

Table 1. Description of HIV-HAND and HIV-non HAND patients.

Patient#	DateCSF	Age	Gender	Race	Education	*Frascati - Code	Frascati - Text	**Plasma_VL	CD4	***CSF_VL	Cd4_nadir	CD4nadirRange
1004	5/31/2005	46	M	AA	8	3	HAD	169	977	-1	-1	100-199
1044	5/4/2006	50	M	AA	12	3	HAD	65836	2	336	5	<50
1046	9/12/2006	35	M	AA	12	3	HAD	<50	520	<50	230	200-299
1007	9/19/2006	47	M	AA	12	3	HAD	<50	366	<50	94	50-99
1018	1/3/2007	55	M	AA	12	1	ANI	<50	170	<50	6	<50
1289	6/4/2008	45	F	AA	16	3	HAD	<50	537	<50	15	<50
1083	12/10/2008	47	M	AA	11	3	HAD	<50	288	187	-1	100-199
1202	5/28/2009	56	F	AA	11	3	HAD	<50	152	<50	47	<50
1210	7/8/2009	44	M	AA	14	3	HAD	<50	410	<50	104	100-199
1084	1/22/2010	53	M	AA	12	3	HAD	<50	359	<50	156	100-199
1037	10/17/2006	38	M	AA	12	0	Normal	<50	20	<50	11	<50
1025	10/26/2006	55	F	AA	12	0	Normal	<50	420	<50	-1	100-199
1015	1/17/2007	54	M	AA	14	0	Normal	<50	388	<50	21	<50
1070	4/30/2007	47	M	AA	16	0	Normal	100	419	<50	249	200-299
1056	6/19/2007	47	F	AA	9	0	Normal	<50	856	<50	225	200-299
1035	11/14/2007	51	F	AA	8	0	Normal	<50	302	<50	276	200-299
1095	6/19/2008	53	F	AA	14	0	Normal	<50	823	<50	155	100-199
1088	9/8/2008	48	M	AA	12	0	Normal	<50	220	77	189	100-199
1057	1/13/2009	43	F	AA	12	0	Normal	<50	944	<50	-1	300-399
1269	1/20/2010	37	F	W	12	0	Normal	<50	377	<50	-1	Unknown

*Frascati-Code 0=Normal, 1=ANI, 2=MND, 3=HAD;

**Plasma_VL=Plasma Viral Load;

***CSF_VL=CSF Viral Load;

<50 =undetectable to 50 copies/mL;

<400 =undetectable to 400 copies/mL;

-1=Not performed or Unavailable.

Table 2. Description of control subjects.

Controls	Age	Gender	Race	LP date	Race	CSF_Glucose	CSF_Protein	CSF_VDRL	CSF_WBC	CSF_Polys	CSF_Lymphs	CSF_Monoc	CSF_RBC	Medical Hx/ Physical notes
70118	32.2	M	AA	10/15/2009 0:00	White	70	50	non-reactive	3	28	35	37	398	Herpes zoster infection in childhood.
60023	47.3	M	White	3/25/2010 0:00	White	53	59	negative	2	0	41	59	0	
60039	54.6	M	White	4/25/2006 0:00	White	54	51	Neg	3	13	74	13	1	Depression (2006).
60048	49.3	M	White	6/6/2006 0:00	White	59	42	Neg	3	0	78	22	20	Hypertension(2007). Gonorrhoea (1987). Hepatitis A (2000). TIA (2008).
70080	29.2	M	AA	5/29/2007 0:00	AA	58	32	non-reactive	0	not done	not done	not done	15	None. Normal
80155	27.9	F	AA	12/24/2008 0:00	AA	58	28	non-reactive	0	0	0	0	131	Surgeries: 4 C-sections. No complications.
90149	46	M	White	10/30/2009 0:00	White	60	53	not ordered	5	0	85	15	0	None. Normal
100087	47.4	M	White	5/12/2010 0:00	White	54	37	non-reactive	4	0	79	20	4	Hepatitis C (2000) Low viral count, no treatment required. Candidiasis (2001). Inguinal hernia (2009). Asthma (Dx in childhood)
100263	47.3	M	White	12/15/2010 0:00	White	72	68	non-reactive	2	0	77	23	1	Thyroid cancer in remission (2003).
100294	53	F	White	1/21/2011 0:00	White	61	29	non-reactive	10	0	83	17	13	Dyslexia (childhood). Menopause (2009). Ear infection (2012). Hearing loss (2013)