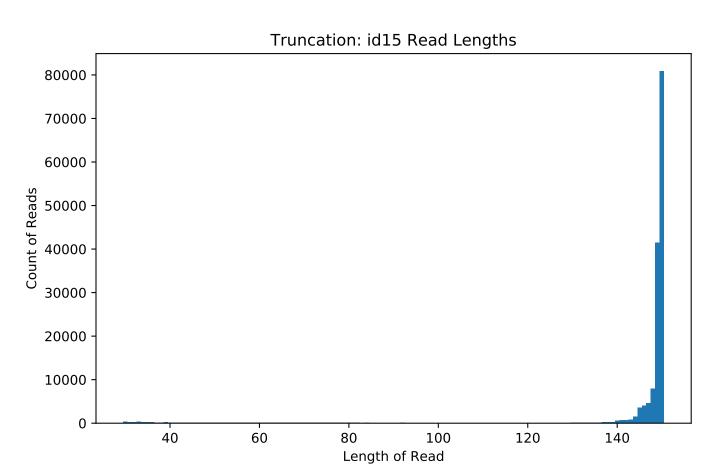
| Reference | Average | Min | Max | Total Oligos | % Oligos with 0 reads |
|-----------|---------|-----|-----|--------------|-----------------------|
| id15      | 21.75   | 0   | 62  | 7373         | 1.93                  |

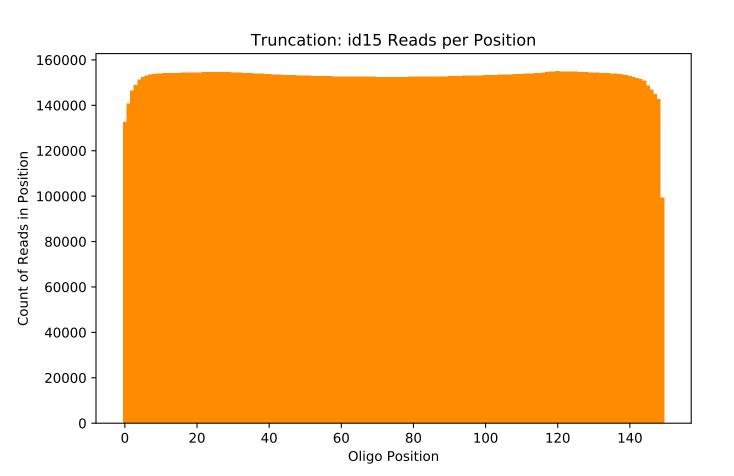


Oligo position

| Chatiatia            | Value   |
|----------------------|---------|
| Statistic            | Value   |
| Insertion Average    | 0.0639  |
| %InsA                | 22.1855 |
| %InsC                | 20.035  |
| %InsT                | 19.8696 |
| %InsG                | 37.9099 |
| Deletion Average     | 0.7136  |
| %DelA                | 25.1768 |
| %DelC                | 23.8135 |
| %DelT                | 24.3646 |
| %DelG                | 26.8468 |
| Substitution Average | 1.0784  |
| %Sub AtoC            | 6.9084  |
| %Sub AtoG            | 1.3729  |
| %Sub AtoT            | 9.8249  |
| %Sub CtoA            | 10.9544 |
| %Sub CtoG            | 5.4128  |
| %Sub CtoT            | 1.8656  |
| %Sub GtoA            | 5.1556  |
| %Sub GtoC            | 7.8676  |
| %Sub GtoT            | 10.8344 |
| %Sub TtoA            | 14.8318 |
| %Sub TtoC            | 17.8394 |
| %Sub TtoG            | 6.8881  |
|                      |         |







## Report Summary

Report Generated by: "sienad@microsoft.com"
Git version: commit 3fd5843e6dec6218eed3251ffc547979ddd53fa3■