Reference sequence

C C A A T C T T C A G T G G C G G G A A C T T G A A A T C C T C A G T T T G T G G T C T G C

Mutated Sequence

C C A A T G T T C A G T G G C G G G A A C T T G C A A T C C T C A G T T T G T G G T C T G C

Fragments

C C A A T G T T C A G T   C C A A T G T T C A G T

C A G T G G C G G G A A   C A G T G G C G G G A A

A T C C T C A G T T T G   A T C C T C A G T T T G

G G A A C T T G C A A T   G G A A C T T G C A A T

C A A T C C T C A G T T   C A A T C C T C A G T T

G T G G C G G G A A C T   G T G G C G G G A A C T

A G T T T G T G G T C T   A G T T T G T G G T C T

A A T G T T C A G T G G   A A T G T T C A G T G G

T T T G T G G T C T G C   T T T G T G G T C T G C