

**Table S1: Viral Load of all the study cohort.**

Patient ID	Viral load IU/mL
1	$5.2 \times 10^4$
2	$3.2 \times 10^6$
3	$3.5 \times 10^6$
4	$3.5 \times 10^4$
5	$3.0 \times 10^4$
6	$5.6 \times 10^4$
7	$3.6 \times 10^6$
8	$3.8 \times 10^4$
9	$5.4 \times 10^5$
10	$4.6 \times 10^4$
11	$6.4 \times 10^6$
12	$5.0 \times 10^4$
13	$5.2 \times 10^4$
14	$3.3 \times 10^4$
15	$4.8 \times 10^4$
16	$3.5 \times 10^5$
17	$4.2 \times 10^4$
18	$3.6 \times 10^5$
19	$6.0 \times 10^4$
20	$5.1 \times 10^6$
21	$3.2 \times 10^5$
22	$5.6 \times 10^5$
23	$6.8 \times 10^5$
24	$4.5 \times 10^5$
25	$3.4 \times 10^6$
26	$5.6 \times 10^7$
27	$5.3 \times 10^3$
28	$4.0 \times 10^3$
29	$3.2 \times 10^6$
30	$3.0 \times 10^4$
31	$3.9 \times 10^6$
32	$3.0 \times 10^5$
33	$6.3 \times 10^4$
34	$5.2 \times 10^6$
35	$4.4 \times 10^4$
36	$4.9 \times 10^4$
37	$3.3 \times 10^5$
38	$3.8 \times 10^4$
39	$4.8 \times 10^5$
40	$4.0 \times 10^4$

**Table S2: Sequences generated from current study along with accession numbers and urls.**

<b>S.no</b>	<b>Submission ID</b>	<b>Accession Number</b>	<b>URLS</b>
1	BankIt2162064 Seq1	MK213855	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213855">https://www.ncbi.nlm.nih.gov/nuccore/MK213855</a>
2	BankIt2162064 Seq2	MK213856	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213856">https://www.ncbi.nlm.nih.gov/nuccore/MK213856</a>
3	BankIt2162064 Seq3	MK213857	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213857">https://www.ncbi.nlm.nih.gov/nuccore/MK213857</a>
4	BankIt2162064 Seq4	MK213858	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213858">https://www.ncbi.nlm.nih.gov/nuccore/MK213858</a>
5	BankIt2162064 Seq5	MK213859	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213859">https://www.ncbi.nlm.nih.gov/nuccore/MK213859</a>
6	BankIt2162064 Seq6	MK213860	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213860">https://www.ncbi.nlm.nih.gov/nuccore/MK213860</a>
7	BankIt2162064 Seq7	MK213861	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213861">https://www.ncbi.nlm.nih.gov/nuccore/MK213861</a>
8	BankIt2162064 Seq8	MK213862	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213862">https://www.ncbi.nlm.nih.gov/nuccore/MK213862</a>
9	BankIt2162064 Seq9	MK213863	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213863">https://www.ncbi.nlm.nih.gov/nuccore/MK213863</a>
10	BankIt2162064 Seq10	MK213864	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213864">https://www.ncbi.nlm.nih.gov/nuccore/MK213864</a>
11	BankIt2162064 Seq11	MK213865	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213865">https://www.ncbi.nlm.nih.gov/nuccore/MK213865</a>
12	BankIt2162064 Seq12	MK213866	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213866">https://www.ncbi.nlm.nih.gov/nuccore/MK213866</a>
13	BankIt2162064 Seq13	MK213867	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213867">https://www.ncbi.nlm.nih.gov/nuccore/MK213867</a>
14	BankIt2162064 Seq14	MK213868	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213868">https://www.ncbi.nlm.nih.gov/nuccore/MK213868</a>
15	BankIt2162064 Seq15	MK213879	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213869">https://www.ncbi.nlm.nih.gov/nuccore/MK213869</a>
16	BankIt2162064 Seq16	MK213870	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213870">https://www.ncbi.nlm.nih.gov/nuccore/MK213870</a>
17	BankIt2162064 Seq17	MK213871	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213871">https://www.ncbi.nlm.nih.gov/nuccore/MK213871</a>
18	BankIt2162064 Seq18	MK213872	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213872">https://www.ncbi.nlm.nih.gov/nuccore/MK213872</a>
19	BankIt2162064 Seq19	MK213873	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213873">https://www.ncbi.nlm.nih.gov/nuccore/MK213873</a>
20	BankIt2162064 Seq20	MK213874	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213874">https://www.ncbi.nlm.nih.gov/nuccore/MK213874</a>
21	BankIt2162064 Seq21	MK213875	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213875">https://www.ncbi.nlm.nih.gov/nuccore/MK213875</a>
22	BankIt2162064 Seq22	MK213876	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213876">https://www.ncbi.nlm.nih.gov/nuccore/MK213876</a>
23	BankIt2162064 Seq23	MK213877	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213877">https://www.ncbi.nlm.nih.gov/nuccore/MK213877</a>
24	BankIt2162064 Seq24	MK213878	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213878">https://www.ncbi.nlm.nih.gov/nuccore/MK213878</a>
25	BankIt2162064 Seq25	MK213879	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213879">https://www.ncbi.nlm.nih.gov/nuccore/MK213879</a>
26	BankIt2162064 Seq26	MK213880	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213880">https://www.ncbi.nlm.nih.gov/nuccore/MK213880</a>
27	BankIt2162064 Seq27	MK213881	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213881">https://www.ncbi.nlm.nih.gov/nuccore/MK213881</a>

28	BankIt2162064 Seq28	MK213882	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213882">https://www.ncbi.nlm.nih.gov/nuccore/MK213882</a>
29	BankIt2162064 Seq29	MK213883	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213883">https://www.ncbi.nlm.nih.gov/nuccore/MK213883</a>
30	BankIt2162064 Seq30	MK213884	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213884">https://www.ncbi.nlm.nih.gov/nuccore/MK213884</a>
31	BankIt2162064 Seq31	MK213885	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213885">https://www.ncbi.nlm.nih.gov/nuccore/MK213885</a>
32	BankIt2162064 Seq32	MK213886	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213886">https://www.ncbi.nlm.nih.gov/nuccore/MK213886</a>
33	BankIt2162064 Seq33	MK213887	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213887">https://www.ncbi.nlm.nih.gov/nuccore/MK213887</a>
34	BankIt2162064 Seq34	MK213888	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213888">https://www.ncbi.nlm.nih.gov/nuccore/MK213888</a>
35	BankIt2162064 Seq35	MK213889	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213889">https://www.ncbi.nlm.nih.gov/nuccore/MK213889</a>
36	BankIt2162064 Seq36	MK213890	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213890">https://www.ncbi.nlm.nih.gov/nuccore/MK213890</a>
37	BankIt2162064 Seq37	MK213891	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213891">https://www.ncbi.nlm.nih.gov/nuccore/MK213891</a>
38	BankIt2162064 Seq38	MK213892	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213892">https://www.ncbi.nlm.nih.gov/nuccore/MK213892</a>
39	BankIt2162064 Seq39	MK213893	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213893">https://www.ncbi.nlm.nih.gov/nuccore/MK213893</a>
40	BankIt2162064 Seq40	MK213894	<a href="https://www.ncbi.nlm.nih.gov/nuccore/MK213894">https://www.ncbi.nlm.nih.gov/nuccore/MK213894</a>

**Table S3: Samples with no drug resistance mutations.**

<b>S. No</b>	<b>Drug resistance mutations</b>	<b>Therapy Used</b>	<b>Small Surface Gene Mutation</b>
1	Not detected	Tenofovir	Not detected
2	Not detected	Adefovir	Not detected
3	Not detected	Tenofovir	Not detected
4	Not detected	Tenofovir	Not detected
5	Not detected	Tenofovir	Not detected
6	Not detected	Entecavir	Not detected
7	Not detected	Adefovir	Not detected
8	Not detected	Tenofovir	Not detected
9	Not detected	Lamivudine+ tenofovir	Not detected
10	Not detected	Lamivudine+ tenofovir	Not detected
11	Not detected	Tenofovir	Not detected
12	Not detected	Adefovir	Not detected
13	Not detected	Lamivudine+ tenofovir	Not detected