|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Envelope** | **Subtype** | **Co-receptor** | **Sensitivity** | **Disease stage** | **V3 net charge1** | **Source** |
| JRFL | B | CCR5 | Tier 2 | Chronic | 3.2 | Koyanagi et al. 1987 Science. 236(4803):819-22. |
| JRCSF | B | CCR5 | Tier 2 | Chronic | 5.2 | Koyanagi et al. 1987 Science. 236(4803):819-22. |
| SF162 | B | CCR5 | Tier 1A | Chronic | 3.1 | Cheng-Mayer et al. 1988 Ann Neurol.23 S58-61. |
| DH123 | B | CCR5 and CXCR4 | Tier 1 | Chronic | 4.1 | Shibata et al. 1995 J.Virol. 69 4453-4462.  |
| PVO.4 | B | CCR5 | Tier 3 | Acute | 3 | Li et al. 2005 J.Virol.79 10108-10125 |
| REJOc/2864 | B | CCR5 | Tier 2 | T/F | 4.1 | Li et al. 2005 J.Virol.79 10108-10125 |
| THROc/2626 | B | CCR5 | Tier 2 | T/F | 4.1 | Li et al. 2005 J.Virol.79 10108-10125 |
| BG505 | A | CCR5 | Tier 3 | T/F | 3.1 | Wu et al. 2006 J.Virol.80 835-844 |
| ZM53M.PB12 | C | CCR5 | Tier 2 | Acute | 4 | Derdeyn et al. 2004 Science.303 2019-2022 |
| ZM109F.PB4 | C | CCR5 | Tier 1B | Acute | 4 | Derdeyn et al. 2004 Science.303 2019-2022 |
| ZM214M.PL15 | C | CCR5 | Tier 2 | Acute | 3.1 | Derdeyn et al. 2004 Science.303 2019-2022 |