

**Data Sheet**

**NAME :** Rhesus CXCR4/CCR5 Expression Vectors

**REPOSITORY REFERENCE :** ARP 2019.1 - .2

<b>Repository Reference</b>	<b>Clone</b>	<b>Description</b>
ARP 2019.1	pBABE.Rh-CXCR4	Rhesus CXCR4 is cloned into pBABE.puro's <i>EcoRI-Sall</i> sites as an <i>EcoRI-XhoI</i> fragment.
ARP 2019.2	pBABE.Rh-CCR5	Rhesus CCR5 is cloned into pBABE.puro's <i>BamHI-Sall</i> sites as a <i>BamHI – XhoI</i> fragment.

**PROVIDED:** Each clone provided as 1ml transformed TOP-10 bacteria (glycerol stocks)

**DESCRIPTION:** These clones contain the rhesus CXCR4 or CCR5, coding regions clones into the retroviral expression vector pBABE-puro.

**SPECIAL CHARACTERISTICS :** Expressed CCR5, and CXCR4 can be detected by FACS analysis. The GenBank accession number for Rh-CCR5 is U73739; the GenBank accession number for Rh-CXCR4 is U73740.

**STORAGE :** -70°C

**SOURCE :** Dr Preston Marx (courtesy of NIH AIDS Research and reference Reagent Programme.)

**REFERENCE :**

Chen Z, Zhou P, Ho DD, Landau NR, Marx PA.  
Genetically divergent strains of simian immunodeficiency virus use CCR5 as a coreceptor for entry. *J Virol* **71**:2705-2714, 1997

**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)