

Supplementary Table S3. Multiple factors influencing TTV DNA load in PTLD patients after HSCT

Patient	Timepoint after HSCT					
	T0		T1		T2	
	Mean [log ₁₀ copies/ml]	p-value	Mean [log ₁₀ copies/ml]	p-value	Mean [log ₁₀ copies/ml]	p-value
Age						
<25 vs 26-55 years	3.99 vs 4.78	0.98	7.07 vs 6.41	0.99	6.61 vs 7.69	0.99
<25 vs >56 years	3.99 vs 4.38	>0.99	7.07 vs 5.95	0.92	6.61 vs 5.86	0.99
26-55 vs >56 years	4.78 vs 4.38	0.99	6.41 vs 5.95	0.99	7.69 vs 5.86	0.19
Gender						
Female vs Male	4.31 vs 4.87	0.65	6.01 vs 6.46	0.88	6.18 vs 7.17	0.53
CMV status						
CMV D-/R- vs CMV D+/R-	3.51 vs 5.05	0.94	4.28 vs 5.91	0.93	5.79 vs 6.49	>0.99
CMV D-/R- vs CMV D-/R+	3.51 vs 5.03	0.99	4.28 vs 6.30	0.99	5.79 vs 5.27	>0.99
CMV D-/R- vs CMV D+/R+	3.51 vs 4.36	NA	4.28 vs 7.43	NA	5.79 vs 8.04	NA
CMV D+/R- vs CMV D-/R+	5.05 vs 5.03	>0.99	5.91 vs 6.30	>0.99	6.49 vs 5.27	>0.99
CMV D+/R- vs CMV D+/R+	5.05 vs 4.36	NA	5.91 vs 7.43	NA	6.49 vs 8.04	NA
CMV D-/R+ vs CMV D+/R+	5.03 vs 4.36	NA	6.30 vs 7.43	NA	5.27 vs 8.04	NA
CMV mismatch						
Match vs mismatch	3.72 vs 5.04	0.17	5.07 vs 6.04	0.77	6.35 vs 6.08	0.99
Co-infections						
Presence vs Absence	7.54 vs 4.47	NA	6.69 vs 6.12	0.89	7.30 vs 6.11	0.89
HPC source						
HPC-A vs HPC-M	4.61 vs 4.58	>0.99	6.36 vs 5.82	0.87	7.09 vs 5.28	0.44
HSCT subtype						
MUD vs MRD	4.45 vs 4.39	>0.99	6.35 vs 6.25	>0.99	6.71 vs 5.59	>0.99
MUD vs Haplo-id	4.45 vs 5.23	0.99	6.35 vs 6.10	>0.99	6.71 vs 7.28	>0.99
MUD vs UCB	4.45 vs 3.79	NA	6.35 vs 5.09	NA	6.71 vs 6.43	NA
MRD vs Haplo-id	4.39 vs 5.23	>0.99	6.25 vs 6.10	>0.99	5.59 vs 7.28	>0.99
MRD vs UCB	4.39 vs 3.79	NA	6.25 vs 5.09	NA	5.59 vs 6.43	NA
Haplo-id vs UCB	5.23 vs 3.79	NA	6.11 vs 5.09	NA	7.28 vs 6.43	NA
Underlying disorder type						
Lymphoid vs myeloid malignancies	4.68 vs 4.86	0.99	5.70 vs 6.45	0.77	6.67 vs 6.61	0.99
Ablative conditioning						
No vs Yes	4.44 vs 5.00	0.79	6.33 vs 6.04	0.97	6.61 vs 6.90	0.98
PTLD classification						
Non Destructive vs Destructive	3.54 vs 4.95	0.01	4.76 vs 6.43	0.03	5.91 vs 6.79	0.84
Outcome						
Alive vs Deceased	5.33 vs 3.94	0.03	6.78 vs 5.75	0.32	7.74 vs 5.74	0.02

CMV status: D (Donor), R (recipient); HPC (Hematopoietic progenitor cells): HPC-A (Hematopoietic progenitor cells from apheresis), HPC-M (Hematopoietic progenitor cells from bone marrow); HSCT subtype: MUD (matched-unrelated-donor), MRD (matched-related-donor), haplo-id (Haploidentical hematopoietic stem cell transplantation), UCB (Umbilical cord blood); PTLD classification: ND (non-destructive), D (destructive); Survival: A (alive), D (Deceased).