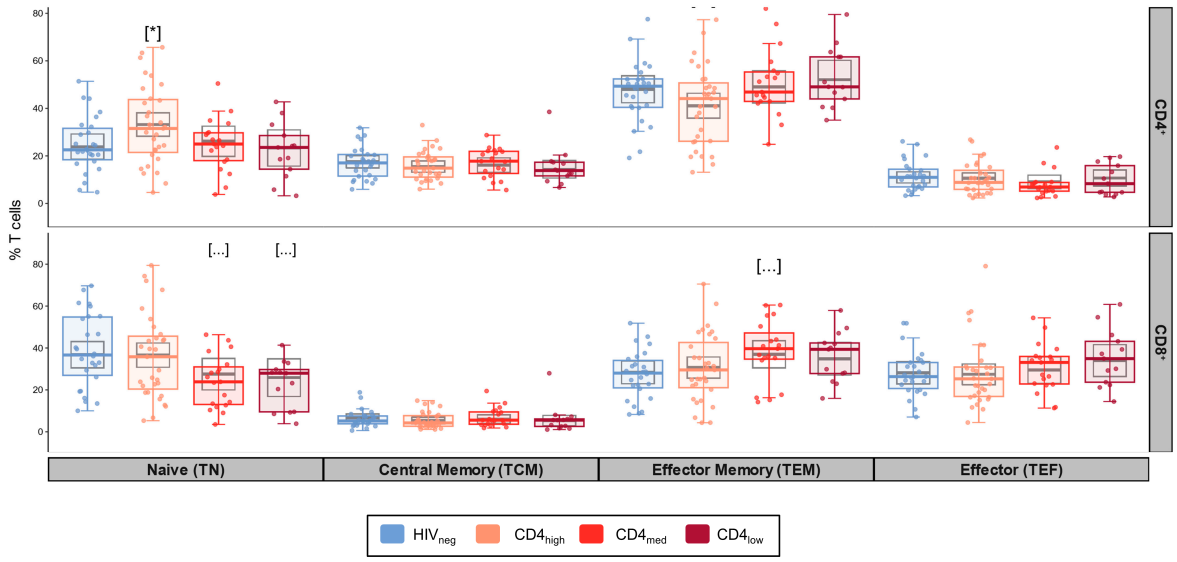



**Figure S1.** Frequencies of T cell subsets in PLWH and control groups. … $p < 0.1$; * $p < 0.05$.

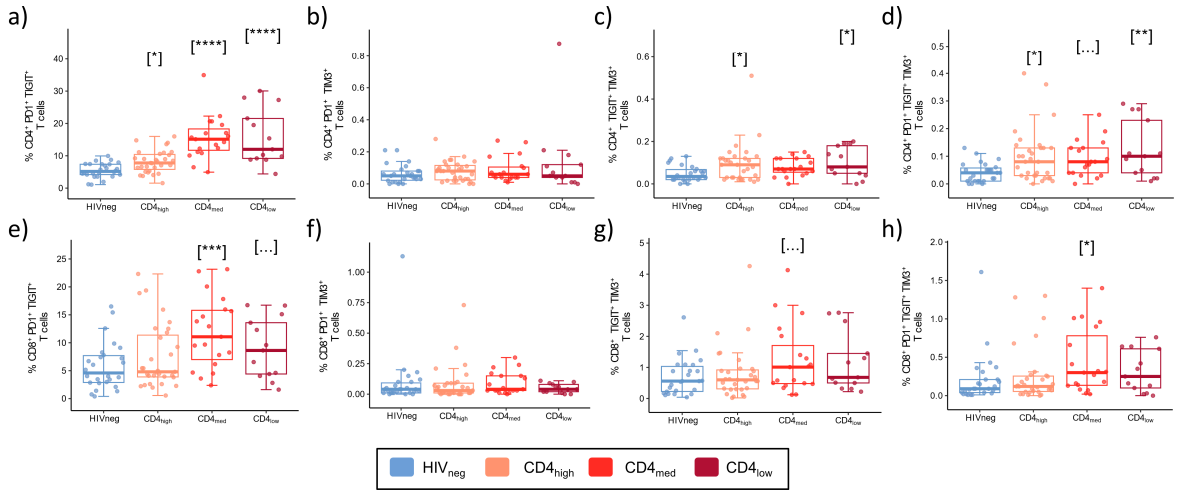



**Figure S2.** Boolean combination of exhaustion markers in total T cells in PLWH and control groups. … $p < 0.1$; * $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$; and **** $p < 0.0001$.

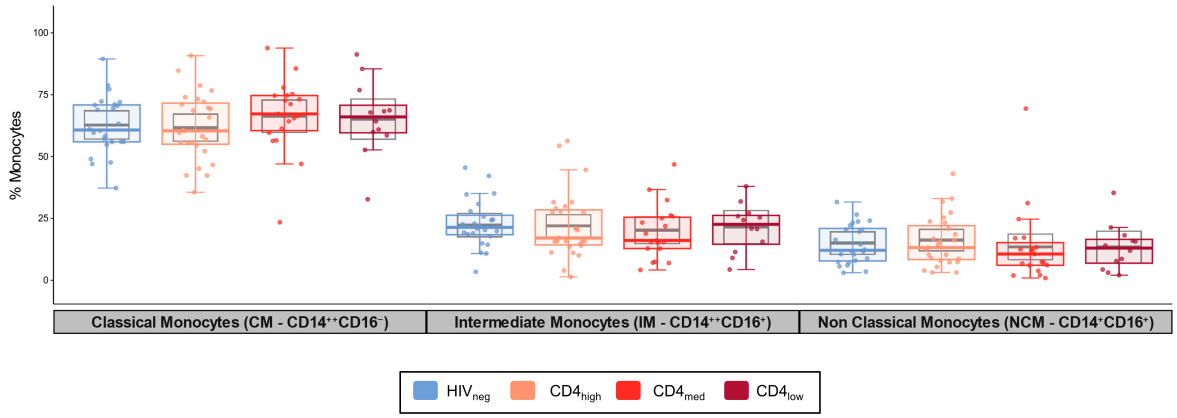



**Figure S3.** Monocyte subsets in PLWH and control groups.

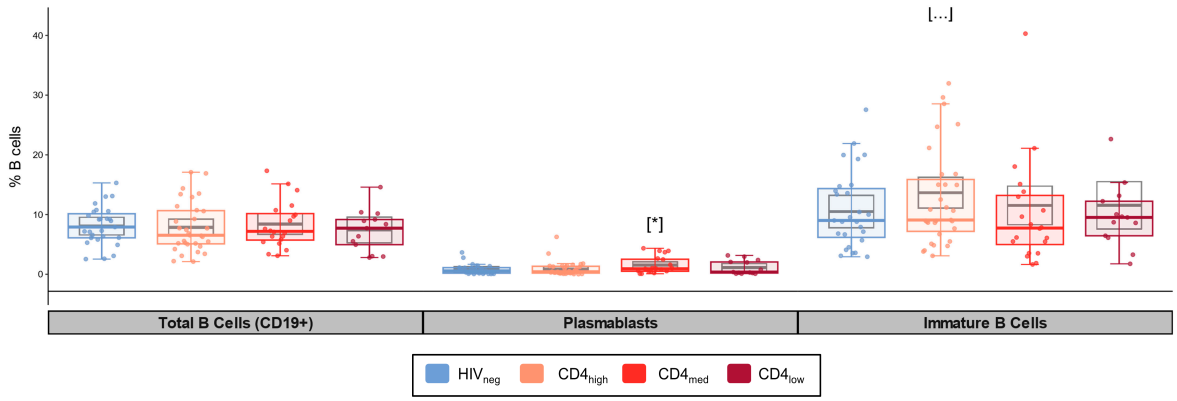



**Figure S4.** Total B cells, plasmablasts, and immature B cells in PLWH and control groups. … $p < 0.1$; * $p < 0.05$.

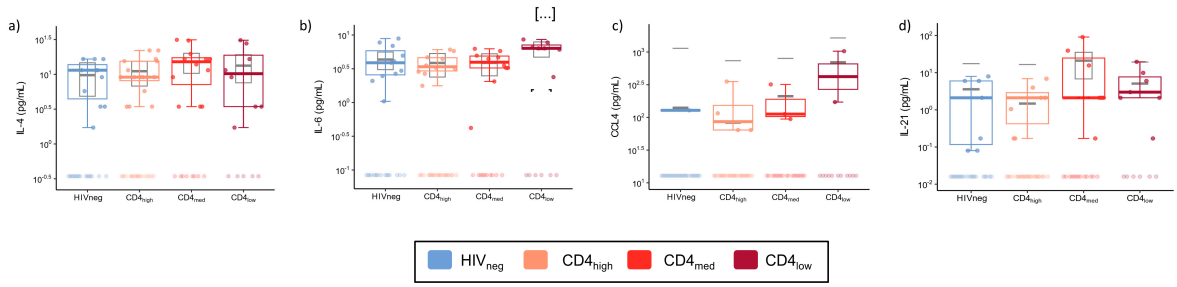



**Figure S5.** Plasma levels of soluble markers in PLWH and control groups. … $p < 0.1$.