

21 patents covering HIV genes or gene sequences have been applied for so far.

	Patent Number	Patent holder	Granted yet Y/N	Date filed	Gene	Origin	Function/Use
1.	AU 2117288	Repligen Corp	N	09/10/97	Protein KH 1	HIV	Diagnosis and therapy
2.	EP 0674657	Harvard College	N	09/06/94	HIV – gp41 gene	HIV-1	Use in treatment
3.	US 5462872	SmithKline Beecham	Y 31/10/95	08/10/93	HIV-1 gp160 envelope gene	HIV	Vaccination and finding treatments
4.	EP 591914	Behringwerke AG	Y 09/12/96	05/10/93	Various genes from new HIV type virus	HIV type virus	Diagnosis of retroviral infections and vaccines
5.	CA 2039449	Cassol S	N	29/09/92	Probe containing part of vif gene of HIV-1.	HIV-1	Sensitive detection of HIV
6.	EP 0550485	SmithKline Beecham	N	21/09/91	Modified gp160 envelope genes	HIV-1	Treatment, diagnosis and prevention
7.	EP 0540693	Cetus Corp	Y 20/01/99	23/07/91	Primers	HIV	To improve techniques for amplification
8.	EP 0471028	Inserm Inst Nat Sante	N	02/05/90	Complete sequence of an HIV strain	HIV 1-NDK	Diagnosis and treatment
9.	WO 9011359	Whitehead Institute Biom	N	08/03/90	Sequence from gag mutant	HIV	Treatment

10.	JP 1289486	Nenryo Kogyo KK and Fuji Kebio KK	N	21/11/89	Various overlapping genes	HIV-2	Diagnosis and vaccination
11.	JP 2124091	Tonen Corp	N	02/11/88	Promoter region of AIDS virus gag gene	HIV	Vaccination
12.	WO8904375	Siska Diagnostics I	N	21/10/88	Probe for HIV-1 virus	HIV 1	Identification and isolation
13.	EP 307149	Wellcome Foundation	Y 07/01/93	02/09/88	Gag/env fusion protein	HIV1	Identification and therapy/vaccination
14.	EP 306219	Repligen Corp	N	25/08/88	CNbr1 protein with HIV envelope gene	HIV	Diagnosis, protection and therapeutic value
15.	EP 347365	Chemotherapeut Georg-Spe & Dlagen	Y 28/08/96	14/06/88	Fragment of HIV-2	HIV 2	Vaccination/diagnosis
16.	EP 345375	Innogenetics NV	Y 22/03/95	09/06/88	Several including portion of envelope gene	HIV 3	Diagnosis, vaccines
17.	EP 269520	Institute Pasteur	N	23/11/87	Sequences from gp140 and gag and env	HIV 2	Diagnosis

18.	EP230222	Hoffmann La Roche	N	05/01/87	24kDa gag precursor gene	HIV	Potential for use in vaccine development
19.	EP 185444	Centocor Inc	Y 22/12/93	10/10/85	Gag, pol, sor, env-lor and fragments	HIV	Identification and immunisation.
20.	JP 02069194	Kagaku Oyubi Kessei	Pending	02/09/88	Part of env-gp120 gene	HIV	Vaccine development
21.	EP0492920	Merck	N	16/12/91	Principle neutralising determinant on gp120	HIV	Vaccine development