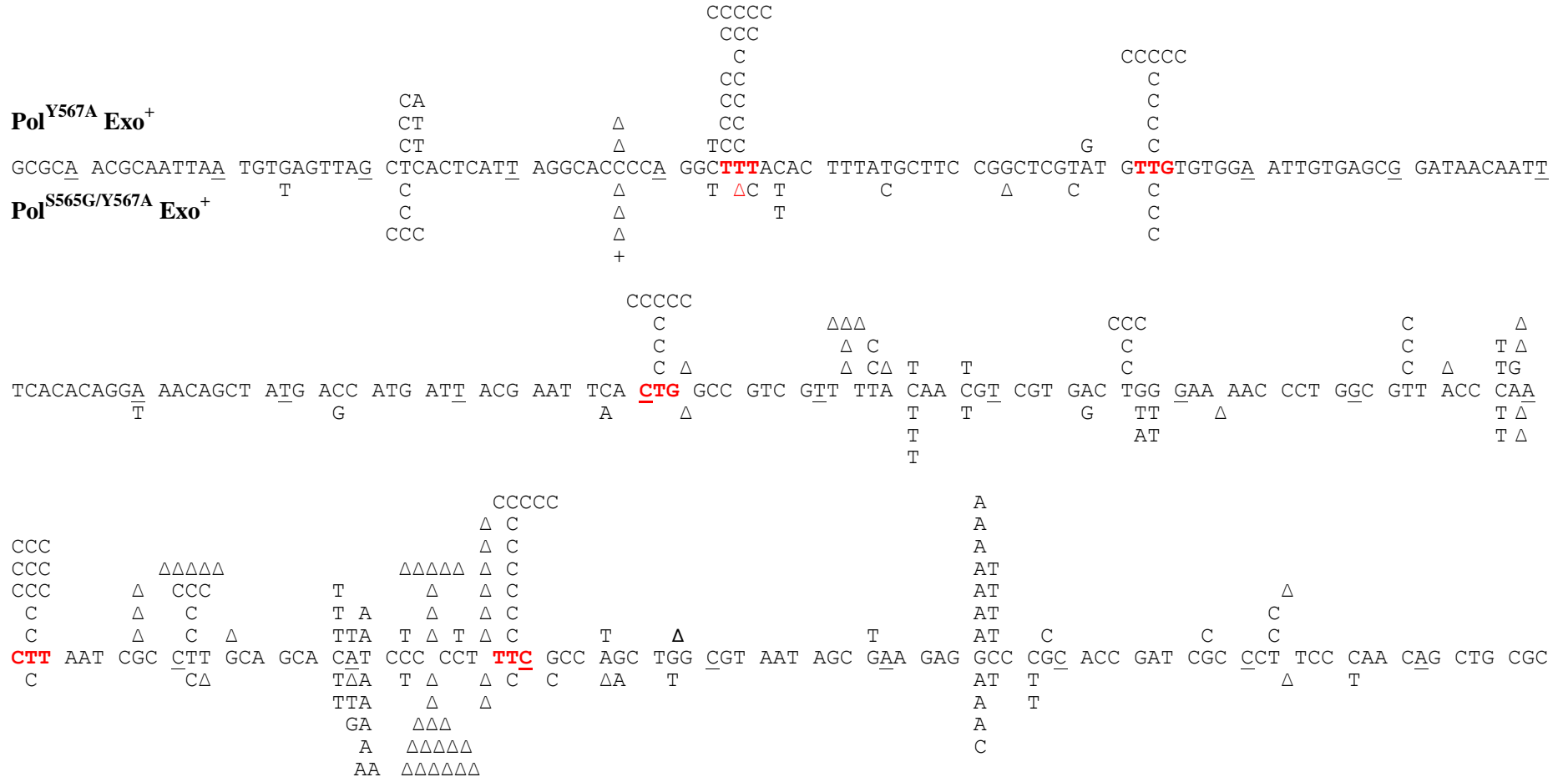


Figure 2

a



b

Pol^{Y567A} Exo⁻ A A C
A A C
A A Δ C
A A A C
A A A + C
ΔΔCC CT Δ Δ TCCC T + -TCG C C C
GCGCA ACGCAATTAA TGTGAGTTAG CTCACTCAT T AGGCACCCCA GGCTTTACAC TTTATGCTTC CGGCTCGTAT GTTGTGTGGA ATTGTGAGCG GATAACAATT
A A T T T CCC T Δ G
Pol^{S565G/Y567A} Exo⁻ A A CΔ GGG
C CCCC CCCC

CC AA
CCA
A CCA
A AAA
AAA A
AAA A Δ +A T T
TCACACAGGA AACAGCT ATG ACC ATG ATT ACG AAT TCA CTG GCC GTC GTT TTA CAA CGT CGT GAC TGG GAA AAC CCT GGC GTT ACC CAA
C Δ Δ Δ A TT AT AAA A Δ ↓ Δ C T T
C Δ Δ Δ T T
G CCT Δ Δ +T C T
CCA +
CA
AA
AA

AAAA
C C+ C A CΔ AAAAA
C C+ C A AA A
C CΔ T Δ +A ΔC A A A
C A TΔ T Δ ↓ AC A AA T
CTT AAT CGC CTT GCA GCA CAT CCC CCT TTC GCC AGC TGG CGT AAT AGC GAA GAG GCC CGC ACC GAT CGC CCT TCC CAA CAG CTG CGC
C T C Δ T A Δ ΔCC CA A A
C C A Δ Δ C TA A
CCC CCC A ΔΔΔΔ A A
ΔΔΔ G AAA

