

Supplementary Information

Results

LRV-1 Prevalence by Demographics: Secondary Outcomes

Nineteen (29%) isolates from males were positive for LRV-1 versus 2 (15%) from females ($p=0.50$) (Table 2). Median age of patients whose isolates were LRV-1 positive and caused LCL, inflammatory/multifocal CL, and ML/MCL were: 33 years (range 23 - 57 years), 28 years (range 22 - 68 years), and 28 years (range 20-59 years), respectively ($p=0.72$) (Table 2). LRV-1 positivity was not associated with median age, whereby patients whose isolates were LRV-1 positive had a median age of 29 years (range 20 - 68 years) compared to LRV-1 negative patients whose median age was 35.5 years (range 2 - 82 years) ($p=0.55$) (Table 2).

Tables

Supplementary Table 1: Demographic and clinical metrics of ATL patients with *L. (V.) braziliensis* isolates acquired in Peru

Specimen	Age	Sex	Specimen Type	LRV-1 Status	Relative LRV-1 Copy Number	Clinical Phenotype
1	28	M	FPLI	Positive	35.68	ML
2	31	M	FPLI	Negative		LCL
3	20	M	FPLI	Positive	0.35	MCL
4	28	M	Biopsy	Positive	2.9×10^{-3}	Inflammatory CL
5	50	M	Biopsy	Negative		Inflammatory CL
6	20	M	Biopsy	Negative		Inflammatory CL
7	34	M	Biopsy	Negative		Multifocal CL
8	22	M	Cytology Brush	Negative		Inflammatory CL
9	38	M	Cytology Brush	Negative		ML
10	54	M	Cytology	Negative		ML

			Brush			
11	65	M	Cytology Brush	Negative		ML
12	20	M	Cytology Brush	Negative		LCL
13	30	M	Cytology Brush	Positive	4.7	ML
14	31	M	Cytology Brush	Negative		LCL
15	29	M	Cytology Brush	Positive	7.2	LCL
16	40	M	Cytology Brush	Negative		MCL
17	49	M	Cytology Brush	Negative		ML
18	27	M	Cytology	Negative		LCL

			Brush			
19	31	M	Cytology Brush	Negative		LCL
20	46	M	Cytology Brush	Negative		LCL
21	53	M	Cytology Brush	Positive	N/A*	LCL
22	36	F	Cytology Brush	Positive	7.7	LCL
23	51	M	Cytology Brush	Negative		MCL
24	44	M	Cytology Brush	Negative		LCL
25	82	M	Cytology Brush	Negative		ML
26	41	M	Cytology	Negative		MCL

			Brush			
27	33	M	Cytology Brush	Positive	7.5	LCL
28	27	M	Cytology Brush	Negative		LCL
29	22	M	Culture	Positive	0.1	Inflammatory CL
30	57	F	FPLI	Positive	9.5×10^{-2}	Multifocal CL
31	53	F	Culture	Negative		Multifocal CL
32	53	M	Culture	Positive	6.53	ML
33	NA	F	Culture	Negative		Inflammatory CL
34	27	M	Culture	Negative		Inflammatory CL
35	25	M	Culture	Negative		Inflammatory CL
36	35	M	Culture	Negative		MCL
37	45	M	Culture	Negative		Inflammatory CL
38	68	M	Culture	Negative		MCL
39	14	F	Culture	Negative		Inflammatory CL

40	57	M	Culture	Positive	27.2	LCL
41	35	F	Culture	Negative		Inflammatory CL
42	20	M	Culture	Positive	103.5	MCL
43	24	M	Culture	Positive	2.8×10^{-1}	MCL
44	2	M	Culture	Negative		LCL
45	24	M	Culture	Positive	2.0×10^{-2}	Inflammatory CL
46	20	M	Culture	Negative		LCL
47	13	M	Culture	Negative		Multifocal CL
48	68	F	Culture	Negative		Multifocal CL
49	53	M	Culture	Negative		Inflammatory CL
50	10	M	Culture	Negative		Inflammatory CL
51	76	F	Culture	Negative		LCL
52	12	F	Culture	Negative		LCL
53	23	M	Culture	Positive	9.9×10^{-3}	LCL
54	39	M	Culture	Negative		LCL
55	60	F	Culture	Negative		LCL

56	50	M	Culture	Negative		LCL
57	17	F	Culture	Negative		Multifocal CL
58	47	M	Culture	Negative		LCL
59	27	M	Culture	Positive	N/A*	ML
60	31	M	Culture	Negative		LCL
61	45	M	Culture	Negative		ML
62	26	M	Culture	Positive	8.5×10^{-3}	LCL
63	35	M	Culture	Positive	9.1×10^{-2}	ML
64	29	M	Culture	Negative		LCL
65	25	M	Culture	Negative		LCL
66	15	M	Culture	Negative		LCL
67	59	M	Culture	Positive	N/A*	ML
68	32	M	Culture	Negative		LCL
69	36	M	Culture	Negative		ML
70	12	F	Culture	Negative		LCL
71	70	M	Culture	Negative		Inflammatory CL

72	38	M	Culture	Negative		LCL
73	26	M	Culture	Negative		Inflammatory CL
74	34	M	Culture	Negative		Inflammatory CL
75	68	M	Culture	Negative		Inflammatory CL
76	68	M	Culture	Negative		ML
77	58	F	Culture	Negative		Inflammatory CL
78	68	M	Culture	Positive	N/A*	Multifocal CL

*N/A: LRV-1 relative copy number could not be calculated as the reference gene kmp11 was not amplifiable