Description of Annotation String for Peptides in HIV2 library

0001_0010_0001_00000000100000000000000…00000000000000000000_NEF_0001

1 2 3 4 5 6

1: Number Index for peptide (0001-5867)
2: Bitstring for Antigen:
1000: ENV
0100: GAG
0010: NEF
0001: POL
3: Position in HXB2
4: Bitstring for Clade coverage:

Bit#	Clade	Bit#	Clade	Bit#	Clade	Bit#	Clade	Bit#	Clade	Bit#	Clade	Bit#	Clade	Bit#	Clade
1	A	22	10_CD	43	32_06A1	64	01BC	85	26C	106	ACD	127	DF	148	DF1
2	A1	23	11_cpx	44	33_01B	65	01C	86	26CU	107	AD	128	DF1G	149	GH
3	A2	24	12_BF	45	34_01B	66	01DU	87	A1A2CD	108	ADGU	129	DG	150	F
4	B	25	13_cpx	46	35_AD	67	206	88	A1A2D	109	ADU	130	DO	151	01F2
5	C	26	14_BG	47	36_cpx	68	209	89	A1C	110	AF2	131	DU	152	01U
6	D	27	15_01B	48	37_cpx	69	213	90	A1CD	111	AF2G	132	F2KU	153	02H
7	F1	28	16_A2D	49	38_BF1	70	225	91	A1CDGKU	112	AGKU	133	GKU	154	07B
8	F2	29	17_BF	50	39_BF	71	02A	92	A1CG	113	AGU	134	JKU	155	11C
9	G	30	18_cpx	51	40_BF	72	02A1	93	A1D	114	AHJU	135	P	156	CGU
10	H	31	19_cpx	52	42_BF	73	02A1U	94	A1DHK	115	AKU	136	A3	157	x
11	J	32	20_BG	53	43_02G	74	02AG	95	A1F2	116	AU	137	107	158	01A1G
12	K	33	21_A2D	54	44_BF	75	02B	96	A1G	117	BC	138	01GHJKU	159	02F2
13	01_AE	34	22_01A1	55	45_cpx	76	02C	97	A1GHU	118	BCF1	139	11A1	160	KU
14	02_AG	35	23_BG	56	46_BF	77	02D	98	A1GJ	119	BCU	140	23A1	161	A1A2
15	03_AB	36	24_BG	57	47_BF	78	02GK	99	A1GU	120	BF	141	A1B	162	GJ
16	04_cpx	37	25_cpx	58	49_cpx	79	02U	100	A1H	121	BF1	142	A1DK		
17	05_DF	38	26_AU	59	0102A	80	06A1	101	A1U	122	BG	143	A2G		
18	06_cpx	39	27_cpx	60	01A1	81	708	102	A2C	123	CD	144	ACFG		
19	07_BC	40	28_BF	61	01ADF2	82	09A	103	A2CD	124	CF1	145	AG		
20	08_BC	41	29_BF	62	01AF2U	83	13U	104	A2D	125	CF1U	146	AGH		
21	09_cpx	42	31_BC	63	01B	84	1819	105	AC	126	CU	147	BFG		

5: Name of Antigen
6: Position in LANL-Alignment (www.hiv.lanl.gov/content/sequence/NEWALIGN/align.html)