

## Centre for AIDS Reagents

### Data Sheet

|                                 |   |
|---------------------------------|---|
| <b>REPOSITORY REFERENCE:</b>    | <b>ARP2089</b>  |
| <b>NAME:</b>                    | Panel of HIV-1 Envelope Clones - Subtypes A, A/D, A2/D, C, D  |
| <b>DESCRIPTION:</b>             | The envelope region of HIV-1 was amplified by PCR from PBMC DNA. The PCR product was digested with MluI/NotI gel isolated and cloned into MluI/NotI digested pCI-neo.   |
| <b>SPECIAL CHARACTERISTICS:</b> | Panel of HIV-1 envelope clones isolated from women who acquired HIV-1 sexually. The envelope sequence was cloned from PBMC DNA at 23-100 days post-infection, as described in Blish JV, 83: 7783-7788, 2009 and Long et al. ARHR 18: 567-576, 2002.   |
| <b>CLONING VECTOR:</b>          | PCI-neo (ampicillin and neomycin resistance); The size of the cloning vector including insert is approximately 8.5kb. The size of the insert alone is approximately 3kb.  |
| <b>CLONING SITE:</b>            | MluI-NotI, 5'-3'  |
| <b>HOST STRAIN:</b>             | STBL3   |
| <b>PROVIDED:</b>                | 10 µl of each plasmid. Refer to the table below for a list of clones included in this set and concentration.  |
| <b>RECOMMENDED STORAGE:</b>     | -70°C.  |
| <b>SOURCE:</b>                  | Dr. Julie Overbaugh (Courtesy of the NIH)   |
| <b>REFERENCES:</b>              | Long et al. ARHR 18: 567-576, 2002<br>Blish et al Journal of Virology, 2009 Aug; 83(15): 7783-7788.   |
| <b>ACKNOWLEDGEMENTS:</b>        | 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:<br><br><a href="http://www.nibsc.ac.uk/spotlight/centre_for_aids_reagents.aspx">www.nibsc.ac.uk/spotlight/centre_for_aids_reagents.aspx</a><br><br>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) |
| <b>NOTE:</b>                    | <b>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.</b>  |

### Panel of HIV-1 Env Clones

Dr. Julie Overbaugh (Fred Hutchinson Cancer Research Center)

| Cat No             | Reagent Name      | Subtype | Lot No | Conc. (ng/μL) | GenBank  |
|--------------------|-------------------|---------|--------|---------------|----------|
| 11884              | Q769env.h5        | A       | 100014 | 500           | AF407159 |
| 11885              | Q842env.d14       | A       | 100015 | 639           | AF407161 |
| 11886              | Q842env.d16       | A       | 100016 | 279           | AF407162 |
| 11887              | Q259env.w6        | A       | 100017 | 587           | AF407151 |
| 11888              | QB726.70M.ENV.C4  | A       | 100018 | 500           | FJ866112 |
| 11889              | QB726.70M.ENV.B3  | A       | 100019 | 500           | FJ866111 |
| 11890              | QF495.23M.ENV.A1  | A       | 100020 | 500           | FJ866113 |
| 11891              | QF495.23M.ENV.A3  | A       | 100021 | 500           | FJ866114 |
| 11892              | QF495.23M.ENV.B2  | A       | 100022 | 500           | FJ866115 |
| 11893              | QF495.23M.ENV.D1  | A       | 100023 | 500           | FJ866116 |
| 11894              | QG984.21M.ENV.A3  | A       | 100024 | 479           | FJ866117 |
| 11895              | QH209.14M.ENV.A2  | A       | 100025 | 398           | FJ866118 |
| 11896              | QH343.21M.ENV.A10 | A       | 100026 | 500           | FJ866119 |
| 11897              | QH343.21M.ENV.B5  | A       | 100027 | 500           | FJ866120 |
| 11898              | QH359.21M.ENV.C1  | A       | 100028 | 500           | FJ866121 |
| 11899              | QH359.21M.ENV.D1  | A       | 100029 | 500           | FJ866122 |
| 11900              | QH359.21M.ENV.E2  | A       | 100030 | 500           | FJ866123 |
| 11901              | QA790.204I.ENV.A4 | A/D     | 100031 | 500           | FJ866124 |
| 11902              | QA790.204I.ENV.C1 | A/D     | 100032 | 500           | FJ866125 |
| 11903              | QA790.204I.ENV.C8 | A/D     | 100033 | 500           | FJ866126 |
| 11904              | QA790.204I.ENV.E2 | A/D     | 100034 | 373           | FJ866127 |
| 11905              | QG393.60M.ENV.A1  | A2/D    | 100035 | 575           | FJ866128 |
| 11906              | QG393.60M.ENV.B7  | A2/D    | 100036 | 298           | FJ866129 |
| 11907              | QG393.60M.ENV.B8  | A2/D    | 100037 | 275           | FJ866130 |
| 11908              | QB099.391M.ENV.B1 | C       | 100038 | 500           | FJ866131 |
| 11909              | QB099.391M.ENV.C8 | C       | 100039 | 629           | FJ866132 |
| 11910              | QC406.70M.ENV.F3  | C       | 100040 | 500           | FJ866133 |
| 11911              | QA013.70I.ENV.H1  | D       | 100041 | 500           | FJ866134 |
| 11912              | QA013.70I.ENV.M12 | D       | 100042 | 500           | FJ866135 |
| 11913              | QA465.59M.ENV.A1  | D       | 100043 | 454           | FJ866136 |
| 11914              | QA465.59M.ENV.D1  | D       | 100044 | 479           | FJ866137 |
| 11915              | QB857.23I.ENV.B3  | D       | 100045 | 386           | FJ866138 |
| 11916              | QD435.100M.ENV.B5 | D       | 100046 | 380           | FJ866140 |
| 11917              | QD435.100M.ENV.A4 | D       | 100047 | 526           | FJ866139 |
| 11918              | QD435.100M.ENV.E1 | D       | 100048 | 500           | FJ866141 |
| <i>REV 04May11</i> |                   |         |        |               |          |