

↑ Supplementary Figure 1 online  
(Simon et al.)

	11	22	32	40	45								
NL4-3	MENRWQVMIV	<b>WQ</b> VDRMRINT	<b>WK</b> RLVKHHMY	<b>IS</b> RKAKDWFY	RHHY <b>ES</b> TNPK	ISSEVHIPLG	<b>DA</b> KLVIITYW	GLHT <b>GE</b> RDWH	LGGVGSIEWR	KKRYSTQVDP			
P1-9		-S-	-G-	-H-									
<u>P1-10</u>		-S-	-G-	-H-									
P2-8		-RA-	-S-	-R-G-	-G-								-N-
<u>P2-6</u>		-RA-	-S-	-R-G-	-G-								-N-
<u>P2-7</u>		<b>R</b> -	-RA-	-S-	-R-G-	-G-					<b>E</b> -		<b>R</b> -
P3-2		-R-	-S-	-G-	-G-						-R-		-R-
<u>P3-5</u>		-R-	-S-	-G-	-G-	<b>H</b>					-R-		-R-
<u>P3-6</u>		-R-	-S-	-G-	-G-						-R-		-R-
V1-3		-RA-	-S-	-G-	-RK-						E-	V-	QR-
<u>V1-5</u>		-RA-	-S-	-A-	-G-	-RK-					E-	V-	QR-
<u>V1-12</u>		-RA-	-S-	-G-	-RK-						E-	V-	QR-
V2-1		-V-	-K-	-S-	-H-	-R-	-SG-				-R-	-V-	-A-
<u>V2-5</u>		-V-	-K-	<b>ES</b>	-H-	-R-	-SG-				-R-	-V-	-A-
V3-2		-R-	-S-	-H-	-G-	-G-	-V-				-R-	-V-	-A-
<u>V3-8</u>		-R-	-S-	-H-	<b>PG</b>	-G-	-V-				-R-	-V-	-A-
V4-1		-R-	-NS-	-Y-	-V-	-K-	-SG-				-N-	-PH-	-R-
<u>V4-8</u>		<b>*</b>	-R-	-NS-	-Y-	-V-	-K-	-SG-			-N-	-PH-	-R-

100

	115	138	143	150									
NL4-3	DLADQLIHLH	YFDC <b>PS</b> ESAI	RNTILGRIVS	PRCEYQAGHN	KV <b>GS</b> LQYLAL	AALIKPKQIK	PPLPSVRKLT	EDRWNKPKQT	KGHRGSHTMN	GH*			
P1-9	N-	-Y-	-A-	-V-	-H-	-S-							-T-
<u>P1-10</u>	N-	-Y-	-A-	-V-	-H-	-S-							-T-
P2-8	N-	-Y-	-A-	-V-	-H-	-S-							-T-
<u>P2-6</u>	N-	-Y-	-A-	-V-	-H-	-S-							-T-
<u>P2-7</u>	N-	-Y-	-A-	-V-	-H-	-S-							-T-
P3-2	N-	-Y-	-A-	-V-	-H-	-S-							-T-
<u>P3-5</u>	N-	-Y-	-A-	-V-	-H-	-S-							-T-
<u>P3-6</u>	N-	-Y-	<b>S</b> -	-A-	-H-	-S-							-T-
V1-3		-KAL-	-YR-	T-									-R-
<u>V1-5</u>		-KAL-	-YR-	T-									-R-
<u>V1-12</u>		-KAL-	-YR-	T-									-R-
V2-1	G-	-QY	-A-	-H-	-S-								-R-
<u>V2-5</u>	G-	-QY	-A-	-H-	-S-								-R-
V3-2	G-	-T-R-	-Y-	-A-	-H-	-S-							-R-
<u>V3-8</u>	G-	-T-R-	-Y-	-A-	-H-	-S-							-R-
V4-1	G-	-T-R-	-Y-	-A-	-H-	-S-							-R-
<u>V4-8</u>	G-	-T-R-	-Y-	-A-	-H-	-S-							-R-

192

**Supplemental Figure 1:** The sequences of functional and non-functional vif alleles (underlined) were compared in order to identify positions relevant for inactivation of Vif. The residues in which the alleles differ are depicted in bold. In some instances the closest related functional allele differed in more than one residue from its non-functional counterpart. \* at position 11 of V4-8 depicts a premature stop codon.