



Supplementary Material

CCR5 Δ 32 and SDF1 3'A: Gene Variants, Expression and Influence on Biological Markers for the Clinical Progression to AIDS Among HIV-1 Virus Controllers in a Mixed Population of the Amazon Region of Brazil

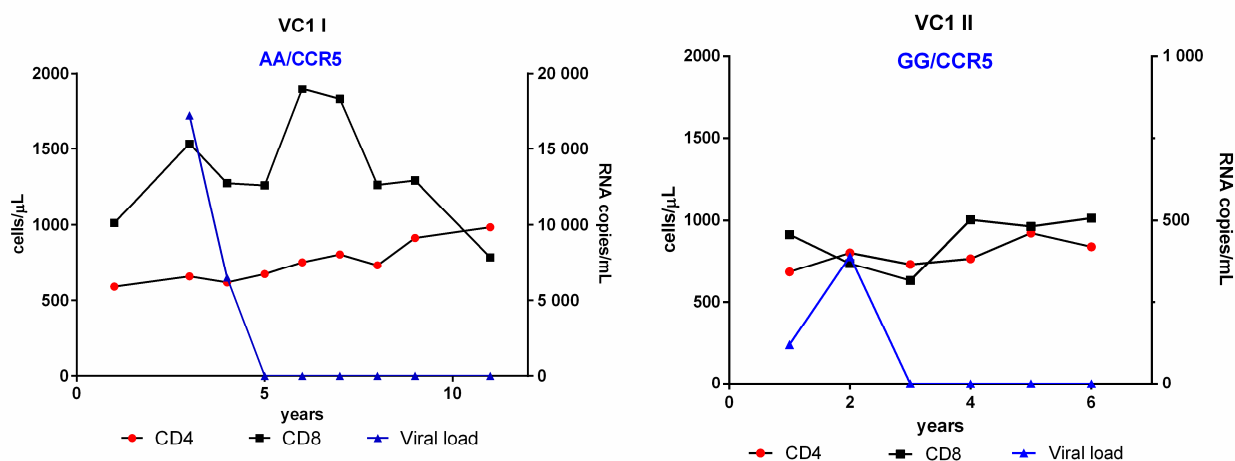
Érica Ribeiro Gomes Lima¹, Maria Alice Freitas Queiroz^{1*}, Sandra Souza Lima¹, Luiz Fernando Almeida Machado¹, Izaura Maria V Cayres-Vallinoto¹, Antonio Carlos Rosário Vallinoto¹, Fernanda Andreza de Pinho Lott Figueiredo², João Farias Guerreiro², Marluísa de Oliveira Guimarães Ishak¹ and Ricardo Ishak¹

¹ Virus Laboratory, Institute of Biological Sciences, Federal University of Pará, Belém, Brazil

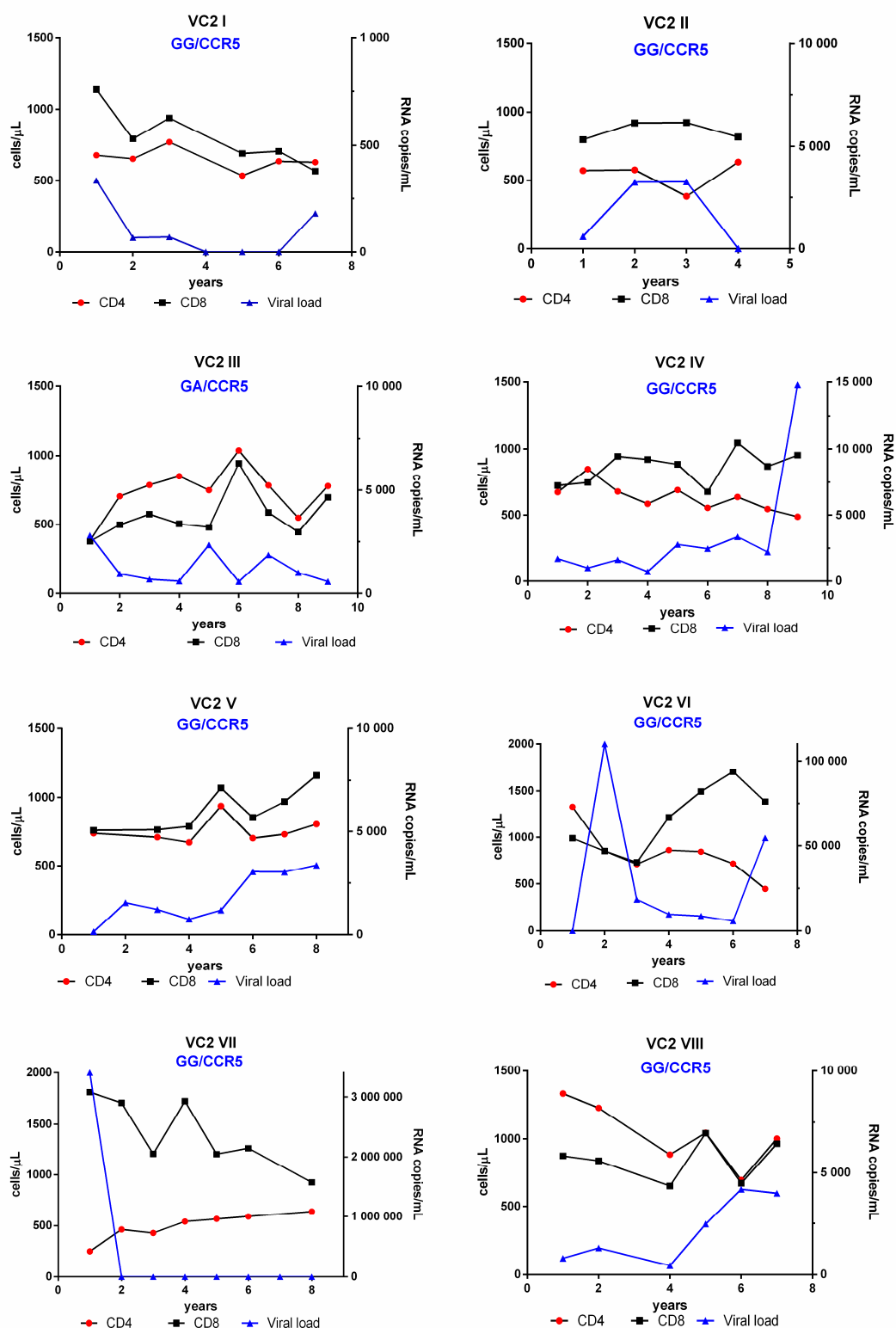
² Human and Medical Genetics Laboratory, Institute of Biological Sciences, Federal University of Pará, Belém, Brazil

* Correspondence: Maria Alice Freitas Queiroz; alicefarma@hotmail.com

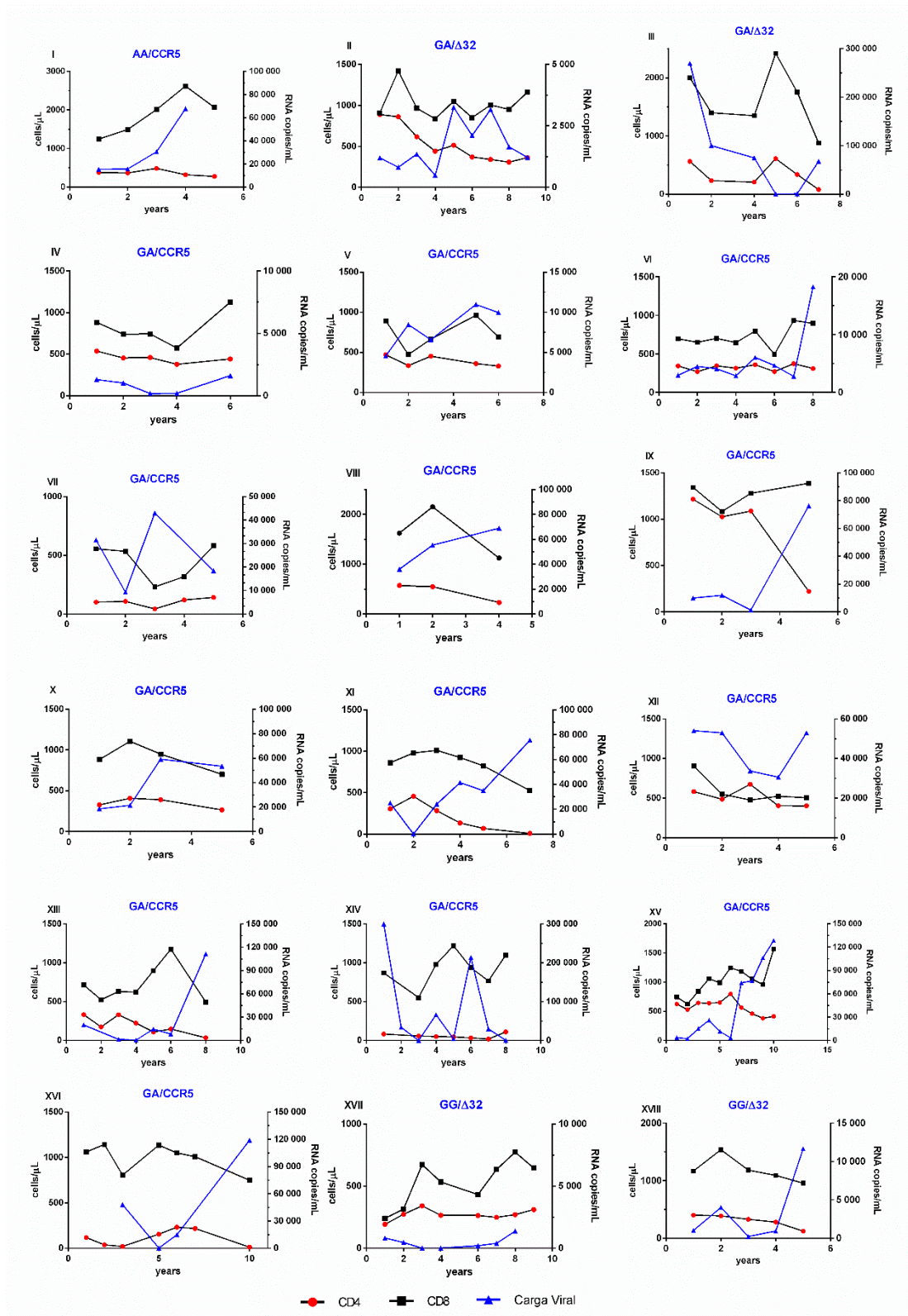
Supplementary Figures



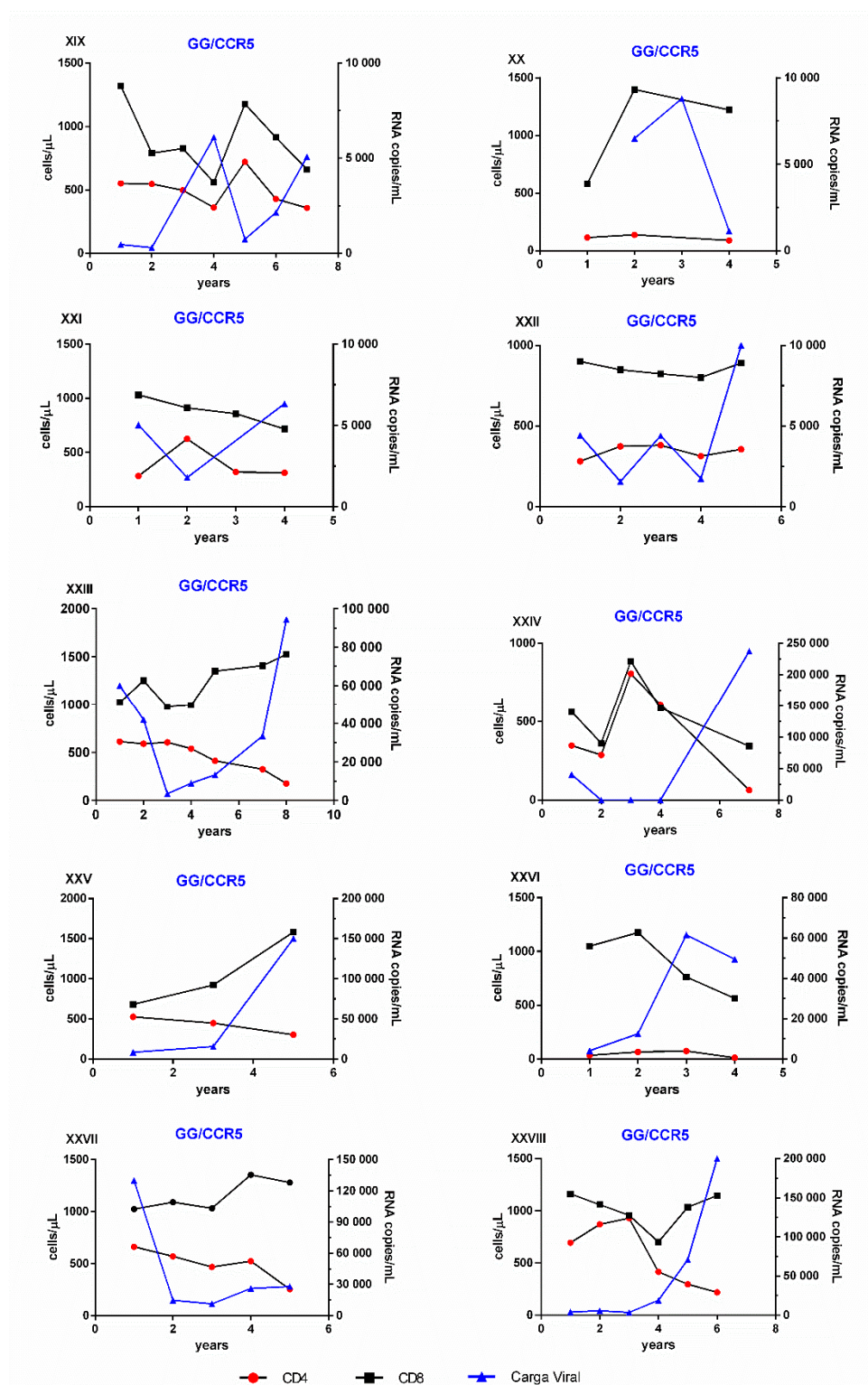
Supplementary Figure S1. Evolution of CD4⁺ TL and CD8⁺ TL counts and HIV-1 plasma viral load from the year of diagnosis or the first available quantification among viremia controller 1 (VC1). AA: homozygous mutant for the *SDF1*-3'A variant. GG: wild homozygous for the *SDF1*-3'A.



Supplementary Figure S2. Evolution of CD4⁺ TL and CD8⁺ TL quantification and HIV-1 plasma viral load from the year of diagnosis or the first available quantification among viremia controller 2 (VC2). GA: heterozygous for the *SDF1*-3'A variant. GG: wild homozygous for the *SDF1*-3'A.



Supplementary Figure S3. Evolution of CD4⁺ TL and CD8⁺ TL quantification and HIV-1 plasma viral load, from the year of diagnosis or the first available quantification among viremia non-controllers (NC). AA: homozygous mutant for the *SDF1*-3'A variant. GA: heterozygous for the *SDF1*-3'A variant; Δ32: presence of the *CCR5*Δ32 variant.



Supplementary Figure S3 (cont.). Evolution of CD4⁺ TL and CD8⁺ TL quantification and HIV-1 plasma viral load, from the year of diagnosis or the first available quantification among viremia non-controllers (NC). AA: homozygous mutant for the *SDF1*-3'A variant. GA: heterozygous for the *SDF1*-3'A variant; Δ32: presence of the *CCR5*Δ32 variant.