

Table S1. Characteristics of the individuals assessed for HLA genotypes and RBD-S1-specific Th1 responses.

Table S1a. PEPwtRBD reactivities in the COV3APHP and ONCOVID cohorts studied for HLA allele phenotypes (n=59).

Characteristics	Overall. n=59	Longitudinal PEPwtRBD-specific IFN γ reactivity (Vidas®-30)		
		PEPwtRBD ⁻ . n=17	PEPwtRBD ⁺ . n=42	p- value
Age (years)				
Median [range]	46 [20-78]	51 [20-71]	44 [21-78]	0.079 ¹
Sex - n (%)				
Female	43 (73)	10 (59)	33 (79)	0.195 ²
Male	16 (27)	7 (41)	9 (21)	
Cancer - n (%)				
No	46 (78)	9 (53)	37 (88)	0.006 ²
Yes - n (%)	13 (22)	8 (47)	5 (12)	
Sampling number for each patient - n (%)				
1	33 (56)	9 (53)	24 (57)	0.137 ³
2	19 (32)	7 (41)	12 (29)	
3	6 (10)	0 (0)	6 (14)	
4	1 (2)	1 (6)	0 (0)	

¹ Wilcoxon test

² Fisher's exact test

³ Chi-squared test

Table S1b. PEPwtRBD reactivities in the COV3APHP cohort studied for HLA allele phenotypes (n=114).

Characteristics	Overall. n=114	Longitudinal PEPwtRBD-specific IFN γ reactivity (Vidas®-30)		
		PEPwtRBD ⁻ . n=28	PEPwtRBD ⁺ . n=86	p- value
Age (years)				
Median [range]	39 [19-70]	39 [19-63]	41 [21-70]	0.547 ¹
Sex - n (%)				
Female	86 (75)	22 (79)	64 (74)	0.802 ²
Male	28 (25)	6 (21)	22 (26)	
Sampling number for each patient - n (%)				
2	5 (4)	3 (11)	2 (2)	0.014 ³
3	21 (19)	9 (32)	12 (14)	
4	17 (15)	6 (21)	11 (13)	
5	70 (61)	10 (36)	60 (70)	
8	1 (1)	0 (0)	1 (1)	

¹ Wilcoxon test

² Fisher's exact test

³ Chi-squared test