

Supplementary table. Main clinical and laboratory data of patients included in the study.

Patient No	Sex	Age	Underlying condition	Lymphocyte blood count (cells/mm ³)	Use of previous systemic glucocorticoid therapy	PJP diagnosis	OW			BAL			
							Days of PJP treatment before sampling	DHPS PCR result (Ct)	SSU PCR result (Ct)	Days between OW and BAL sampling	Days of PJP treatment before sampling	DHPS PCR result (Ct)	SSU PCR result (Ct)
1	F	65	Breast cancer	330	Yes	Yes	-	36.8	35.3	0	-	33.2	28.8
2	F	60	Marginal lymphoma	2278	No	No	2	Negative	Negative	1	1	37.8	38.3
3	M	56	Kidney transplantation	1500	Yes	No	8	Negative	Negative	2	10	Negative	Negative
4	F	58	HSCT (AML)	300	No	No	-	Negative	Negative	2	2	Negative	Negative
5	F	70	Lung cancer	203	Yes	Yes	1	37.4	35.2	1	2	35.1	30.6
6	F	71	Follicular lymphoma	290	No	No	3	Negative	ND	2	5	Negative	Negative
7	F	53	HSCT (MDS)	1400	No	No	-	36.5	33.5	1	-	35.6	31.1
8	M	65	Bladder carcinoma	1300	Yes	No	-	36.2	30.9	0	-	36.8	32.1
9	M	69	HSCT (polycythaemia vera)	200	No	No	-	Negative	Negative	2	2	Negative	Negative
10	F	69	ALL	1090	No	No	-	Negative	Negative	1	1	Negative	Negative
11	M	71	Esophageal adenocarcinoma	697	Yes	Yes	-	36.9	33.1	2	1	35.5	Negative
12	M	68	DLCL	1011	Yes	No	-	37.6	34.8	1	-	37.6	33.3
13(*)	M	60	HIV and liver transplantation	1130	No	Yes	-	30.4	26.3	-	-	-	-
14	M	64	Liver transplantation	800	Yes	No	4	Negative	Negative	0	4	Negative	Negative
15	F	65	CLL	800	No	Yes	-	36.9	33.9	2	1	38.4	32.1

16	F	62	Dermatomyositis	900	Yes	Yes	1	35.7	35.7	1	2	33.4	29.1
17	M	27	HSCT (CGD)	780	Yes	No	3	Negative	Negative	1	4	Negative	Negative
18	M	51	Primary brain lymphoma	323	No	Yes	1	35.1	31.7	0	1	33.1	30.2
19	M	54	Follicular lymphoma	289	Yes	No	-	Negative	Negative	0	-	Negative	Negative
20	F	79	DLCL	331	No	No	-	Negative	Negative	1	-	Negative	Negative
21	M	51	Astrocytoma	1098	Yes	No	1	Negative	Negative	0	1	38.0	30.9
22	M	68	Pancreas cancer	478	No	Yes	-	34.9	32.1	1	1	35.7	32.0
23	F	55	Follicular lymphoma	1039	No	Yes	-	38.1	35.2	1	1	34.2	30.1
24	F	51	HSCT (ALL)	2808	Yes	No	-	Negative	Negative	2	2	Negative	Negative
25	F	75	Choroid melanoma	942	No	No	-	Negative	Negative	0	-	37.0	33.9
26	F	53	Lung cancer	700	No	No	2	Negative	Negative	2	4	Negative	Negative
27	F	59	Breast cancer	500	Yes	Yes	-	33.1	29.5	2	2	32.7	28.4
28	M	63	Lung cancer	1100	Yes	No	-	Negative	Negative	2	2	Negative	33.9
29	F	58	Breast cancer	584	Yes	Yes	-	36.2	36.0	1	1	35.8	30.5
30	M	71	DLCL	200	Yes	No	-	Negative	Negative	1	1	37.3	33.6
31	M	78	Liver transplantation	664	No	Yes	-	36.6	29.7	1	1	33.8	ND
32	M	40	HIV	1113	No	Yes	1	26.6	22.7	0	1	24.0	23.0
33	F	44	HIV	1600	No	No	-	Negative	Negative	2	1	Negative	Negative
34	M	42	HIV	900	No	Yes	-	35.1	29.8	1	1	31.5	25.1
35	M	56	HIV	1120	No	Yes	-	34.7	28.3	1	1	23.1	18.7
36	M	49	HIV	2000	No	No	-	Negative	Negative	0	1	Negative	Negative

(*) BAL specimen was not available but PJP was diagnosed on cytological analysis of lung biopsy.

M: male, F: female, HSCT: hematopoietic stem cell transplantation; AML: acute myeloid leukemia, MDS: myelodysplastic syndrome, ALL: acute lymphoblastic leukemia, DLCL: diffuse large B-Cell lymphoma, HIV: human immunodeficiency virus, CLL: chronic lymphocytic leukemia, CGD: chronic granulomatous disease, ND: not determined.