

Supplementary Data

SUPPLEMENTARY TABLE S1. INTRAPATIENT MUTATIONS IN HIV V3 LOOP SEQUENCES OF VARIOUS TISSUES AND ORGANS COMPARED TO THE LIVER

<i>HXB2 gp120</i> (C296-C301)	*																*																					
	<i>C</i>	<i>T</i>	<i>R</i>	<i>P</i>	<i>N</i>	<i>N</i>	<i>N</i>	<i>T</i>	<i>R</i>	<i>K</i>	<i>R</i>	<i>I</i>	<i>Q</i>	<i>R</i>	<i>G</i>	<i>P</i>	<i>G</i>	<i>R</i>	<i>A</i>	<i>F</i>	<i>V</i>	<i>T</i>	<i>I</i>	<i>G</i>	-	<i>K</i>	<i>I</i>	<i>G</i>	<i>N</i>	<i>M</i>	<i>R</i>	<i>Q</i>	<i>A</i>	<i>H</i>	<i>C</i>			
Liver signature	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	K	.	.	.	T	.	.	E	.	.	.	.	.	.	.	.	.	.	.	.
Bone marrow signature	.	I	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	R	.	.	.	A	.	.	D	.	.	.	.	.	.	.	.	.	.	.	.
Threshold signature	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	K	.	.	.	T	.	.	E	.	.	.	.	.	.	.	.	.	.	.	.
Liver signature	I	-	-	.	.	.	.	.	.	.	.	T	.	.	E	.	.	.	N	.	.	.	.	.	.	.	.
Brain signature	M	-	-	.	.	.	.	.	.	.	.	A	.	.	D	.	.	.	D	.	.	.	.	.	.	.	.
Threshold signature	I	-	-	.	.	.	.	.	.	.	.	T	.	.	E	.	.	.	N	.	.	.	.	.	.	.	.
Liver signature	T	.	.	E	.	.	.	N	.	.	.	.	.	.	.	.
CSF signature	A	.	.	D	.	.	.	D	.	.	.	.	.	.	.	.
Threshold signature	T	.	.	E	.	.	.	N	.	.	.	.	.	.	.	.
Liver signature	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	K	.	.	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Kidney signature	.	V	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	R	.	.	.	A	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Threshold signature	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	K	.	.	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Liver signature	K	.	.	.	T	.	.	E	.	.	.	N	.	.	.	.	.	.	.	.	.
Lung signature	R	.	.	.	A	.	.	D	.	.	.	D	.	.	.	.	.	.	.	.	.
Threshold signature	K	.	.	.	T	.	.	E	.	.	.	N	.	.	.	.	.	.	.	.	.
Liver signature	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	K	.	.	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lymph node signature	.	V	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	R	.	.	.	A	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Threshold signature	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	K	.	.	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Liver signature	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	K	.	.	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
PBMC signature	.	I	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	R	.	.	.	A	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Threshold signature	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	K	.	.	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Liver signature	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	K	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Spleen signature	.	V	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	R	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Threshold signature	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	K	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

*Coreceptor binding site in HXB2.

Amino acid differences between the V3 loop in the liver and other tissues were included only if the amino acid was conserved at a frequency of 0.8 in the liver. Dots represent no difference between residues of the liver and the other tissue. Dashes represent insertions and/or deletions relative to HXB2. The conserved GPCR tip of the V3 loop is in bold and italics and mutations here are in bold.

Sequence data were originally reported in Van't Wout *et al.*¹⁹

CSF, cerebral spinal fluid; PBMC, peripheral blood mononuclear cells.