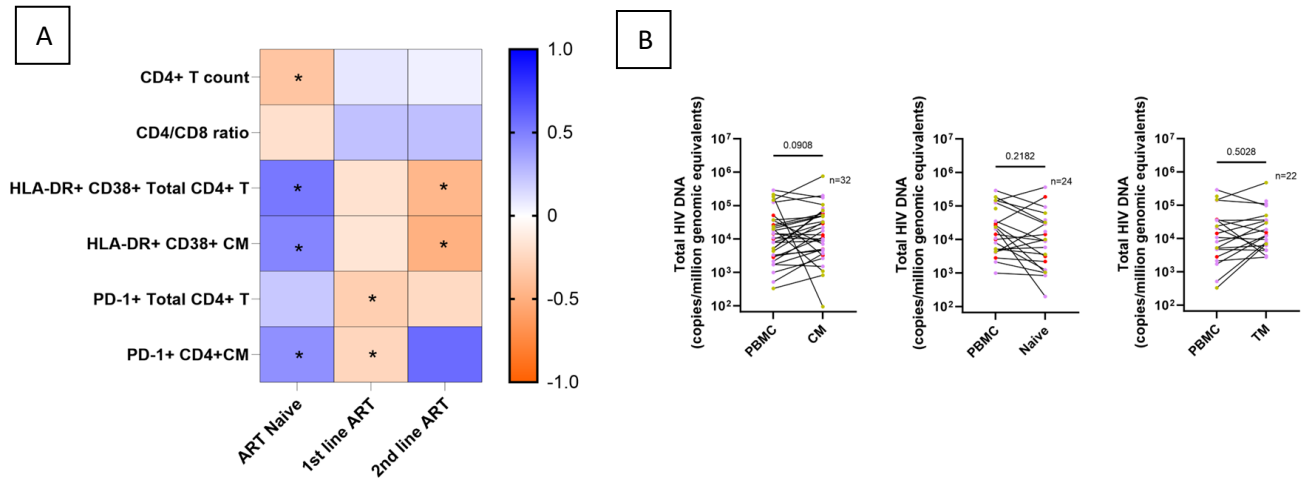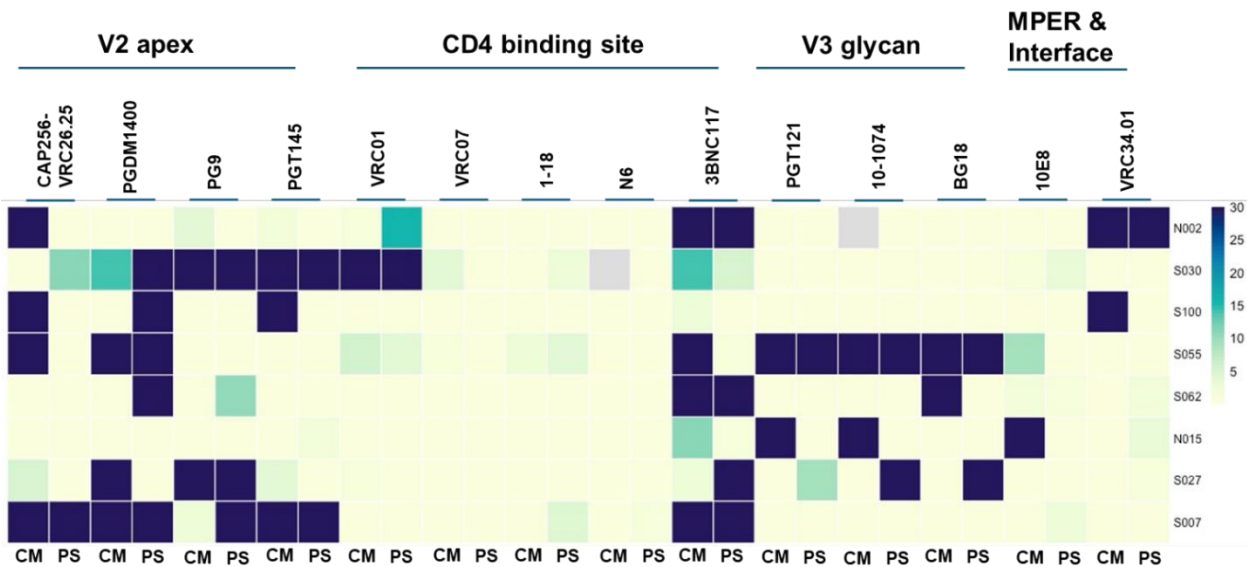# Effect of Anti-Retroviral therapy on association between reservoir size and functional markers



**Association between proviral loads and functional markers**. (A) Correlation between PBMC proviral load in ART naïve, 1st line ART receiving, 2nd line ART receiving groups (as columns) with CD4+ cell count, CD4/CD8 ratio, HLA-DR+ CD38+ co-expression in total and CM CD4+ T subsets and PD-1 expression in total and CM CD4+ T subsets (as rows) displayed in the heatmap. Orange indicates negative correlation and purple indicates positive correlation. (B) Paired analysis of provial DNA enrichment (from left to right) in CM, naïve and TM CD4+ T subsets compared to PBMC. Statistical analysis was done using Wilcoxon t test

# Neutralization diversity of reservoir derived viruses



***In vitro* validation of bnAb based neutralization of env pseudo-viruses from individuals**. 14 bnAbs were tested for their efficiency to neutralise pseudoviruses generated from 8 participants. bnAbs are classified as per their target epitopes Colour gradation low to high represents resistance to bnAbs in central memory compartment Vs PS (PBMC) compartment.