

**Centre for AIDS Reagents**

**Data Sheet**

<b>REPOSITORY REFERENCE:</b>	<b>ARP2088</b>
<b>NAME:</b>	HIV-1 Panel of Paired Infant and Maternal Env Molecular Clones
<b>PROVIDED:</b>	5µg of each plasmid. See table for included clones.
<b>CLONING VECTOR:</b>	pcDNA3.1/V5-His TOPO TA (ampicilin and neomycin resistant).
<b>CLONING SITE:</b>	TOPO TA, 5'-3'. Insert size, approximately 3kb
<b>HOST STRAIN:</b>	STBL3
<b>DESCRIPTION:</b>	A collection of HIV-1 envelope clones isolated from chronically infected women and their infants who were infected with HIV-1 sometime between birth and 6 weeks post delivery. These clones are useful for the study of paired maternal and infant viruses near time of transmission. The infant clones, which represent recently transmitted variants, may also be useful for screening vaccine sera for neutralizing antibodies that can block recently transmitted viruses.
<b>RECOMMENDED STORAGE:</b>	-20°C.
<b>SOURCE:</b>	Dr. Julie Overbaugh (Courtesy of the NIH)
<b>REFERENCES:</b>	Wu, X. et al, J. Virol. <b>80</b> (2), 835-844 (2006).
<b>ACKNOWLEDGEMENTS:</b>	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Research and Reference Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 Panel of Infant and Maternal Env Molecular Clones (Cat# 11674), from Dr. Julie Overbaugh", also include sited references.

**Scientists at for-profit institutions or who intend commercial use of this reagent must contact Gerianne Sands, Associate**

**General Counsel, Fred Hutchinson Cancer Research Center, 110 Fairview Avenue North, Seattle WA, 98109, Tel: (206)667-1224, Fax: (206)667-6590, Email: gjsands@fhcrc.org, and specify the name of the reagent and a description of the intended use, before the reagent can be released.**

Publications should acknowledge the donor of the reagent and the Programme EVA Centre for AIDS Reagents. Suggested wording can be found on our website in the “Acknowledgements” section at:

[www.nibsc.ac.uk/spotlight/centre\\_for\\_aids\\_reagents.aspx](http://www.nibsc.ac.uk/spotlight/centre_for_aids_reagents.aspx)

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)

### **HIV-1 Panel of Paired Infant and Maternal Env Molecular Clones (Cat No. 11674, Lot No. 098322)**

Dr. Julie Overbaugh, Fred Hutchinson Cancer Research Center

Infant Clone <sup>1</sup>	Cat No.	Env Subtype	GenBank Access. No.	Corresponding Maternal Clone <sup>2</sup>	Cat No.	Env Subtype	GenBank Access. No.
BF535.W6M.ENV.A1	<a href="#">11517</a>	D/A	DQ208431	MF535.W0M.ENV.C1	<a href="#">11526</a>	D/A	DQ208426
				MF535.W0M.ENV.D11	<a href="#">11527</a>	D/A	DQ208427
BG505.W6M.ENV.C2	<a href="#">11518</a>	A	DQ208458	MG505.W0M.ENV.A2	<a href="#">11528</a>	A	DQ208449
				MG505.W0M.ENV.H3	<a href="#">11529</a>	A	DQ208455
B1206.W6P.ENV.A1	<a href="#">11519</a>	A	DQ208465	MI206.W0M.ENV.B1	<a href="#">11530</a>	A	DQ208460
				MI206.W0M.ENV.D1	<a href="#">11531</a>	A	DQ208462
BJ412.W6M.ENV.S3	<a href="#">11520</a>	C	DQ208443	MJ412.W0M.ENV.B1	<a href="#">11532</a>	C	DQ208435
				MJ412.W0M.ENV.C1	<a href="#">11533</a>	C	DQ208436
BJ613.W6M.ENV.E1	<a href="#">11521</a>	A	DQ208448	MJ613.W0M.ENV.A2	<a href="#">11534</a>	A	DQ208444
				MJ613.W0M.ENV.B1	<a href="#">11535</a>	A	DQ208445
BK184.W6M.ENV.D2	<a href="#">11522</a>	C/D	DQ208491	MK184.W0M.ENV.E4	<a href="#">11536</a>	C/D	DQ208485
				MK184.W0M.ENV.G3	<a href="#">11537</a>	C/D	DQ208487
BL035.W6M.ENV.C1	<a href="#">11524</a>	D/A	DQ208480	ML035.W0M.ENV.G2	<a href="#">11538</a>	D/A	DQ208474
				ML035.W0M.ENV.I2	<a href="#">11539</a>	D/A	DQ208475
BL274.W6M.ENV.A3	<a href="#">11525</a>	A	DQ208499	ML274.W0M.ENV.B1	<a href="#">11540</a>	A	DQ208493
				ML274.W0M.ENV.F1	<a href="#">11541</a>	A	DQ208497

<sup>1</sup> Isolated from an infant infected between birth and 6 weeks post-delivery.

<sup>2</sup> Isolated from a chronically infected woman who transmitted HIV-1 to her infant at Week 0 after delivery.