



HIV sequence database

[DATABASES](#)
[SEARCH](#)
[ALIGNMENTS](#)
[TOOLS](#)
[PUBLICATIONS](#)
[GUIDES](#)

51 sets found:

# Select	Pat code(id)	# of seqs	# of timepoints	First author	Publication title	Project	Post or Fiebig	Organism
1 <input type="checkbox"/>	N70 (45921)	13	1	Amoedo et al.	Expression of APOBEC3G/3F and G-to-A Hypermutation Levels in HIV-1-Infected Children with Different Profiles of Disease Progression		seroconversion	HIV-1
	N58 (45925)	16	1					
	N82 (45927)	11	1					
	N35 (45928)	11	1					
	N64 (45929)	11	1					
	N72 (45932)	11	1					
2 <input type="checkbox"/>	R880F (51709)	83	5	Baalwa et al.	Molecular identification, cloning and characterization of transmitted/founder HIV-1 subtype A, D and A/D infectious molecular clones	IAVI CHAVI	seroconversion firstsample fiebig	HIV-1
3 <input type="checkbox"/>	P00005 (11880)	42		Bachelier et al.	Human immunodeficiency virus type 1 mutations selected in patients failing efavirenz combination therapy	DMP266		HIV-1
	P00019 (11892)	21						
	P00020 (11893)	39						
	P00021 (11894)	58						
	P00022 (11895)	35						
	P00025 (11898)	17						
	P00028 (11900)	55						
	P00029 (11901)	12						
	P00050 (11921)	52						
	P00051 (11922)	19						
	P00053 (11924)	13						
	P00055 (11925)	64						

		P00057 (11927)	40					
		P00058 (11928)	27					
		P00059 (11929)	12					
		P00060 (11930)	48					
		P00069 (11938)	48					
		P00071 (11939)	36					
		P00072 (11940)	36					
		P00082 (11949)	20					
		P00099 (11963)	37					
		P00123 (11984)	18					
		P00003 (15634)	33					
		P00026 (15637)	62					
		P00054 (15639)	13					
		P00070 (15641)	54					
		P00077 (15642)	51					
		P00162 (15653)	39					
4	<input type="checkbox"/>	15 (23708)	76	2	Balamurugan et al.	Primary human immunodeficiency virus type 1 (HIV-1) infection during HIV-1 Gag vaccination	seroconversion	HIV-1
		16 (23709)	61	2				
5	<input checked="" type="checkbox"/>	53431 (44072)	31		Bansode et al.	Drug resistance mutations in drug-naive HIV type 1 subtype C-infected individuals from rural Malawi.		HIV-1
		54094 (44074)	25					
		54023 (44080)	27					
		53394 (44106)	30					
		53900 (44110)	26					
		53843 (44125)	32					
		54117 (44128)	21					
		53733 (44134)	20					
6	<input type="checkbox"/>	patient_A (16597)	19	1	Byrn et al.	HIV-1 in semen: an isolated virus reservoir	seroconversion	HIV-1
7	<input type="checkbox"/>	24 (10775)	145	3	Delobel et al.	Persistence of distinct HIV-1 populations in blood monocytes and naive and memory CD4 T cells during prolonged suppressive HAART.	seroconversion starttreatment	HIV-1
8	<input type="checkbox"/>	P1 (39766)	123	2	English et al.	Phylogenetic analysis consistent with a clinical	infection seroconversion	HIV-1

		P2(39767)	107	2		history of sexual transmission of HIV-1 from a single donor reveals transmission of highly distinct variants.		
9	<input type="checkbox"/>	WC1-001(3094)	10	2	Fang et al.	Analysis of transition from long-term nonprogressive to progressive infection identifies sequences that may attenuate HIV type 1	seroconversion	HIV-1
10	<input type="checkbox"/>	WC1-001(3094)	10	2	Fang et al.	Complete Plasma HIV-1 Sequence: Sp1-Promoter Deletion Can Lead to Non-Progressive Infection	seroconversion	HIV-1
11	<input type="checkbox"/>	WC1-001(3094)	10	2	Fang et al.	Molecular cloning of full-length HIV-1 genomes directly from plasma viral RNA.	seroconversion	HIV-1
12	<input type="checkbox"/>	MM43(39684)	75	2	Ferrari et al.	Relationship between Functional Profile of HIV-1 Specific CD8 T Cells and Epitope Variability with the Selection of Escape Mutants in Acute HIV-1 Infection	HIV seroconversion seroconverter cohort	HIV-1
13	<input checked="" type="checkbox"/>	N1(50603)	48		Fourati et al.	HIV-1 genome is often defective in PBMCs and rectal tissues after long-term HAART as a result of APOBEC3 editing and correlates with the size of reservoirs.		HIV-1
		N3(50605)	31					
		N2(50606)	47					
		N5(50609)	31					
		N4(50611)	30					
14	<input type="checkbox"/>	S1(1651)	130	9	Frenkel et al.	Multiple Viral Genetic Analyses Detect Low-Level Human Immunodeficiency Virus Type 1 Replication during Effective Highly Active Antiretroviral Therapy	seroconversion firstsample	HIV-1
15	<input type="checkbox"/>	E(47532)	105	1	Ghosn et al.	X4 tropic multi-drug resistant quasi-species detected at the time of primary HIV-1 infection remain exclusive or at least dominant far from PHI	PRIMO seroconversion	HIV-1
		B(47533)	134	2				
16		PIC38417(49597)	93	9	Herbeck et al.	Demographic processes	UW seroconversion	HIV-1

	<input type="checkbox"/>	PIC51550 (49598)	10	1		affect HIV-1 evolution in primary infection before the onset of selective processes		
		PIC11286 (49604)	30	3				
		PIC88403 (49613)	10	1				
		PIC38051 (49614)	18	2				
		PIC71101 (49623)	84	8				
		PIC90770 (49636)	68	7				
		PIC55751 (49637)	40	5				
		PIC83747 (49641)	123	12				
17	<input type="checkbox"/>	PIC1362 (13654)	1185	17	Herbeck et al.	Demographic processes affect HIV-1 evolution in primary infection before the onset of selective processes	seroconversion	HIV-1
18	<input type="checkbox"/>	3 (815)	319	6	Imamichi et al.	Human immunodeficiency virus type 1 quasi species that rebound after discontinuation of highly active antiretroviral therapy are similar to the viral quasi species present before initiation of therapy	seroconversion firstsample starttreatment endtreatment	HIV-1
19	<input type="checkbox"/>	3026 (10348)	10		Janini et al.	Human immunodeficiency virus type 1 DNA sequences genetically damaged by hypermutation are often abundant in patient peripheral blood mononuclear cells and may be generated during near-simultaneous infection and activation of CD4(+) T cells	seroconversion	HIV-1
		4002 (10354)	17					
		6950 (10360)	12					
		6953 (10361)	12					
		9002 (10365)	11					
20	<input type="checkbox"/>	6248 (15903)	45	2	Jiang et al.	Primary Infection by a Human Immunodeficiency Virus with Atypical Coreceptor Tropism.	CHAVI seroconversion fiebig	HIV-1
21	<input type="checkbox"/>	OP428 (19538)	154	1	Karlsson et al.	Sequential Broadening of CTL Responses in Early HIV-1 Infection Is Associated with Viral Escape	OPTIONS infection	HIV-1
22	<input type="checkbox"/>	CT-F (79974)	159	5	Kayondo et al.	Intrapatient Evolutionary Dynamics of Human	firstsample	HIV-1

		STI-F(79975)	198	5		Immunodeficiency Virus Type 1 in Individuals Undergoing Alternative Treatment Strategies with Reverse Transcriptase Inhibitors.		
		STI-S(79976)	108	3				
23	<input type="checkbox"/>	1001(31787)	124	2	Kearney et al.	Human immunodeficiency virus type 1 population genetics and adaptation in newly infected individuals	seroconversion	HIV-1
		3024(32691)	165	7				
		1002(32692)	163	8				
		1005(32693)	215	8				
		3041(32694)	136	6				
		1003(32695)	278	6				
		3088(32696)	107	6				
		3036(32697)	86	4				
		3021(32698)	156	9				
		1004(32699)	219	11				
		1006(32700)	136	7				
		3037(32701)	127	6				
		3077(32702)	116	5				
		3062(32703)	142	5				
24	<input checked="" type="checkbox"/>	WC3(27170)	39	11	Kemal et al.	Transition from long-term nonprogression to HIV-1 disease associated with escape from cellular immune control.	Wadsworth Center	infection HIV-1
25	<input type="checkbox"/>	237(53226)	53	2	Kiwelu et al.	HIV-1 pol Diversity among Female Bar and Hotel Workers in Northern Tanzania.	firstsample	HIV-1
		276(53227)	66	2				
		620(53229)	56	2				
		046(53230)	52	2				
		909(53234)	94	2				
		838(53235)	61	2				
		740(53239)	40	1				
		471(53240)	63	2				
		168(53241)	74	2				
		201(53242)	51	2				
		027(53250)	75	2				
		245(53251)	72	2				
		491(53253)	146	2				
		065(53254)	91	2				

		066 (53256)	45	2				
		087 (53257)	57	2				
		733 (53259)	135	2				
		968 (53260)	63	2				
		905 (53261)	44	2				
		291 (53262)	95	2				
		209 (53265)	61	2				
		510 (53266)	73	2				
		498 (53267)	35	2				
		603 (53273)	62	2				
		480 (71075)	32	1				
26	<input type="checkbox"/>	2578 (54505)	125	10	Koning et al.	Dynamics of HIV Type 1 Recombination Following Superinfection.	firstsample	HIV-1
27	<input type="checkbox"/>	170-baby (1952)	11	1	Koulinska et al.	Hypermutation of HIV type 1 genomes isolated from infants soon after vertical infection.	infection seroconversion	HIV-1
		169-baby (3092)	16	1				
		210-baby (3108)	20	1				
28	<input type="checkbox"/>	19 (50444)	60	1	Lewis et al.	Partial Escape of HIV-1 From Cytotoxic T Lymphocytes During Chronic Infection.	seroconversion	HIV-1
		17 (50445)	85	1				
29	<input type="checkbox"/>	AD17 (45173)	246	1	Li et al.	High Multiplicity Infection by HIV-1 in Men Who Have Sex with Men	CHAVI infection seroconversion fiebig	HIV-1
30	<input type="checkbox"/>	9012 (70515)	266	3	Lipscomb et al.	HIV Reverse Transcriptase Drug Resistance Mutations during Early Infection Reveal Greater Transmission Diversity than in Env.	seroconversion fiebig	HIV-1
		9017 (70516)	136	2				
		926 (70518)	315	3				
		945 (70519)	374	3				
31	<input checked="" type="checkbox"/>	0180 (27116)	37	18	Little et al.	Persistence of Transmitted Drug Resistance among Subjects with Primary Human Immunodeficiency Virus Infection	infection	HIV-1
		0449 (27119)	34	17				
		0507 (27122)	21	12				
		0512 (27123)	19	19				
		0559 (27124)	11	11				
		0575 (27125)	30	15				
		0629 (27126)	21	12				
32	<input type="checkbox"/>	PIC1362 (13654)	1185	17	Liu et al.	Selection on the human immunodeficiency virus type 1 proteome following	seroconversion	HIV-1

					primary infection		
33	<input type="checkbox"/>	PP63(34368)	46	1	Liu et al.	Preinfection human immunodeficiency virus (HIV)-specific cytotoxic T lymphocytes failed to prevent HIV type 1 infection from strains genetically unrelated to viruses in long-term exposed partners	seroconversion HIV-1
		LSC63(34369)	96	1			
34	<input type="checkbox"/>	patient_2(1011)	231	12	Lukashov et al.	Selection by AZT and rapid replacement in the absence of drugs of HIV type 1 resistant to multiple nucleoside analogs	seroconversion firstsample HIV-1
35	<input type="checkbox"/>	62(20451)	17	4	Lwembe et al.	Anti-retroviral drug resistance-associated mutations among non-subtype B HIV-1-infected Kenyan children with treatment failure	seroconversion HIV-1
		70(20453)	17	3			
		85(20455)	18	2			
		83(20670)	23	4			
36	<input type="checkbox"/>	A(44623)	43	2	Martinez et al.	Human immunodeficiency virus type 1 genetic evolution in patients with prolonged suppression of plasma viremia	starttreatment HIV-1
37	<input type="checkbox"/>	A(44041)	49	1	Pacold et al.	Comparison of methods to detect HIV dual infection.	seroconversion HIV-1
		E(44042)	49	1			
		B(44043)	50	1			
		C(44045)	54	1			
		D(44046)	91	2			
		I(44047)	46	1			
		G(44048)	53	1			
38	<input type="checkbox"/>	A(13205)	30	1	Parera et al.	Lack of Evidence for Protease Evolution in HIV-1-Infected Patients after 2 Years of Successful Highly Active Antiretroviral Therapy	seroconversion HIV-1
		B(13206)	23	1			
		C(13207)	36	1			
		E(13209)	20	1			
		F(13210)	23	1			
		G(13211)	33	1			
		H(13212)	26	1			
		J(13213)	23	1			

		I(15790) 25	1				
39	<input type="checkbox"/>	patient(15816) 170	6	Pernas et al.	A dual superinfection and recombination within HIV-1 subtype B 12 years after primoinfection	seroconversion firstsample	HIV-1
40	<input type="checkbox"/>	6(19980) 42	4	Persaud et al.	Early Archiving and Predominance of Nonnucleoside Reverse Transcriptase Inhibitor-Resistant HIV-1 among Recently Infected Infants Born in the United States	PACTG P1030 seroconversion	HIV-1
41	<input type="checkbox"/>	WC10(3692) 20	1	Philpott et al.	Human immunodeficiency virus type 1 genomic RNA sequences in the female genital tract and blood: compartmentalization and inpatient recombination	seroconversion	HIV-1
42	<input checked="" type="checkbox"/>	NYU124(27799) 245	4	Powell et al.	Longitudinal quasispecies analysis of viral variants in HIV type 1 dually infected individuals highlights the importance of sequence identity in viral recombination.	firstsample	HIV-1
		NYU107(27800) 281	6				
		NYU6518(27801) 175	5				
		NYU129(27820) 333	8				
43	<input type="checkbox"/>	ESP1(2622) 43		Quinones-Mateu et al.	Analysis of pol gene heterogeneity, viral quasispecies, and drug resistance in individuals infected with group O strains of human immunodeficiency virus type 1	seroconversion	HIV-1
		ESP2(2623) 55	4				
		ESP3(2624) 18	4				
44	<input type="checkbox"/>	P3(40911) 153	9	Rachinger et al.	Time-measured phylogenies of gag, pol and env sequence data reveal the direction and time interval of HIV-1 transmission.	seroconversion firstsample	HIV-1
		P2(40912) 122	5				
		P1(40913) 118	7				
45	<input type="checkbox"/>	AA080(52202) 22	1	Rolland et al.	Increased HIV-1 vaccine efficacy against viruses with genetic signatures in Env V2.	RV144 seroconversion	HIV-1
		AA044(52203) 20	1				
		AA084(52204) 10	1				
		AA057(52207) 20	1				
		AA103(52209) 21	1				

AA037 (52210)	10	1
AA100 (52216)	23	1
AA023 (52219)	22	1
AA012 (52223)	22	1
AA007 (52225)	11	1
AA091 (52230)	21	1
AA085 (52231)	10	1
AA078 (52232)	20	1
AA067 (52234)	11	1
AA003 (52236)	25	1
AA083 (52240)	21	1
AA094 (52243)	27	1
AA075 (52244)	10	1
AA041 (52245)	21	1
AA123 (52248)	18	1
AA042 (52249)	23	1
AA125 (52252)	19	1
AA024 (52253)	10	1
AA001 (52256)	21	1
AA104 (52257)	23	1
AA096 (52259)	10	1
AA019 (52260)	11	1
AA090 (52261)	10	1
AA033 (52262)	10	1
AA014 (52263)	16	1
AA029 (52264)	20	1
AA006 (52265)	19	1
AA065 (52266)	23	1
AA016 (52267)	20	1
AA030 (52271)	10	1
AA004 (52273)	10	1
AA117 (52274)	25	1
AA098 (52275)	20	1
AA040 (52277)	10	1
AA059 (52278)	10	1
AA121 (52286)	23	1

		AA088 (52287)	12	1				
		AA118 (52291)	21	1				
		AA082 (52292)	10	1				
		AA068 (52293)	10	1				
		AA072 (52295)	10	1				
		AA025 (52296)	10	1				
		AA101 (52297)	22	1				
		AA116 (52299)	23	1				
		AA048 (52300)	25	1				
		AA061 (52302)	20	1				
		AA027 (52303)	10	1				
		AA010 (52306)	12	1				
		AA113 (52307)	20	1				
		AA011 (52309)	19	1				
		AA092 (52310)	28	1				
		AA086 (52311)	21	1				
		AA021 (52312)	22	1				
		AA049 (52313)	17	1				
		AA105 (52314)	20	1				
		AA093 (52316)	15	1				
		AA060 (52318)	10	1				
		AA111 (52319)	11	1				
		AA081 (52320)	22	1				
		AA097 (52321)	21	1				
46	<input type="checkbox"/>	QC168 (1117)	42	3	Sagar et al.	Diversity in HIV-1 Envelope V1-V3 Sequences Early in Infection Reflects Sequence Diversity Throughout the HIV-1 Genome But Does Not Predict the Extent of Sequence Diversity During Chronic Infection	infection	HIV-1
		QA284 (3951)	41	3				
		Q03 (3955)	46	3				
		QA779 (5553)	48	2				
		QB424 (5556)	61	3				
		QC890 (5557)	54	3				
		QB596 (5559)	63	3				
		QB670 (5560)	35	2				
47	<input type="checkbox"/>	B-child (13592)	202		Sundaravaradan et al.	Conservation of functional domains and limited heterogeneity of HIV-1 reverse transcriptase gene following vertical	seroconversion	HIV-1
		B-mother (3041)	189					
		C-mother (3042)	142					
		F-mother (3045)	177					

		H-mother (3046)	57	1		transmission.		
		D-mother (3049)	184					
48	<input type="checkbox"/>	S1 (1651)	130	9	Tobin et al.	Evidence that low-level viremias during effective highly active antiretroviral therapy result from two processes: expression of archival virus and replication of virus.	seroconversion firstsample	HIV-1
49	<input type="checkbox"/>	MM50 (36110)	224	3	Turnbull et al.	Kinetics of expansion of epitope-specific T cell responses during primary HIV-1 infection	Mortimer seroconversion Market Centre	HIV-1
50	<input checked="" type="checkbox"/>	2 (28761)	105	3	van Marle et al.	Higher levels of Zidovudine resistant HIV in the colon compared to blood and other gastrointestinal compartments in HIV infection.	firstsample	HIV-1
		42 (28762)	103	1				
51	<input type="checkbox"/>	2 (28761)	105	3	van Marle et al.	Compartmentalization of the gut viral reservoir in HIV-1 infected patients	firstsample	HIV-1
		42 (28762)	103	1				

Retrieve selected sets

Reset

last modified: Wed May 30 15:32 2012

Questions or comments? Contact us at seq-info@lanl.gov.