(a)
A C A G A G C T
G T G T C G G A
(b)
A G C T C T G T T G T C A T C G
A C T A C G G T
(c)
A C A G A G C T
T A T G T G G C
A C A G A G C T
T G T C A G C T
(d)
A C A G A G C T
G T G T C G G A