Aligned reads

AGACTTGGC**T**CCCTCCCCATTC
AGACTTGGC**T**CCCTCCCCATTC**C**A
AGACT**A**GGCCCCC**A**CCCCATTC**C**AGG
ACTTGGCCCCCTCCCCATTCAAGGTC
TTGGC**T**CCCTCCCCATTC**C**AGGTCTT
GC**T**CCC**A**CCC**A**ATTCCAGGTCTTC
CCCTCCCCATTC**C**AGGTCTTC
TCCCCATTC**C**AGGTC**C**TC

Reference seq **AGACTTGGCCCCCTCCCCATTCAAGGTCTTC**