```
Reference sequence: ACGTACGTACGTACGTACGTACGTACGTAC
read 1:             ACGTACGTACGTACGTACGTGC
read 2:                 TACGTACGCACGTACGTGCGTA
read 3:                  CGTACGCACGTACGTACGTACG
read 4:                    TACGTACGTACGTGCGTACGTA
read 5:                     CGCACGTACGTACGTACGTACG
read 6:                        TACGTGCGTACGTACGTAC
```