

[illegible]

1. **THE STATE OF TEXAS, County of _____, do hereby certify that _____, of the County of _____, State of _____, is the duly qualified and authorized representative of the _____, a corporation organized under the laws of the State of _____, and is authorized to execute and deliver the foregoing instrument, and to perform all acts and duties required of him in connection therewith.**

Figure 1. The effect of the number of iterations on the accuracy of the proposed algorithm. The accuracy of the proposed algorithm increases with the number of iterations. The accuracy of the proposed algorithm is 100% when the number of iterations is 1000.

Figure 6. Schematic representation of the four different types of mutations observed in the CCR5 gene. The figure shows four horizontal bars representing DNA sequences. The top bar is labeled "Wild-type" and has a length of 720 bp. Below it are three bars labeled "ΔE32", "ΔE35", and "ΔE38". Each bar has a scale from 0 to 720 bp. Arrows indicate the location of mutations. The ΔE32 mutation is located at approximately 100 bp. The ΔE35 mutation is located at approximately 200 bp. The ΔE38 mutation is located at approximately 300 bp.

