Centre for AIDS Reagents.

Data Sheet.

NAME :	pHIVΔRTBstEII
REPOSITORY REFERENCE :	ARP231
CLONING VECTOR :	pIBI20, a 4.5 Kb vector containing the T7 RNA polymerase promoter, and amp^r and ß-galactosidase markers.
HOST :	JM109
CLONING SITE :	XbaI
SOURCE OF PROVIRUS :	HXB2-D (Fisher A et al (1985), Nature 316 :262)
DESCRIPTION OF CLONE :	Complete provirus except for a 1.4 Kb deletion in the RT coding region and the introduction of a unique BstEII restriction enzyme site at the deletion junction.
PRESENTATION :	Supplied as DNA. 282.1µg/ml in TE Buffer, 100µl aliquots.
CHARACTERISTICS :	This clone is non-infectious, but when transfected into appropriate cell line with full-length reverse transcriptase coding sequence provided in trans, infectious virus is produced after homologous recombination events.
SOURCE :	Drs B Larder and P Kellam
REFERENCE :	Kellam P et al (1992), Proc Natl Acad Sci (USA) 89 : 1934;

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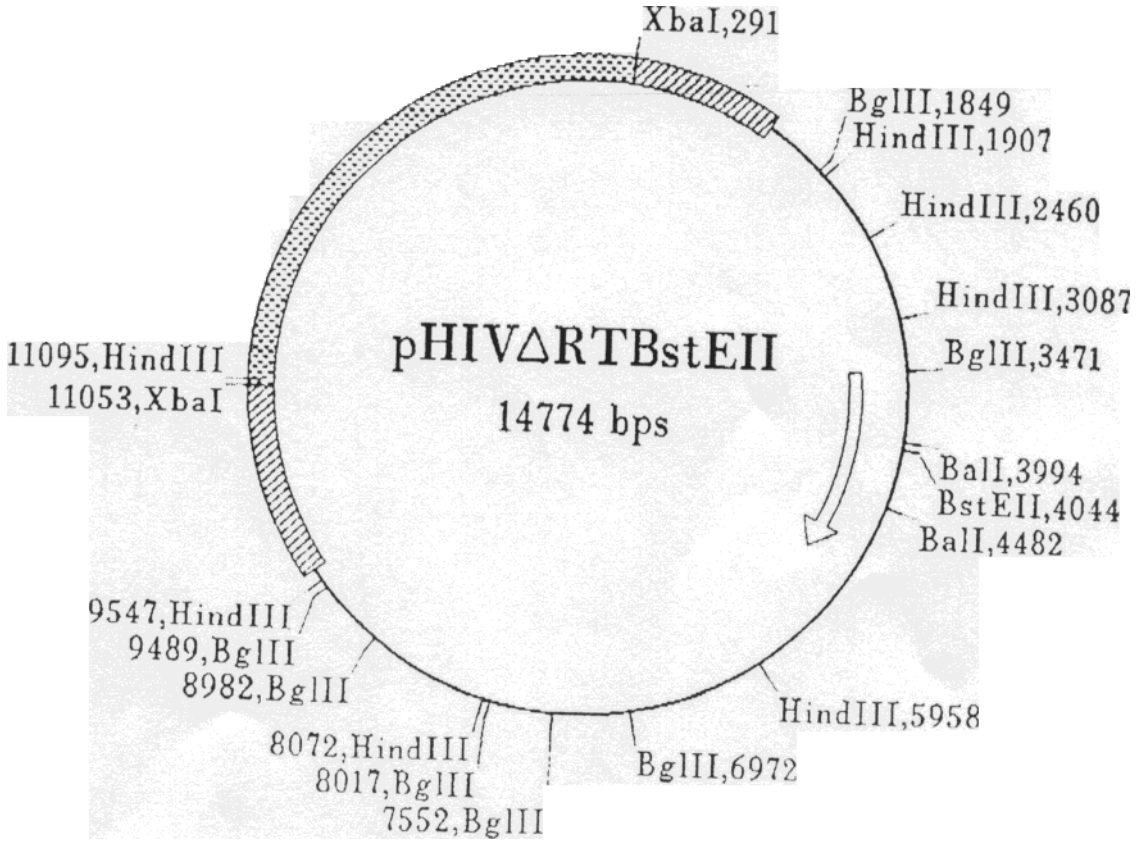
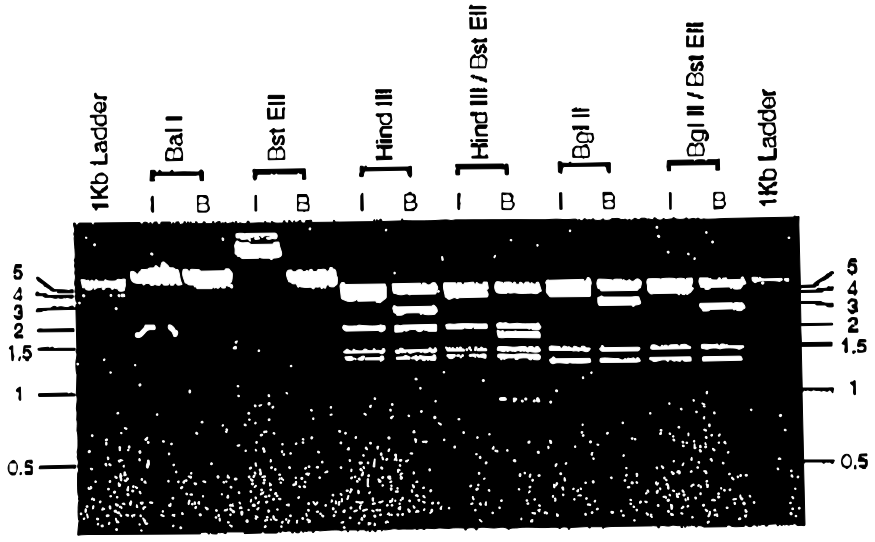

XbaI,291
BglII,1849
HindIII,1907
HindIII,2460
HindIII,3087
BglII,3471
BalI,3994
BstEII,4044
BalI,4482
HindIII,5958
BglII,6972
8072,HindIII
8017,BglII
7552,BglII
9547,HindIII
9489,BglII
8982,BglII
11095,HindIII
11053,XbaI
pHIVΔRTBstEII
14774 bps


1Kb Ladder
Bal I
Bst EII
Hind III
Hind III / Bst EII
Bgl II
Bgl II / Bst EII
1Kb Ladder
5
4
3
2
1.5
1
0.5

RESTRICTION PATTERNS :

P = Predicted band size (in base pairs)
G = Size of band as estimated from agarose gel (in base pairs)

Bal1	Bal1	Bgl1	Bgl1	HindIII	HindIII	HindIII BstEII	HindIII BstEII	BglII BstEII	BglII BstEII
P	G	P	G	P	G	P	G	P	G
14288	>12000	7300	7000	5700	6000	5700	6000	7300	7000
486	500	3270	3500	2869	2900	2114	2200	2821	2800
		1622	1600	2114	2200	2030	1600	1622	1600
		1430	1400	2030	1600	1907	2000	1430	1400
		580	600	1475	1400	1475	1400	580	600
		507	506	627	700	962	1000	578	600
				553	500	627	700	507	506
						553	500		

ACKNOWLEDGEMENTS :

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Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR (this can be electronically or as a paper copy)