

S1 Table

Inhibitor	Drug class	Target/Epitope	Reference	Source
1-79	Antibody	gp120, V3 crown	Scheid <i>et al.</i> 2009 Nature. 458(7238):636-40	M. Nussenzweig, The Rockefeller University, New York, USA
447-52D	Antibody	gp120, V3 crown	Gorny <i>et al.</i> 1992 J Virol. 66(12):7538-42	H. Katinger and D. Katinger, Polymun, Vienna, Austria
17b	Antibody	gp120, CD4i	Thali <i>et al.</i> 1993 J Virol. 67(7):3978-88	J. Robinson, Tulane University Medical Center, New Orleans, USA
48d	Antibody	gp120, CD4i	Thali <i>et al.</i> 1993 J Virol. 67(7):3978-88	J. Robinson, Tulane University Medical Center, New Orleans, USA
b6	Antibody	gp120, CD4bs	Barbas III <i>et al.</i> 1992 Proc Natl Acad Sci U S A. 89(19):9339-43	D. Burton, The Scripps Research Institute, La Jolla, USA
b12	Antibody	gp120, CD4bs	Barbas III <i>et al.</i> 1992 Proc Natl Acad Sci U S A. 89(19):9339-43	D. Burton, The Scripps Research Institute, La Jolla, USA
VRC01	Antibody	gp120, CD4bs	Wu <i>et al.</i> 2010 Science. 329(5993):856-61	J. Mascola*, Vaccine Research Center, National Institutes of Health, Bethesda, USA
2G12	Antibody	gp120, high mannose patch	Trkola <i>et al.</i> 1996 J Virol. 70(2):1100-8	H. Katinger and D. Katinger, Polymun, Vienna, Austria
PGT128	Antibody	gp120, high mannose patch	Walker <i>et al.</i> 2011 Nature. 477(7365):466-70	D. Burton, The Scripps Research Institute, La Jolla, USA
PGT121	Antibody	gp120, high mannose patch	Walker <i>et al.</i> 2011 Nature. 477(7365):466-70	D. Burton, The Scripps Research Institute, La Jolla, USA
PGT135	Antibody	gp120, high mannose patch	Walker <i>et al.</i> 2011 Nature. 477(7365):466-70	D. Burton, The Scripps Research Institute, La Jolla, USA
PG9	Antibody	gp120, trimer apex	Walker <i>et al.</i> 2009 Science. 326(5950):285-9	D. Burton, The Scripps Research Institute, La Jolla, USA
PG16	Antibody	gp120, trimer apex	Walker <i>et al.</i> 2009 Science. 326(5950):285-9	D. Burton, The Scripps Research Institute, La Jolla, USA
PGT145	Antibody	gp120, trimer apex	Walker <i>et al.</i> 2011 Nature. 477(7365):466-70	D. Burton, The Scripps Research Institute, La Jolla, USA
PGDM1400	Antibody	gp120, trimer apex	Sok <i>et al.</i> 2014 Proc Natl Acad Sci U S A. 111(49):17624-9	D. Burton, The Scripps Research Institute, La Jolla, USA
35O22	Antibody	gp120/gp41 interface	Huang <i>et al.</i> 2014 Nature. 515(7525):138-42	J. Mascola*, Vaccine Research Center, National Institutes of Health, Bethesda, USA
PGT151	Antibody	gp120/gp41 interface	Falkowska <i>et al.</i> 2014 Immunity. 40(5):657-68	D. Burton, The Scripps Research Institute, La Jolla, USA
VRC34.01	Antibody	gp41 fusion peptide	Kong <i>et al.</i> 2016 Science. 352(6287):828-33	J. Mascola, Vaccine Research Center, National Institutes of Health, Bethesda, USA
5F3	Antibody	gp41 FPPR	Buchacher <i>et al.</i> 1994 AIDS Res Hum Retroviruses. 10(4):359-69	H. Katinger and D. Katinger, Polymun, Vienna, Austria
25C2	Antibody	gp41 FPPR	Buchacher <i>et al.</i> 1994 AIDS Res Hum Retroviruses. 10(4):359-69	H. Katinger and D. Katinger, Polymun, Vienna, Austria
3D6	Antibody	gp41 cluster I	Buchacher <i>et al.</i> 1994 AIDS Res Hum Retroviruses. 10(4):359-69	H. Katinger and D. Katinger, Polymun, Vienna, Austria

S1 Table

4B3	Antibody	gp41 cluster I	Buchacher <i>et al.</i> 1994 AIDS Res Hum Retroviruses. 10(4):359-69	H. Katinger and D. Katinger, Polymun, Vienna, Austria
4D4	Antibody	gp41 cluster I	Buchacher <i>et al.</i> 1994 AIDS Res Hum Retroviruses. 10(4):359-69	H. Katinger and D. Katinger, Polymun, Vienna, Austria
240-D	Antibody	gp41 cluster I	Xu <i>et al.</i> 1991 J Virol. 65(9):4832-8	S. Zolla-Pazner*, Mount Sinai School of Medicine, New York, USA
50-69	Antibody	gp41 cluster I	Xu <i>et al.</i> 1991 J Virol. 65(9):4832-8	S. Zolla-Pazner*, Mount Sinai School of Medicine, New York, USA
98-6	Antibody	gp41 cluster II	Xu <i>et al.</i> 1991 J Virol. 65(9):4832-8	S. Zolla-Pazner*, Mount Sinai School of Medicine, New York, USA
126-7	Antibody	gp41 cluster II	Xu <i>et al.</i> 1991 J Virol. 65(9):4832-8	S. Zolla-Pazner*, Mount Sinai School of Medicine, New York, USA
167-D IV	Antibody	gp41 cluster II	Xu <i>et al.</i> 1991 J Virol. 65(9):4832-8	S. Zolla-Pazner*, Mount Sinai School of Medicine, New York, USA
2F5	Antibody	gp41, MPER	Buchacher <i>et al.</i> 1994 AIDS Res Hum Retroviruses. 10(4):359-69	H. Katinger and D. Katinger, Polymun, Vienna, Austria
4E10	Antibody	gp41, MPER	Stiegler <i>et al.</i> 2001 AIDS Res Hum Retroviruses. 17(18):1757-65	H. Katinger and D. Katinger, Polymun, Vienna, Austria
10E8	Antibody	gp41, MPER	Huang <i>et al.</i> 2012 Nature. 491(7424):406-12	M. Connors*, National Institute of Allergy and Infectious Diseases, NIH, Bethesda, USA
C34	HR2 mimic, fusion inhibitor	gp41, HR1	Chan <i>et al.</i> 1998 Proc Natl Acad Sci U S A. 95(26): 15613–15617	Purchased from AnaSpec Inc.
C34-IgG₁	C34-antibody chimera	gp41, HR1	Si <i>et al.</i> 2004 Proc Natl Acad Sci U S A. 101(14):5036-41	A. Herschhorn and J. Sodroski, Department of Immunology Cancer and Virology, Dana-Farber Cancer Institute, Boston, USA
CD4-IgG₂	CD4-antibody chimera	gp120, CD4bs	Allaway <i>et al.</i> 1995 AIDS Res Hum Retroviruses. 11(5):533-9	W. Olson*, Progenics Pharmaceuticals Inc.
sCD4	Soluble CD4 protein	gp120, CD4bs	This study	Produced in <i>E. coli</i> , see Material and methods
* Through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH				