

Amino acid distances for complete L and Z genes of the new world arenaviruses*

*Upper-right and lower-left of diagonal corresponds to uncorrected pairwise p distances for the complete L and complete Z amino acid sequences, respectively

‡Complete amino acid sequence is not available

Amino acid distances for complete nucleocapsid and glycoprotein genes of the new world arenaviruses*

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	
1 ALL_Peru	—	2	42	35	35	35	41	42	38	38	26	26	42	42	42	42	43	42	42	n/a‡	n/a	41	40	41	41	40	41	41	41	41	41	41	28	23	23	30	43	40	42	37	36		
2 ALL_CLHP2098	2	—	30	35	35	35	41	42	38	38	25	25	42	42	42	42	43	42	42	n/a	n/a	41	40	41	41	40	41	41	41	41	41	41	28	23	23	30	43	40	42	36	36		
3 AMA_BeAn70563	59	59	—	45	45	44	27	17	46	46	42	42	14	14	25	26	27	25	26	n/a	n/a	37	25	26	26	25	26	25	25	25	25	37	42	42	42	43	27	29	49	44	44		
4 BCN_A0060209	58	58	50	—	1	1	43	46	18	17	35	35	44	44	46	46	46	46	n/a	n/a	42	45	45	45	45	45	45	45	45	45	45	45	43	35	36	36	45	46	25	18	17		
5 BCN_98470029	57	58	50	2	—	0	43	46	17	17	35	35	44	44	46	46	46	46	n/a	42	45	45	45	45	45	45	45	45	45	45	43	35	36	36	44	45	25	18	17				
6 BCN_A0070039	58	58	50	2	2	—	43	46	17	17	34	34	44	44	45	45	46	45	n/a	n/a	42	45	45	45	45	45	45	45	45	45	43	34	36	35	36	44	45	24	18	17			
7 CHA_810419	53	53	44	46	47	47	—	28	43	43	41	41	27	27	29	29	29	29	n/a	n/a	38	28	28	28	28	28	28	28	28	28	28	41	41	41	41	15	30	47	43	43			
8 CPX_BeAn119303	58	58	30	45	45	45	42	—	46	46	44	44	17	16	25	26	27	26	26	n/a	n/a	35	25	24	25	25	25	25	25	25	25	25	36	43	44	44	44	28	30	49	46	45	
9 CTN_AV0400135	55	55	52	34	34	34	45	47	—	2	35	35	44	44	45	46	46	46	n/a	n/a	42	45	45	45	45	45	45	45	45	45	44	38	36	36	37	44	46	22	13	13			
10 CTN_AV0400212	55	55	53	34	34	34	46	48	5	—	35	35	44	44	45	46	46	46	n/a	n/a	43	45	45	45	45	45	45	45	45	45	44	38	36	36	37	44	46	22	13	13			
11 FLE_Pinheiro	17	15	57	56	56	56	52	56	56	57	—	0	41	41	42	41	41	41	n/a	n/a	43	42	43	42	42	42	42	42	42	42	42	21	30	30	32	43	43	41	37	37			
12 FLE_BeAn293022	17	15	57	56	56	56	52	56	56	57	0	—	41	41	42	41	42	41	n/a	n/a	43	42	43	42	42	42	42	42	42	42	42	21	30	30	32	43	43	41	37	37			
13 GTO_CVH960101	58	58	29	47	48	48	41	30	51	51	55	55	—	0	24	25	26	25	25	n/a	n/a	36	23	23	23	23	23	23	23	23	23	37	41	42	42	41	29	28	48	44	44		
14 GTC_INH95551	57	57	29	47	48	48	41	29	50	50	55	55	1	—	24	25	26	25	25	n/a	n/a	36	23	23	23	23	23	23	23	23	23	37	41	42	42	41	29	28	48	44	44		
15 JUN_Rumero	59	58	43	47	48	48	42	45	49	49	56	56	42	42	—	1	4	3	1	n/a	n/a	38	12	12	12	12	12	12	12	12	12	11	12	39	42	44	44	43	29	20	48	44	44
16 JUN_Candid1	59	59	44	47	48	49	43	46	49	49	57	57	42	43	2	—	4	3	0	n/a	n/a	39	12	12	12	12	12	12	12	12	12	11	12	39	42	43	43	43	29	20	48	44	44
17 JUN_MC2	59	58	43	47	48	48	42	45	49	49	56	56	42	43	1	2	—	3	4	n/a	n/a	39	13	14	14	13	13	13	13	13	13	40	42	45	44	43	30	21	49	46	46		
18 JUN_cbaIV4454	59	58	44	47	48	48	42	46	49	49	56	56	42	43	1	2	2	—	3	n/a	n/a	38	12	12	12	12	12	12	12	12	11	12	38	41	44	44	43	29	20	48	44	44	
19 JUN_XJ13	59	58	43	47	48	48	42	45	48	49	56	56	42	42	1	1	1	2	—	n/a	n/a	39	12	12	12	12	12	12	12	12	11	11	39	42	43	43	43	29	20	48	44	44	
20 JUN_XJ	59	58	43	47	48	48	42	45	49	49	56	56	42	43	1	2	0	2	1	n/a	n/a	39	12	12	12	12	12	12	12	12	11	11	39	42	43	43	43	29	20	48	44	44	
21 JUN_XJ44	59	58	43	47	48	48	42	45	49	49	56	56	42	43	1	2	0	2	1	0	n/a	n/a	39	12	12	12	12	12	12	12	12	11	11	39	42	43	43	43	29	20	48	44	44
22 LAT_MARU10924	47	47	54	53	53	53	49	50	54	55	45	45	50	50	54	54	54	54	54	54	54	—	37	37	37	37	37	37	37	37	37	37	37	19	41	42	42	40	37	39	45	42	41
23 MAC_9530537	59	59	43	48	48	48	43	45	49	50	58	58	43	43	25	26	25	25	26	26	52	—	2	2	3	2	1	2	2	1	1	1	37	42	43	44	43	28	19	48	44	43	
24 MAC_Mallele	58	58	44	49	49	49	43	45	48	49	56	56	43	43	26	27	26	26	26	26	52	5	—	2	1	2	2	1	1	1	1	1	1	38	43	43	43	43	28	19	48	43	43
25 MAC_Chicava	58	58	44	48	48	48	43	45	49	49	56	56	44	44	26	27	26	26	26	26	52	5	4	—	2	3	0	1	2	2	1	1	1	37	43	43	44	43	28	19	48	44	44
26 MAC_9430084	58	58	43	48	48	48	43	45	49	50	56	56	43	44	26	27	26	25	26	26	52	3	3	3	3	—	1	1	1	1	1	38	43	43	44	43	27	19	48	44	44		
27 MAC_200002427	58	58	44	48	48	48	44	45	48	49	56	56	43	44	26	27	26	26	26	26	52	5	4	4	3	—	2	2	1	1	2	38	43	43	44	43	28	20	48	44	44		
28 MAC_9301012	58	58	44	48	48	48	43	46	49	49	56	56	44	44	26	27	26	26	26	26	53	5	4	1	3	4	—	1	2	2	1	1	37	43	43	44	43	28	19	49	44	44	
29 MAC_MARU216606	58	58	43	48	48	48	43	45	49	49	57	57	43	44	26	27	26	26	26	26	52	4	4	1	2	4	2	—	1	1	0	38	43	43	44	43	28	19	48	44	44		
30 MAC_MARU222688	57	57	44	49	49	49	43	45	49	50	56	56	43	43	25	26	25	26	26	26	52	4	4	2	2	4	2	1	—	1	1	38	43	43	43	43	28	19	48	44	43		
31 MAC_MARU249121	58	58	43	48	48	48	43	45	48	49	57	57	43	43	26	27	26	25	26	26	52	3	3	0	3	3	2	2	—	1	1	37	43	43									

Footnote for Supplemental Table

Genbank accession numbers for L amino acid sequences include: ALL (NC_010249), AMA (NC_010251), BCN (AY216503, NC_010255), CHA (EU260464), CPX (NC_010252), GTO (NC_005082), JUN (AY216507, AY619640, AY819707, DQ489718, NC_005080), MAC (AY619644, AY624354, NC_005079), OLI (NC_010250), PIC (NC_006439), PIR (NC_005897), SAB (NC_006313), TAC (NC_004292), TAM (AY924393), and WWA (AY924395).

Genbank accession numbers for Z amino acid sequences include: ALL (NC_010249), AMA (NC_010251), BCN (AY216503, NC_010255), CHA (EU260464), CPX (NC_010252), GTO (AY562388, AY562389, AY562390, AY562391, AY562392, AY562393, AY586551, AY586552, AY586553, AY586554, AY586555, NC_005082), JUN (AY216507, AY619640, AY819707, DQ489718, NC_005080), LAT (AY960333), MAC (AY619644, AY624354, AY960326, AY960327, AY960328, AY960329, AY960330, AY960331, AY960332, NC_005079), OLI (NC_010250), PIC (NC_006439), PIR (AY562384, AY562385, AY562386, AY562387, NC_005897), SAB (NC_006313), TAC (NC_004292), TAM (AY924393), and WWA (AY924395).

Genbank accession numbers for GPC amino acid sequences include: ALL (AY012686, NC_010253), AMA (NC_010247), BCN (AF512833, AY924392, NC_010256), CHA (EU260463), CPX (NC_010254), CTN (DQ865244, DQ865245), FLE (AF485257, AF512831), GTO (AY497548, NC_005077), JUN (AY619641, AY746353, D10072, DQ272266, NC_005081, U70799, U70800), LAT (AF512830), MAC (AY571959, AY619645, AY924202, AY924203, AY924204, AY924205, AY924206, AY924207, AY924208, NC_005078), OLI (NC_010248), PAR (AF485261), PIC (AF0181555, NC_006447), PIR (NC_005894), SAB (NC_006317), TAC (NC_004293), TAM (AF485263), and WWA (AF228063, AF485264).

Genbank accession numbers for NP amino acid sequences include: ALL (AY012686, NC_010253), AMA (NC_010247), BCN (AF512833, AY924392, NC_010256), CHA

(EU260463), CPX (NC_010254), CTN (DQ865244, DQ865245), FLE (AF485257, AF512831), GTO (AY497548, NC_005077), JUN (AY619641, AY746353, D10072, DQ272266, NC_005081), LAT (AF512830), MAC (AY571959, AY619645, AY924202, AY924203, AY924204, AY924205, AY924206, AY924207, AY924208, NC_005078), OLI (NC_010248), PAR (AF485261), PIC (AF0181555, NC_006447), PIR (NC_005894), SAB (NC_006317), TAC (NC_004293), TAM (AF485263), and WWA (AF228063, AF485264).