

Figure 1

Pol^{S565G/Y567A} Exo⁺
Pol^{Y567A} Exo⁺

ATGGCCTTAA**A**AAGCAACAG**C**ACTTTTTG**C**ATGCTAGGAT**T**TGTCATTTG**T**TTTATCTCC**A**TCGATTGAAG**G**CGAATGTCG**A**TCCTCATT**T**TGATAAAATTT**A** 100
 C C T + C T A T A C G C G

T T A + T CTA C
 TGGAACTG**G**TATTAGGC**A**CGTTTATATG**C**TTTTT**G**AAAA**A**TAAAAG**C**GT**A**GAATCGTCT**G**AACAATTCT**A**TAGTTTTT**A**T**G**GAGAACGAC**C**TATAAAAAT**G**A 200
 C AG A C G C A C C C
 C A G G C

T AAAAA
 AT AAA
 AT C A
 AT C A
 ATAC A AT G
 CCCGTGCTC**T**TCTGATTTT**G**AATGTATAG**A**GCGAGGCG**G**GAGATGG**C**CAATCATAC**G**CTAGAATTAT**G**AACATTAA**A**TTGGGAGACT**G**AATGA 294
 ATACA A G T C A AT T G G G
 AT C G T AT T G
 T C A G
 T C AAAAA
 TT AAAAA
 TTT AAAAA
 AAAAA