

Patient no.	No. of clones / total tested	Amino acid sequence of the V3 env region	Predicted genotype
<b>1</b>			
<b>Plasma at baseline</b>			
	Consensus	C T R P N N N T R K G I R V G P G R A I Y A T E K I I G N I R Q A H C	
	6/14	. . . . .	X4
	1/14	. . . . . E . . . . .	X4
	1/14	. . . H . . . . .	X4
	2/14	. . . H . . . . S . H I . . . . F . . . G E . V . D . . . . .	R5
	1/14	. . . H . . . . S . H I . . . . F . . . G E M V . D . . . . .	R5
	1/14	. . . . . S . H I . . . . F . . . G D . . . . D . . . . .	R5
	1/14	. . . H . . . . S . H I . . . . F . . . G E . . . . D . . . . .	R5
	1/14	. . . H . . . . S . H I . . . . F . . . G D . . . . D . . . . .	R5
<b>Plasma on cART</b>			
	Consensus	C T R P N N N T R K G I R I G P G R A I Y A T E K I I G N I R Q A H C	
	8/23	. . . . . V . . . . .	X4
	1/23	. . . . . V . . . . . T . . . . .	X4
	1/23	R . . . . . V . . . . .	X4
	6/23	. . . . .	X4
	1/23	. . . . . A . . . . .	X4
	4/23	. . . H . . . . S . H . . . . F . . . G E . . . . D . . . . .	R5
	1/23	. . . . . S . H . . . . F . . . G G . . . . D . . . . .	R5
	1/23	. . . . . S . H . . . . F . . . A G G . . . . D . . . . .	R5
<b>CD4<sup>+</sup> T-cells on cART</b>			
	Consensus	C T R P N N N T R K G I R V G P G R A I Y A T E K I I G N I R Q A H C	
	8/12	. . . . .	X4
	1/12	. . . . . L . . . . .	X4
	1/12	. . . . . I . . . . .	X4
	1/12	. . . . . K . . . . R . . . . . K . . . . .	X4
	1/12	. . . H . . . . S . H I . . . . F . . . G G . . . . D . . . . .	R5
<b>2</b>			
<b>Plasma at baseline</b>			
	Consensus	C T R P N N N T R K S I N I A P G R A I Y A T G A I I G N I R Q A H C	
	8/11	. . . . .	R5
	2/11	. . . . . D . . . . .	R5
	1/11	. . . . . G . H M G . . . G T F F . . . . .	R5
<b>Plasma on cART</b>			
	Consensus	C T R P N N N T R K G I H M G P G G T F F A T G A I I G N I R Q A H C	
	10/13	. . . . .	R5
	1/13	. . . . . V . . . . .	R5
	1/13	. . . . . V . . . . .	R5
	1/13	. . . . . L . . . . .	R5
<b>CD4<sup>+</sup> T-cells on cART</b>			
	Consensus	C T R P N N N T R K S I H I G P G R A F Y A T G Q I I G D I R Q A H C	
	4/12	. . . . . G . M . . . . T . . . . .	R5
	3/12	. . . . . T . . . . S . F . . . G . . . . .	R5
	1/12	. . . . . T . . . . S . F . . . G . . . N . . . . .	R5
	2/12	. . . . . N . A . . . . I . . . . A . . . N . . . . .	R5
	1/12	. . . . . P . . . . . I . . . . D . . . . .	R5
	1/12	. . . . . G . R . . . . I T . D R . . . . .	X4
<b>3</b>			
<b>Plasma at baseline</b>			
	Consensus	C T R P N N N T R K ~ G I H I G P G R A F Y T T G Q I I G D I R Q A H C	
	12/13	. . . . . ~ . . . . .	R5
	1/13	. . . . S . . . . ~ . . . . .	R5
<b>Plasma on cART</b>			
	Consensus	C T R P N N N T R K ~ S I H I G P G S A F Y T T G Q I I G D I R Q A H C	
	8/11	. . . . . ~ . . . . .	R5
	1/11	. . . . . I . . . . ~ . . . . .	R5
	1/11	. . . . . D . . . . ~ . . . . .	R5
	1/11	. . . . . A . . . . ~ . . . . .	R5
<b>CD4<sup>+</sup> T-cells on cART</b>			
	Consensus	C T R P N N N I K K R R I H I G P G R A F Y T T G Q L I G D I R Q A H C	
	2/12	. . . . H . S . . . R . . . . . ~ . . . . .	X4
	1/12	. . . . H . S . . . . . R . . . . ~ . . . . .	X4
	2/12	. . . . . R . . . . ~ . . . . .	X4
	3/12	. . . . S . . . . . R . . . . ~ . . . . .	X4
	3/12	. . . . . T R . ~ S . . . . . I . . . . .	R5
	1/12	. . . . . T R . ~ S . . T . . . . . I . . . . .	R5
<b>6</b>			
<b>Plasma at baseline</b>			
	Consensus	C T R P N N N T R K G I H V G P G R T L Y A T G D I T G D I R Q A H C	
	6/10	. . . . .	R5
	1/10	. . . . . I . . . . .	R5
	1/10	. . . . . M . . . . V . . . . E . I . . . . .	R5
	1/10	. . . . . M . . . . V . . . . I . . . . .	R5
	1/10	. . . . . T . . . . . E . . . . . R . . . . .	R5

Patient no.	No. of clones / total tested	Amino acid sequence of the V3 env region	Predicted genotype
<b>6 (continued)</b>			
<b>Plasma on cART</b>			
	Consensus	C T R P N N N T R R G I R I G P G R T L Y A T Q K I I G D I R Q A H C	
	12/15	.....R.....	X4
	1/15	.....S.....	X4
	1/15	.....R.....	X4
	1/15	R.....	X4
<b>CD4<sup>+</sup> T-cells on cART</b>			
	Consensus	C T R P N N N T R R G I H I G P G R T L Y A T Q K I I G D I R Q A H C	
	3/11	.....R.....	X4
	1/11	.....	X4
	2/11	.....S.....K.....	X4
	2/11	.....R.....	X4
	1/11	S.....R.....	R5
	2/11	.....S.....A.....G D.....	R5
<b>11</b>			
<b>Plasma at baseline</b>			
	Consensus	C E R P N N N T S K S I T M G P G R A F F V T G G I I G D I R Q A H C	
	6/10	.....	R5
	1/10	.....I.....A E R.....R.....	R5
	2/10	A.....G.....P L.....A E R.....R.....	R5
	1/10	A.....G.....P L.....V.....A E R.....R.....	R5
<b>PBMC at baseline</b>			
	Consensus	C E R P N N N T S K S I T M G P G R A F F V T G G I I G D I R Q A H C	
	5/12	.....	R5
	1/12	.....S.....	R5
	2/12	.....L.....	R5
	1/12	.....I.....A.....R.....N.....	R5
	1/12	T.....R.....I.....A.....E.....	R5
	1/12	.....S.....R.....I.....A.....	R5
	1/12	V.....G.....P L.....A E R.....	R5
<b>Plasma on cART</b>			
	Consensus	C T R P G N N T S K S I P L G P G R A F F A T E R I I G D I R R A H C	
	13/23	.....	R5
	1/23	.....T.....	R5
	1/23	.....	R5
	2/23	E.....N.....T M.....V.....G.....N.....Q.....	R5
	2/23	E.....N.....T M.....V.....G.....V.....Q.....	R5
	2/23	E.....N.....T I.....G.....Q.....Y.....	R5
	1/23	E.....N.....T I.....G.....R.....Q.....Y.....	R5
	1/23	E.....N.....T I.....G.....N.....Q.....	R5
<b>CD4<sup>+</sup> T-cells on cART</b>			
	Consensus	C E R P N N N T S K S I T M G P G R A F F V T G R I I G A I R Q A H C	
	6/13	.....	R5
	1/13	.....D.....M.....	R5
	5/13	T.....G.....P L.....A E.....D.....R.....	R5
	1/13	T.....G.....P L.....A.....	R5
<b>12</b>			
<b>Plasma at baseline</b>			
	Consensus	C T R P S N N T R R G I H I G P G R A F Y A T G E V T G D I R Q A H C	
	4/12	.....	R5
	4/12	.....T.....	R5
	1/12	.....Y.....K.....T.....T.....	R5
	2/12	.....G.....K.....Y.....V.....E R I.....R.....	X4
	1/12	.....G.....K.....Y.....V.....E R I.....R.....Y.....	X4
<b>PBMC at baseline</b>			
	Consensus	C T R P G N N T R K G I Y I G P G R A V Y A T E R I T G D I R R A H C	
	10/14	.....	X4
	1/14	.....S.....R.....H.....F.....G E V.....Q.....	R5
	1/14	.....S.....R.....H.....F.....T.....G E V.....Q.....	R5
	1/14	.....S.....R.....H.....G.....F.....T.....G E V.....Q.....	R5
	1/14	.....S.....S.....R.....H.....F.....T.....G E V.....Q.....	R5
<b>Plasma on cART</b>			
	Consensus	C T R P S N N T R R G I H I G P G R A F Y A T G E V T G D I R Q A H C	
	14/14	.....	R5
<b>CD4<sup>+</sup> T-cells on cART</b>			
	Consensus	C T R P G N N T R K G I Y I G P G R A V Y A T E R I T G D I R R A H C	
	6/10	.....	X4
	1/10	.....S.....T.....	X4
	1/10	.....S.....S.....V I.....	X4
	1/10	.....Q.....	R5
	1/10	.....Y.....H.....T F.....T.....G E V.....Q.....	R5



Patient no.	No. of clones / total tested	Amino acid sequence of the V3 env region	Predicted genotype
<b>16 (continued)</b>			
<b>Plasma on cART</b>			
	Consensus	C T R P Y Y I I K R N R I H I G P G R T F V T T G Q I A G K L K E A H C	
	11/16	.....	X4
	1/16	..... S .....	X4
	1/16	..... E .....	X4
	1/16	..... K D .....	X4
	2/16	..... D .....	X4
<b>CD4<sup>+</sup> T-cells on cART</b>			
	Consensus	C T R P Y Y I I K Q N R I H I G P G R T F V T T G Q I A G K L K E A H C	
	3/10	..... R .....	X4
	2/10	.....	X4
	1/10	..... G .....	X4
	1/10	.....	X4
	2/10	..... N N N T R ~ K S ..... A F A ..... D I ..... I R .....	R5
	1/10	..... N N N T R ~ K S ..... A F A ..... I G I R Q .....	R5
<b>CD14<sup>high</sup> CD16<sup>low</sup> monocytes on cART</b>			
	Consensus	C S R P Y Y I I L K Q N R I H I G P G R T F V T T G Q I A G K L K E A H C	
	12/15	.....	X4
	1/15	..... S .....	X4
	1/15	..... C .....	X4
	1/15	..... A .....	X4
<b>18</b>			
<b>CD4<sup>+</sup> T-cells on cART</b>			
	Consensus	C T R P N N N T R K S I H I ~ ~ G P G R T L Y A T G E I I G D I R Q A H C	
	5/14	.....	R5
	2/14	..... ~ ~ ~ ..... N ..... Y .....	R5
	3/14	..... ~ ~ ~ ..... D .....	R5
	1/14	..... R ~ ~ ~ .....	R5
	1/14	..... G .....	R5
	1/14	..... ~ ~ ~ ..... K .....	R5
	1/14	..... ~ ~ ~ ..... K ..... N ..... Y .....	R5
<b>CD14<sup>high</sup> CD16<sup>low</sup> monocytes on cART</b>			
	Consensus	C T R P N N N T R K D I H I ~ ~ R P G R A F Y A T ~ D I I R N I R Q A H C	
	11/21	..... ~ ~ ~ ..... ~ .....	R5
	1/21	..... ~ ~ ~ ..... R .....	R5
	2/21	..... ~ ~ ~ ..... M .....	R5
	1/21	..... ~ ~ ~ ..... H .....	R5
	1/21	..... S R Q R G ..... V T I G K ~ G M .....	X4
	3/21	..... I ..... S R Q R G ..... V T I G K ~ G M .....	X4
	1/21	..... S I ..... S R Q R G ..... V T I G K ~ G M .....	X4
	1/21	..... S C Q R G ..... V T I G K ~ G M .....	X4
<b>19</b>			
<b>PBMC at baseline</b>			
	Consensus	C T R P N N N T R R S V P I ~ ~ G P G R A F Y T S ~ E I I G N I R Q A H C	
	8/13	.....	R5
	1/13	..... I .....	R5
	1/13	..... I ..... E .....	R5
	2/13	..... H .....	R5
	1/13	.....	R5
<b>CD4<sup>+</sup> T-cells on cART</b>			
	Consensus	C T R P N N N T R R S V P I ~ ~ G P G R A F Y T S ~ E I I G N I R Q A H C	
	7/11	.....	R5
	2/11	..... S .....	R5
	2/11	..... ~ ~ ~ ..... T .....	R5
<b>CD14<sup>high</sup> CD16<sup>low</sup> monocytes</b>			
	Consensus	C T R P N N N T R K R I R I Q R G P G R A F V T I G ~ K I G N M R Q A H C	
	17/20	.....	X4
	1/20	..... S .....	X4
	1/20	..... G .....	X4
	1/20	..... R .....	X4
<b>20</b>			
<b>PBMC at baseline</b>			
	Consensus	C T R P G N N T R K S V H I G P G R A F Y A T G D I I G D I R Q A H C	
	14/16	.....	R5
	1/16	..... C .....	R5
	1/16	..... E .....	R5
<b>Plasma on cART</b>			
	Consensus	C T R P G N N T R K S V H I G P G R A F Y A T G D I I G D I R R A H C	
	10/12	.....	R5
	1/12	..... V .....	R5
	1/12	..... S .....	R5
<b>CD4<sup>+</sup> T-cells on cART</b>			
	Consensus	C T R P G N N T R K S V H I G P G R A F Y A T G D I I G D I R Q A H C	
	7/11	.....	R5
	2/11	..... T .....	R5
	2/11	..... K .....	R5
	2/11	..... R .....	R5

Patient no.	No. of clones / total tested	Amino acid sequence of the V3 env region	Predicted genotype
<b>22</b>			
<b>PBMC at baseline</b>			
	Consensus	C T R P N N N T R K G I H L G P G G A F Y A T G E I I G N I R Q A H C	
	11/16	.....	R5
	1/16	..... A .....	R5
	1/16	..... R .....	R5
	1/16	..... R .....	R5
	1/16	..... R .....	R5
	1/16	..... R .....	R5
	1/16	..... R .....	R5
<b>CD4<sup>+</sup> T-cells on cART</b>			
	Consensus	C M R P G N N T R K S I S I G P G R A F Y A T G D I I G N I R Q A H C	
	6/13	.....	R5
	2/13	..... T .....	R5
	3/13	..... I .....	R5
	1/13	..... I .....	R5
	1/13	..... T .....	R5
	1/13	..... T .....	R5
<b>CD16<sup>+</sup> monocytes on cART</b>			
	Consensus	C T R P N N N T R K G I H L G P G G A F Y T T G E I I G D I R Q A H C	
	20/24	.....	R5
	4/24	..... A .....	R5
<b>25</b>			
<b>Plasma on cART</b>			
	Consensus	C T R P N N N T R K S I H F G P G R A L Y A T G N I I G D I R Q A H C	
	9/12	.....	R5
	1/12	..... A .....	R5
	1/12	..... G .....	R5
	1/12	..... R .....	R5
<b>CD4<sup>+</sup> T-cells on cART</b>			
	Consensus	C T R P N N N T R K S I H F G P G R A L Y A T G N I I G D I R Q A H C	
	8/10	.....	R5
	1/10	..... E .....	R5
	1/10	..... N .....	R5
<b>29</b>			
<b>Plasma at baseline</b>			
	Consensus	C T R P N N N T R K G I H I G P G R A F Y A T E S I V G N I R Q A H C	
	11/13	.....	R5
	1/13	..... T .....	R5
	1/13	..... T .....	R5
<b>PBMC at baseline</b>			
	Consensus	C T R P N N N T R K G I H I G P G R A F Y A T E S I V G N I R Q A H C	
	8/11	.....	R5
	1/11	..... N .....	R5
	1/11	..... M .....	R5
	1/11	..... L .....	R5
<b>Plasma on cART</b>			
	Consensus	C T R P N N N T R K G I R I G P G R A F Y A T E R I V G N I R Q A H C	
	8/13	.....	X4
	1/13	..... S .....	X4
	1/13	..... S .....	X4
	1/13	..... R .....	X4
	1/13	..... K .....	X4
	1/13	..... T .....	X4
<b>CD4<sup>+</sup> T-cells on cART</b>			
	Consensus	C T R P N N N T R K G I H I G P G R A F Y A T E R I V G N I R Q A H C	
	6/12	.....	X4
	6/12	..... S .....	R5
<b>CD14<sup>high</sup> CD16<sup>+</sup> monocytes on cART</b>			
	Consensus	C T R P S N N T R T G I H M G P G R T L Y A T G A I T G N I R K A Y C	
	12/13	.....	R5
	1/13	..... A .....	R5
<b>CD16<sup>+</sup> monocytes on cART</b>			
	Consensus	C T R P N N N T R K G I H I G P G R A F Y A T E S I V G N I R Q A H C	
	11/12	.....	R5
	1/12	..... M .....	R5