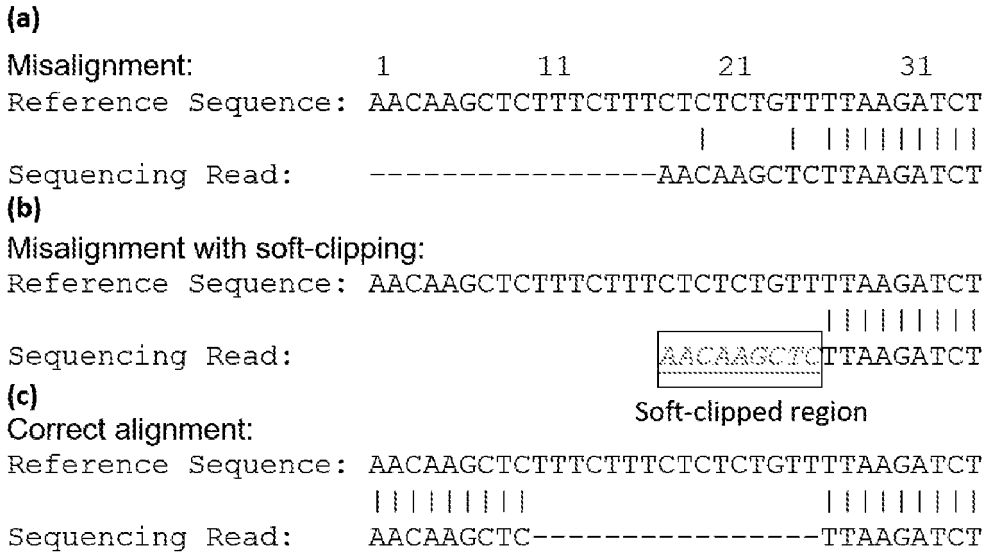
(a)
Misalignment:
1
11
21
31
Reference Sequence: AACAAGCTCTTTCTTTCTCTCTGTTTTAAGATCT
Sequencing Read: ----------AACAAGCTCTTAAGATCT
(b)
Misalignment with soft-clipping:
Reference Sequence: AACAAGCTCTTTCTTTCTCTCTGTTTTAAGATCT
Sequencing Read: AACAAGCTCTTAAGATCT
Soft-clipped region
(c)
Correct alignment:
Reference Sequence: AACAAGCTCTTTCTTTCTCTCTGTTTTAAGATCT
Sequencing Read: AACAAGCTC----------TTAAGATCT

Figure 1