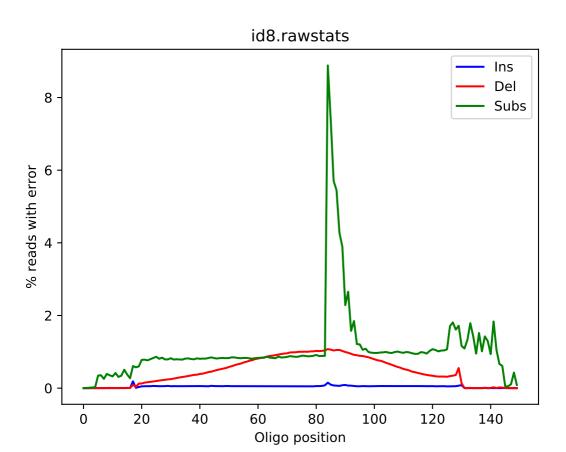
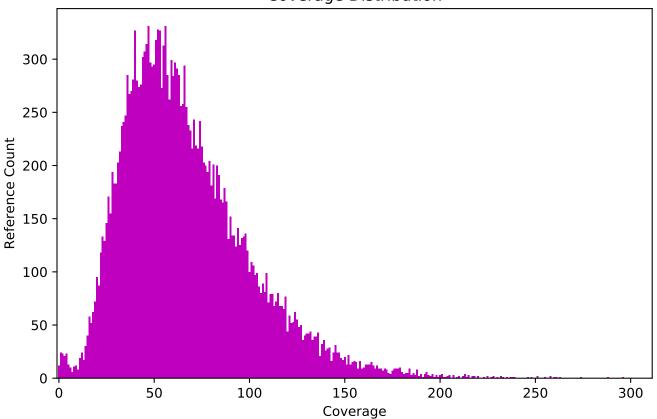
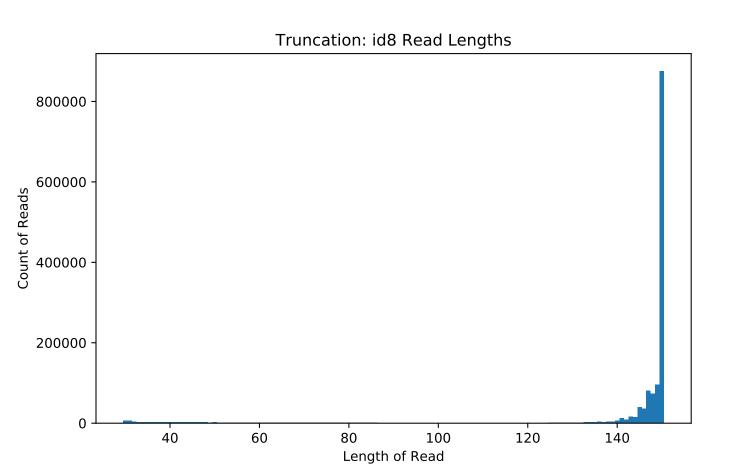
| Reference | Average | Min | Max | Total Oligos | % Oligos with 0 reads |
|-----------|---------|-----|-----|--------------|-----------------------|
| id8       | 66.87   | 0   | 296 | 21601        | 0.06                  |

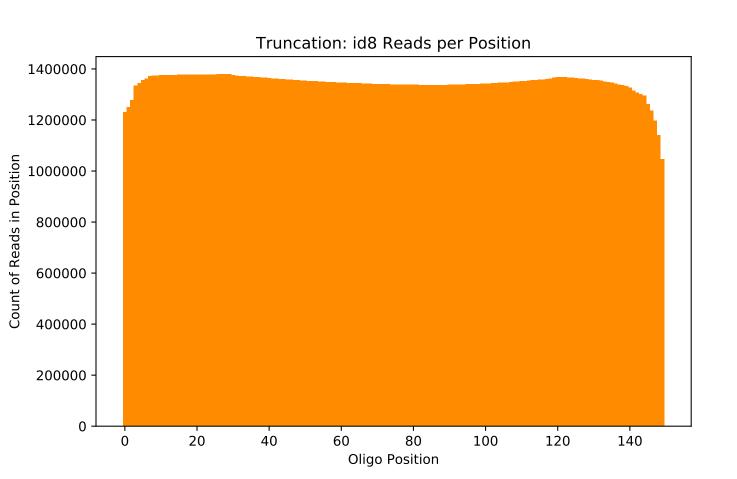


| Statistic            | Value   |
|----------------------|---------|
| Insertion Average    | 0.0657  |
| %InsA                | 19.638  |
| %InsC                | 17.0548 |
| %InsT                | 16.502  |
| %InsG                | 46.8052 |
| Deletion Average     | 0.7421  |
| %DelA                | 28.659  |
| %DelC                | 27.0348 |
| %DelT                | 21.9629 |
| %DelG                | 23.4314 |
| Substitution Average | 1.6333  |
| %Sub AtoC            | 11.6528 |
| %Sub AtoG            | 6.1124  |
| %Sub AtoT            | 15.018  |
| %Sub CtoA            | 14.653  |
| %Sub CtoG            | 6.4505  |
| %Sub CtoT            | 4.2658  |
| %Sub GtoA            | 3.2905  |
| %Sub GtoC            | 5.0736  |
| %Sub GtoT            | 15.611  |
| %Sub TtoA            | 9.4579  |
| %Sub TtoC            | 2.9053  |
| %Sub TtoG            | 7.1796  |

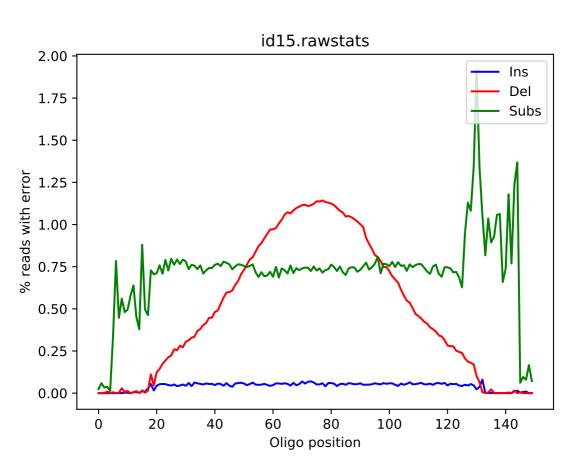




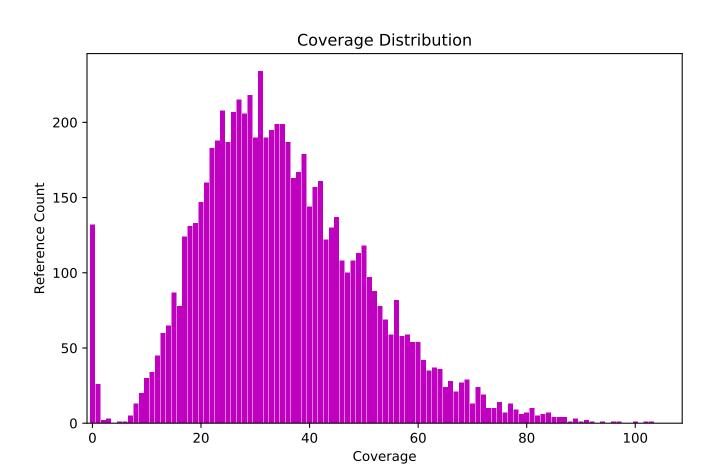


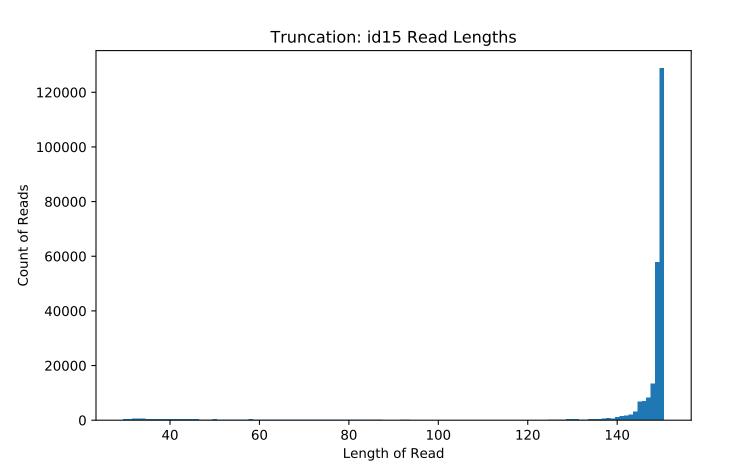


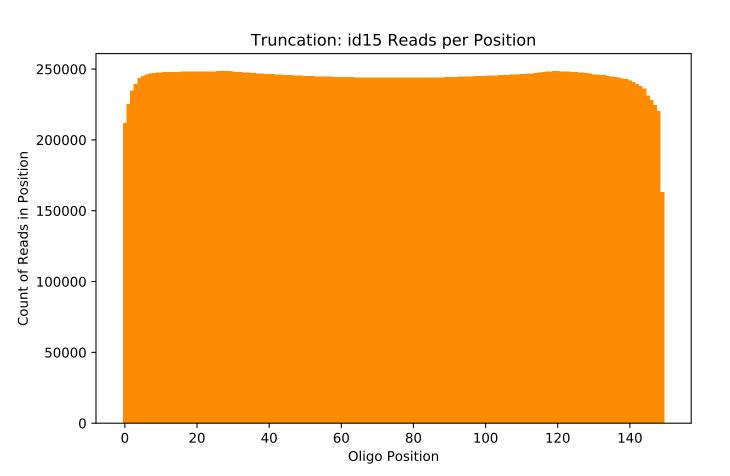
| Reference | Average | Min | Max | Total Oligos | % Oligos with 0 reads |
|-----------|---------|-----|-----|--------------|-----------------------|
| id15      | 35.11   | 0   | 103 | 7373         | 1.79                  |



| Statistic            | Value   |
|----------------------|---------|
| Insertion Average    | 0.061   |
| %InsA                | 22.6186 |
| %InsC                | 20.2403 |
| %InsT                | 19.0076 |
| %InsG                | 38.1335 |
| Deletion Average     | 0.7675  |
| %DelA                | 25.4425 |
| %DelC                | 23.6784 |
| %DelT                | 24.5781 |
| %DelG                | 26.4647 |
| Substitution Average | 1.0903  |
| %Sub AtoC            | 6.83    |
| %Sub AtoG            | 1.9732  |
| %Sub AtoT            | 9.348   |
| %Sub CtoA            | 13.4306 |
| %Sub CtoG            | 4.2322  |
| %Sub CtoT            | 2.6306  |
| %Sub GtoA            | 5.8687  |
| %Sub GtoC            | 4.956   |
| %Sub GtoT            | 12.2025 |
| %Sub TtoA            | 12.8568 |
| %Sub TtoC            | 18.4069 |
| %Sub TtoG            | 7.042   |







## Report Summary

Report Generated by: "sienad@microsoft.com"
Git version: commit d24b4e1487f13e2050edc92f6f3b7e43b9878eb3■