Supplementary Figure S1

Pseudovirus neutralization assay was established by the use of 293T Cells transiently expressing ACE2/TMPRSS2. Pseudovirus infectivity was enhanced by the truncation of 19 amino acids from the C-terminal end of the parental Wuhan spike sequence to generate a variant designated as (CΔ19 spike) (panel A). Pseudovirus concentration was quantified as a function of p24 while infectivity is expressed as NunLuc luminescence.

Plasma from 3 representative PLWH on ART exhibited unspecific inhibition against the HIV lentiviral backbone pseudotyped by VSV-G envelope, MuLV envelope, and Wuhan spike (panel B). However, purification of polyclonal IgG showed Wuhan Spike-specific inhibition against which the participants were vaccinated.