

Table S4. Immunological biomarkers associated with US RNA / MS RNA ratio at 12 weeks of ART.

Biomarker	rho	P^a
CD4	-0.36	0.078
CD4/CD8 ratio	-0.47	0.019
CD4+ T-cell subsets		
CD4+ Tn	-0.35	0.11
CD4+ Ttd	0.08	0.72
CD4+ Tcm	-0.37	0.067
CD4+ Ttm	0.14	0.50
CD4+ Tem	0.41	0.040
CD4+/CD31+/CD45RA+	-0.40	0.050
CD4+ Naive T-cell CD31+ subset	0.06	0.78
CD4+/Ki67+	-0.10	0.65
Treg	0.15	0.48
CD8+ T-cell subsets		
CD8+ Tn	-0.45	0.025
CD8+ Te	0.38	0.064
CD8+ Tcm	-0.22	0.30
CD8+ Ttm	-0.21	0.32
CD8+ Tem	0.19	0.36
CD8+ / Ki67+	-0.19	0.35
CD4+ activation and exhaustion		
CD4+/CD38+	0.09	0.66
CD4+/CD57+	0.42	0.039
CD4+/CTLA-4+	-0.02	0.93
CD4+/HLA-DR+	0.52	<u>0.0071</u>
CD4+/PD-1+	0.29	0.15
CD4+/HLA-DR+/CD38+	0.63	<u>7.82E-04</u>
CD4+/CTLA-4+/PD-1+	0.34	0.10
CD4+/CD57+/PD-1+	0.45	0.027
CD4+/CD57+/HLA-DR+	0.46	0.025
CD8+ activation and exhaustion		
CD8+/CD38+	0.24	0.24
CD8+/CD57+	0.30	0.15
CD8+/CTLA-4+	-0.23	0.27
CD8+/HLA-DR+	0.39	0.051
CD8+/PD-1+	-0.06	0.78
CD8+/HLA-DR+/CD38+	0.39	0.056
CD8+/CTLA-4+/PD-1+	-0.14	0.50
CD8+/CD57+/PD-1+	0.06	0.77
CD8+/CD57+/HLA-DR+	0.21	0.32
CD4+ apoptosis		
CD4+ / Annexin-V+	0.45	0.026
CD4+FAS+	0.46	0.022
CD4+/AV+/FAS+	0.59	<u>0.0023</u>
CD4+/AV+/CD38+	0.43	0.038

CD4+/AV+/HLA-DR+	0.57	<u>0.0034</u>
CD8+ apoptosis		
CD8+/ Annexin-V+	0.29	0.18
CD8+FAS+	0.38	0.070
CD8+/AV+/FAS+	0.35	0.089
CD8+/AV+/CD38+	0.40	0.050
CD8+/AV+/HLA-DR+	0.36	0.082

^a Significant P values are shown in bold type, those that remained significant after correction for multiple comparisons are underlined.