

**Table S1. Samples profiles of HIV sequence**

Sequence Time Points *	Pt No **	Sample No §
1	84	84
2	56	112
3	25	75
4	15	60
5	11	55
6	7	42
7	3	21
8	2	16
9	2	18
10	1	10
11	2	22
14	1	14
<b>Grand Total</b>	209	529

\*: Frequency of sequence.

\*\*: Patient numbers. All patients had >1000 copies /mL of viral load in plasma when sequence analysis was conducted, and none of HIV contained IN resistant mutations prior to IN inhibitor therapies.

§: Number of sequenced samples per frequency.