| Conversion from string to corresponding integer 8 format | A | T | G |
| --- | --- | --- | --- |
| | 65 | 84 | 71 |
| | A | T | C |
| | 65 | 84 | 67 |

| position wise subtraction | 65-65 | 84-84 | 71-67 |
| --- | --- | --- | --- |

| The non 0 result position is the mismatch location | 0 | 0 | 4 |
| --- | --- | --- | --- |