Figure S1. Antigen recognition of CHIKV-infected macaques' sera. Codon-optimized cDNA clones encoding the CHIKV proteome were synthesized (Genescript Corporation) and sub-cloned into pDisplay (pD) expression vector (Invitrogen). Recombinant CHIKV proteins were expressed in HEK 293T cells and purified. Total cell lysates were prepared from transiently expressed E2 glycoprotein (E2), E1 glycoprotein (E1) and 6K protein. Lysates were subjected to SDS-PAGE gel electrophoresis and probed with CHIKV-infected macaques' sera at a dilution of 1:2,000, followed by secondary HRP-conjugated anti-monkey IgG. Control cell lysates were prepared from cells transiently transfected with pD plasmids.