HIV virus has been one of the most challenging diseases causing virus in modern world. However, Gene editing via CRISPR technology might just be the next level approach to provision of solution to this problem. Viral diseases tend to have constant mutations in the genomic set up. CRISPR technology through induction of Cas9 genes can be able to counter the CCR5 gene in human which is responsible for constant mutation. The CRISPR technology mechanism will induce pluripotent stem cell which would be important in resisting HIV-1 descendant lymphocytes. The Cas9 gene can be able to identify a specific viral genome at that moment before mutation, cut and insert a CRISPR with a healthy gene. The presence of Cas9 genes in a healthy gene will provide chance to develop treatment to the virus infected gene.