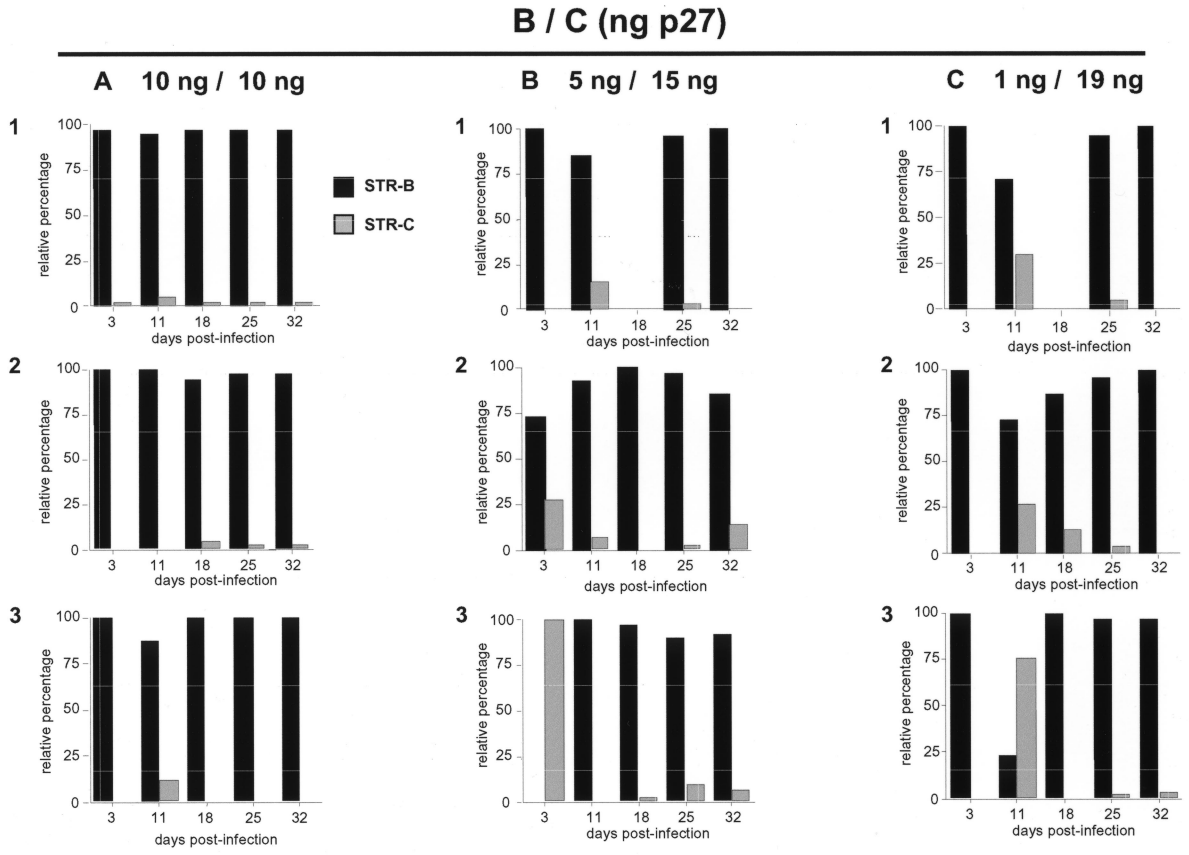
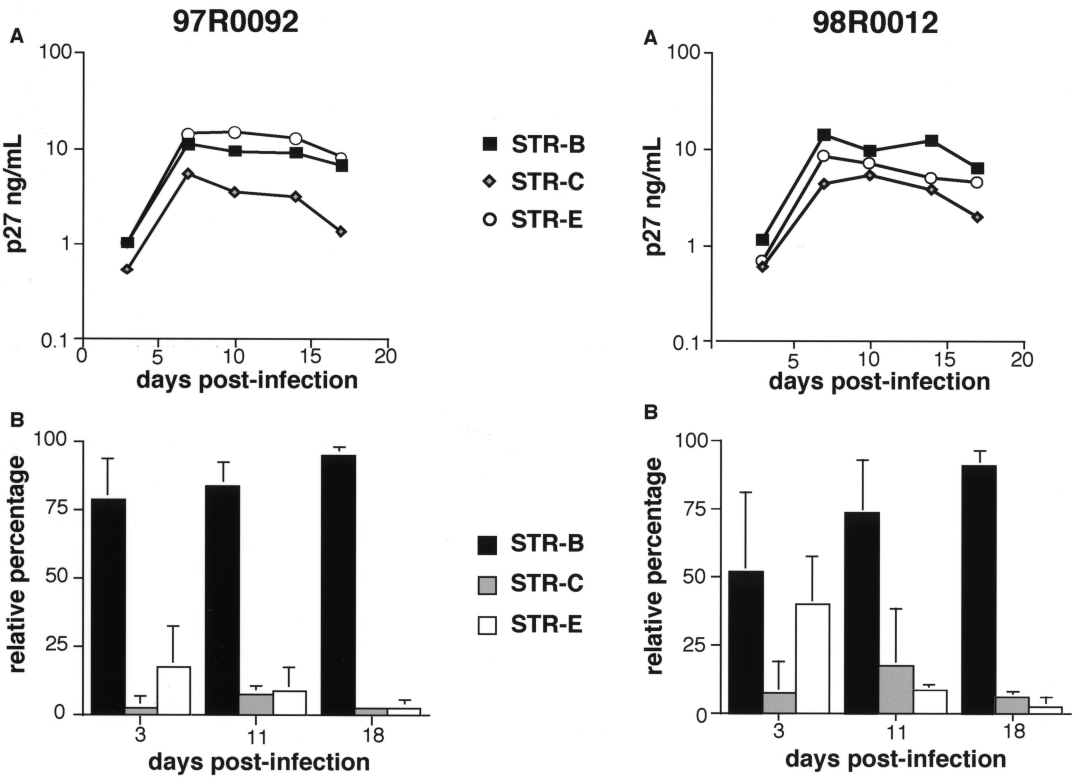
Supplementary Figure 1

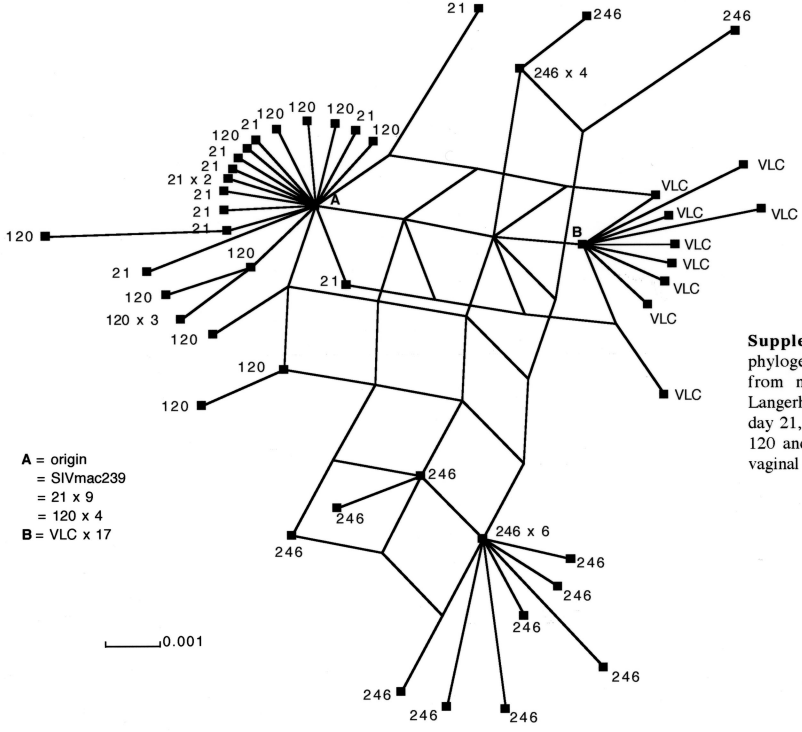
Growth competition experiments on pooled rPBMC. (**A**, **B** and **C**) Co-infections with different amount in ng of STR-B and STR-C chimeras. Experiment were performed in triplicate (**1**, **2** and **3**)



Supplementary Figure 2

(**A**) Replication kinetics and (**B**) growth competition experiment on rPBMC of macaques 97R0092 and 98R0012





Supplementary Figure 3 SplitsTree2.3.1 phylogenetic analysis of V1-V2 *env* sequences from monkey 97R0092 rPBMC and vaginal Langerhans cells. Each sequence from rPBMC of day 21, week 18 and week 36 is indicated by 21, 120 and 246, respectively. Each sequence from vaginal Langerhans cells is named VLC.

Supplementary Table 1 Oligonucleotides used for gel shift and competition assays, PCR, RT-PCR, screening of clade specific clones

Oligonucleotide	Sequence
B-sense	5'-CTAGATGCTGACATCGAGCT-3'
B-antisense	5'-CTAGAGCTCGATGTCAGCAT-3'
C-sense	5'-CTAGATGCTGACACAGAAGT-3'
C-antisense	5'-CTAGACTTCTGTGTCAGCAT-3'
E-sense	5'-CTAGATGCTGACAAAGAAGT-3'
E-antisense	5'-CTAGACTTCTTTGTCAGCAT-3'
TRE-sense	5'-AGCTAGCTGACTCAGATGTCCT-3'
TRE-antisense	5'-AGCTAGGACATCTGAGTCAGCT-3'
293-3'-8998	5'-GGACGGAATTCAATGCTAGCTAAGTTAAGG-3'
293-9680-PPT	5'-ATACCCTCGAGACCACCTTTCTCCTTAATGAAGTGAGACATGTCTATTG-3'
239-935-XhoI	5'-GGTGGTCTCGAGGGTATATACTATAGTGCAAGAAGACATAG-3'
239-650-MluI	5'-ATAAAATACGCGTTATTAGCGAGTTTCCTTCTTGTCAG-3'
STR-MLU	5'-GCTAATAACGCGTATTTTATAAAAGAAAAGGGGGGACTGGAAGGGATTTAAACAGCAGGGACTTTCCACAAG-3'
NARSALECOSIV3'	5'-ACTCGGAATTCGTCGACGGCGCCAATCTGCTAGGGATTTTCCTGCTTCGG-3'
SPHSMASIV5	5'-ATATAGCATGCACGCGTATTTTATAAAAGAAAAGGGGGGACTGGAAGGGATTTAAACCCGGGCAGCAGGGACTTTCCACAA-3'
PSTSIV5	5'-ACTCGCTGCAGTCGCTCTGCGGAGAGGCTGG-3'
SMAHIV5	5'-ACTCGCCCGGGTCCGGCGTACTTCAAGAACTGCT-3'
PSTHIV3	5'-ACTCGCTGCAGTACAGGCAAAAAGCAGCTGCT-3'
PSPAIHIVC5	5'-TCTCGCCCGGGTCCGGACTTTTACAAAGACTGCT-3'
PSTHIVC3	5'-TCTCGCTGCAGTACAAGCGAAAAGCAGCTGCT-3'
PSPAIHIVE5	5'-TCTCGCCCGGGTCCGGAGTACTATAAAGACTGCT-3'
PSTHIVE3	5'-TCTCGCTGCAGTACAAGCGAAAAGCGGCTGCT-3'
STRSMAP5	5′-TGGAAGGGATTTAAACCCGGG-3'
gag1201	5′-TCTTCCTCTCCCGCTCCTCACGCCGT-3'
BCE5ON	5′-GGATTTAAACCCGGGTCCGGA-3'
NARSIV3	5′-ACTCGGGCGCCAATCTGCTAGGGATTTTCCTGCTTCGG-3'
COMPB	5'-GCTGACATCGAGCTTGCTACAA-3'
ECOMP	5'-ATAAAGACTGCTGACAAAGAAGTTTCTAACTAGG-3'
R3OUT	5'-ACCTGCTAGTGCTGGAGAGA-3'
R3ON	5'-AATCTGCCAGCCTCTCCGCAGAG-3'
SIVOUT5239	5'-GAGGATGTATGGCAACTCTTTGAG-3'
C3OUT3	5'-CCTGGGATGTTTGACAATGGTCTG-3'
SIVIN5	5'-TTGAGACCTCAATAAAGCCTTGTG-3'
C3IN3	5'-GGTCTGCTTCACCTCTTTTATTG-3'

Supplementary Table 2

Antibodies used for flow cytometric analysis and indirect immunohistochemistry staining

Antibody	clone	dilution	Source
anti-human CD4-PE	M-T477	-	BD Biosciences
anti-human CD8-PerCP	SK1	1/100	BD Biosciences
anti-rhesus monkey CD3-FITC	FN18	1/100	Biosource
anti-human CD20-APC	2H7	-	BD Biosciences
anti-human CD1a	SK9	1/200	BD Biosciences
anti-human HLA DR	L243	1/300	BD Biosciences
anti-human CD68	EBM11	1/400	Dako
$F(ab')_2$ goat anti-mouse IgG (H+L)-FITC	62-6311	1/50	Zymed