

**Please note, in an effort to better serve our registrants, we have been creating pools from most of our peptide sets. Lot 130310 of cat# 6208 was synthesized and made into sets as well as a pool (cat #12438 lot 171013BAR). Thus, all the data included in this file applies to both the set and the pool.**

## Sequence

HIV-1 Consensus B Pol Sequence as of July 22, 2002

FFREDLAFPPQGKAREFSSEQTRANSPTRRELQVWGRDNNSLSEAGADRQGTVSFSFPQITLWQRPLVTIKIGGQLKEAL  
LDTGADDTVLEEMNLPGRWPKMIGGIGGFIKVRQYDQILIEICGHKAIGTVLVGPTPVNIIGRNLLTQIGCTLNFPISPIE  
TVPVKLKPMDGPKVKQWPLTEEKIKALVEICTEMEKEGKISKIGPENPYNTPVFAIKKKDSTKWRKLVDFRELNKRTQD  
FWEVQLGIPHPAGLKKKKSVTVLDVGDAYFSVPLDKDFRKYTAFTIPSINNETPGIRYQYNVLPQGWKGSFAIFQSSMTK  
ILEPFRKQNPDIYQYMDDLYVGSdleIGQHRTKIEELRQHLLRWGFTTPDKKHQKEPPFLWMGYELHPDKWTVQPIV  
LPEKDSWTVNDIQKLVGKLNWASQIYAGIKVKQLCKLLRGTKALTEVIPLTEEALELAENREILKEPVHGVVYDPSKDLIA  
EIQKQGQGWTYQIYQEPFKNLKTGKYARMRGAHTNDVKQLTEAVQKIATESIVIWGKTPKFKLPIQKETWEAWWTE  
YWQATWIPEWEFVNTPLVWKLWYQLEKEPIVGAETFYVDGAANRETKLGKAGYVTDGRGRQKVVSLDTTNQTTELQAI  
HLALQDSGLEVNIVTDSQYALGIIQAQPKSESELVSQIIEQLIKKEKVYLAWVPAHKGIGGNEQVDKLVSAIRKVLFLD  
GIDKAQEEHEKYHSNWRAMASDFNLPPVVAKEIVASCDKQKLGKGEAMHGQVDCSPGIWQLDCTHLEGKIILVAVHVA  
SGYIEAEVIPAETGQETAYFLLKLAGRWPVKTIHTDNGSNFTSTTVKAACWWAGIKQEFGIPYNPQSQGVVESMNKELK  
KIIGQVRDQAEHLKTAVQMAVFIHNFKRKGGIGGYSAGERIVDIIATDIQTKELQKQITKIQNFRVYYRDSRDPLWKGPA  
KLLWKGEGAVVIQDNSDIKVVPRRKAIIIRDYGKQMAGDDCVASRQDED

## Solubility Information Order 21467 (PO# PARP0000389)

Peptide	Peptide Name	Sequence	Solubility mg/ml	Solvent			
				Water	PBS	10% Acetic Acid	DMSO
21467_001	HIV-1 Consensus B Pol_001	H-FFREDLAFPQGGKARE-OH	0.25	-	-	-	+
21467_002	HIV-1 Consensus B Pol_002	H-DLAFPQGGKAREFSSE-OH	0.25	-	-	-	+
21467_003	HIV-1 Consensus B Pol_003	H-PQGGKAREFSSEQTRA-OH	0.25	-	-	-	+
21467_004	HIV-1 Consensus B Pol_004	H-AREFSSEQTRANSPT-OH	0.25	-	-	-	+
21467_005	HIV-1 Consensus B Pol_005	H-SSEQTRANSPTREL-OH	0.25	-	-	-	+
21467_006	HIV-1 Consensus B Pol_006	H-TRANSPTRELQVWG-OH	0.25	-	-	-	+
21467_007	HIV-1 Consensus B Pol_007	H-SPTRELQVWGRDNN-OH	0.25	-	-	-	+
21467_008	HIV-1 Consensus B Pol_008	H-RELQVWGRDNNLSLSE-OH	0.25	-	-	-	+
21467_009	HIV-1 Consensus B Pol_009	H-VWGRDNNLSLSEAGAD-OH	0.25	-	-	-	+
21467_010	HIV-1 Consensus B Pol_010	H-DNNLSLSEAGADRQGT-OH	0.25	-	-	-	+
21467_011	HIV-1 Consensus B Pol_011	H-LSEAGADRQGTVSFS-OH	0.25	-	-	-	+
21467_012	HIV-1 Consensus B Pol_012	H-GADRQGTVSFSFPQI-OH	0.25	-	-	-	+
21467_013	HIV-1 Consensus B Pol_013	H-QGTVSFSFPQITLWQ-OH	0.25	-	-	-	+
21467_014	HIV-1 Consensus B Pol_014	H-SFSFPQITLWQRPLV-OH	0.25	-	-	-	+
21467_015	HIV-1 Consensus B Pol_015	H-PQITLWQRPLVTIKI-OH	0.25	-	-	-	+
21467_016	HIV-1 Consensus B Pol_016	H-LWQRPLVTIKIGGQL-OH	0.25	-	-	-	+
21467_017	HIV-1 Consensus B Pol_017	H-PLVTIKIGGQLKEAL-OH	0.25	-	-	-	+
21467_018	HIV-1 Consensus B Pol_018	H-IKIGGQLKEALLDTG-OH	0.25	-	-	+	+
21467_019	HIV-1 Consensus B Pol_019	H-GQLKEALLDTGADDT-OH	0.25	-	-	-	+
21467_020	HIV-1 Consensus B Pol_020	H-EALLDTGADDTVLEE-OH	0.25	-	+	-	+
21467_021	HIV-1 Consensus B Pol_021	H-DTGADDTVLEEMNLP-OH	0.25	-	+	-	+
21467_022	HIV-1 Consensus B Pol_022	H-DDTVLEEMNLPGRWK-OH	0.25	-	-	-	+
21467_023	HIV-1 Consensus B Pol_023	H-LEEMNLPGRWKPKMI-OH	0.25	-	-	-	+
21467_024	HIV-1 Consensus B Pol_024	H-NLPGRWKPKMIGGIG-OH	0.25	-	-	-	+
21467_025	HIV-1 Consensus B Pol_025	H-RWKPKMIGGIGGFIK-OH	0.25	-	-	+	+
21467_026	HIV-1 Consensus B Pol_026	H-KMIGGIGGFIKVRQY-OH	0.25	-	-	+	+
21467_027	HIV-1 Consensus B Pol_027	H-GIGGFIKVRQYDQIL-OH	0.25	-	-	-	+
21467_028	HIV-1 Consensus B Pol_028	H-FIKVRQYDQILIEIC-OH	0.25	-	-	-	+
21467_029	HIV-1 Consensus B Pol_029	H-RQYDQILIEICGHKA-OH	0.25	-	-	-	+
21467_030	HIV-1 Consensus B Pol_030	H-QILIEICGHKAIGTV-OH	0.25	-	-	-	+
21467_031	HIV-1 Consensus B Pol_031	H-EICGHKAIGTVLVGP-OH	0.25	-	-	+	+
21467_032	HIV-1 Consensus B Pol_032	H-HKAIGTVLVGPTPVN-OH	0.25	-	-	+	+
21467_033	HIV-1 Consensus B Pol_033	H-GTVLVGPTPVNIIGR-OH	0.25	-	-	-	+
21467_034	HIV-1 Consensus B Pol_034	H-VGPTPVNIIGRNLLT-OH	0.25	-	-	-	+
21467_035	HIV-1 Consensus B Pol_035	H-PVNIIGRNLLTQIGC-OH	0.25	-	-	-	+
21467_036	HIV-1 Consensus B Pol_036	H-IGRNLLTQIGCTLNF-OH	0.25	-	-	-	+
21467_037	HIV-1 Consensus B Pol_037	H-LLTQIGCTLNFPISP-OH	0.25	-	-	-	+
21467_038	HIV-1 Consensus B Pol_038	H-IGCTLNFPISPIETV-OH	0.25	-	-	-	+
21467_039	HIV-1 Consensus B Pol_039	H-LNFPISPIETVPVKL-OH	0.25	-	-	-	+
21467_040	HIV-1 Consensus B Pol_040	H-ISPIETVPVKLKPGM-OH	0.25	-	-	+	+
21467_041	HIV-1 Consensus B Pol_041	H-ETVPVKLKPMDGPK-OH	0.25	-	-	+	+
21467_042	HIV-1 Consensus B Pol_042	H-VKLKPGMDGPKVKQW-OH	0.25	-	-	-	+
21467_043	HIV-1 Consensus B Pol_043	H-PGMDGPKVKQWPLTE-OH	0.25	-	-	-	+
21467_044	HIV-1 Consensus B Pol_044	H-GPKVKQWPLTEEKIK-OH	0.25	-	-	+	+
21467_045	HIV-1 Consensus B Pol_045	H-KQWPLTEEKIKALVE-OH	0.25	-	-	-	+
21467_046	HIV-1 Consensus B Pol_046	H-LTEEKIKALVEICTE-OH	0.25	-	-	-	+
21467_047	HIV-1 Consensus B Pol_047	H-KIKALVEICTEMEKE-OH	0.25	-	-	-	+
21467_048	HIV-1 Consensus B Pol_048	H-LVEICTEMEKEKGKIS-OH	0.25	-	-	-	+
21467_049	HIV-1 Consensus B Pol_049	H-CTEMEKEKGKISKIGP-OH	0.25	-	-	-	+
21467_050	HIV-1 Consensus B Pol_050	H-EKEKGKISKIGPENPY-OH	0.25	-	-	-	+
21467_051	HIV-1 Consensus B Pol_051	H-KISKIGPENPYNTPV-OH	0.25	-	-	-	+
21467_052	HIV-1 Consensus B Pol_052	H-IGPENPYNTPVFAIK-OH	0.25	-	-	-	+
21467_053	HIV-1 Consensus B Pol_053	H-NPYNTPVFAIKKDS-OH	0.25	-	-	-	+
21467_054	HIV-1 Consensus B Pol_054	H-TPVFAIKKDKSTKWR-OH	0.25	-	-	+	+
21467_055	HIV-1 Consensus B Pol_055	H-AIKKDKSTKWRKLV-DH	0.25	-	-	+	+
21467_056	HIV-1 Consensus B Pol_056	H-KDSTKWRKLVDFREL-OH	0.25	-	-	+	+
21467_057	HIV-1 Consensus B Pol_057	H-KWRKLVDFRELNKRT-OH	0.25	-	-	-	+
21467_058	HIV-1 Consensus B Pol_058	H-LVDFRELNKRTQDFW-OH	0.25	-	-	-	+
21467_059	HIV-1 Consensus B Pol_059	H-RELNKRTQDFWEVQL-OH	0.25	-	-	-	+
21467_060	HIV-1 Consensus B Pol_060	H-KRTQDFWEVQLGIPH-OH	0.25	-	-	-	+
21467_061	HIV-1 Consensus B Pol_061	H-DFWEVQLGIPHPAGL-OH	0.25	-	-	-	+
21467_062	HIV-1 Consensus B Pol_062	H-VQLGIPHPAGLKKKK-OH	0.25	-	-	+	+
21467_063	HIV-1 Consensus B Pol_063	H-IPHPAGLKKKKSIVTV-OH	0.25	-	-	+	+
21467_064	HIV-1 Consensus B Pol_064	H-AGLKKKKSIVTVLDVG-OH	0.25	-	-	+	+
21467_065	HIV-1 Consensus B Pol_065	H-KKKSIVTVLDVGDAYF-OH	0.25	-	-	-	+
21467_066	HIV-1 Consensus B Pol_066	H-VTVLDVGDAYFSVPL-OH	0.25	-	-	-	+
21467_067	HIV-1 Consensus B Pol_067	H-DVGDAYFSVPLDKDF-OH	0.25	-	-	-	+
21467_068	HIV-1 Consensus B Pol_068	H-AYFSVPLDKDFRKYT-OH	0.25	-	-	-	+

Peptide	Peptide Name	Sequence	Solubility mg/ml	Solvent			
				Water	PBS	10% Acetic Acid	DMSO
21467_069	HIV-1 Consensus B Pol_069	H-VPLDKDFRKYTAFTI-OH	0.25	-	+	-	+
21467_070	HIV-1 Consensus B Pol_070	H-KDFRKYTAFTIPSIN-OH	0.25	-	+	-	+
21467_071	HIV-1 Consensus B Pol_071	H-KYTAFTIPSINNETP-OH	0.25	-	-	-	+
21467_072	HIV-1 Consensus B Pol_072	H-FTIPSINNETPGIRY-OH	0.25	-	-	-	+
21467_073	HIV-1 Consensus B Pol_073	H-SINNETPGIRYQYNV-OH	0.25	-	-	-	+
21467_074	HIV-1 Consensus B Pol_074	H-ETPGIRYQYNVLPQG-OH	0.25	-	-	-	+
21467_075	HIV-1 Consensus B Pol_075	H-IRYQYNVLPQGWKGS-OH	0.25	-	-	-	+
21467_076	HIV-1 Consensus B Pol_076	H-YNVLPQGWKGSIPAIF-OH	0.25	-	-	-	+
21467_077	HIV-1 Consensus B Pol_077	H-PQGWKGSIPAIFQSSM-OH	0.25	-	-	-	+
21467_078	HIV-1 Consensus B Pol_078	H-KGSPAIFQSSMTKIL-OH	0.25	-	-	-	+
21467_079	HIV-1 Consensus B Pol_079	H-AIFQSSMTKILEPFR-OH	0.25	-	-	-	+
21467_080	HIV-1 Consensus B Pol_080	H-SSMTKILEPFRKQNP-OH	0.25	-	-	-	+
21467_081	HIV-1 Consensus B Pol_081	H-KILEPFRKQNPDIWI-OH	0.25	-	-	-	+
21467_082	HIV-1 Consensus B Pol_082	H-PFRKQNPDIWIQYM-OH	0.25	-	-	-	+
21467_083	HIV-1 Consensus B Pol_083	H-QNPDIWIQYMDLLY-OH	0.25	-	-	-	+
21467_084	HIV-1 Consensus B Pol_084	H-IVIQYMDLLYVGS-OH	0.25	-	-	-	+
21467_085	HIV-1 Consensus B Pol_085	H-QYMDLLYVGSLEIG-OH	0.25	-	-	-	+
21467_086	HIV-1 Consensus B Pol_086	H-DLYVGSLEIGQHRT-OH	0.25	-	-	-	+
21467_087	HIV-1 Consensus B Pol_087	H-GSDLEIGQHRTKIEE-OH	0.25	-	-	-	+
21467_088	HIV-1 Consensus B Pol_088	H-EIGQHRTKIEELRQH-OH	0.25	-	-	-	+
21467_089	HIV-1 Consensus B Pol_089	H-HRTKIEELRQHLLRW-OH	0.25	-	-	-	+
21467_090	HIV-1 Consensus B Pol_090	H-IEELRQHLLRWGFTT-OH	0.25	-	-	-	+
21467_091	HIV-1 Consensus B Pol_091	H-RQHLLRWGFTTPDKK-OH	0.25	-	-	-	+
21467_092	HIV-1 Consensus B Pol_092	H-LRWGFTTPDKKHQKE-OH	0.25	-	-	+	+
21467_093	HIV-1 Consensus B Pol_093	H-FTTPDKKHQKEPFL-OH	0.25	-	+	-	+
21467_094	HIV-1 Consensus B Pol_094	H-DKKHQKEPFLWMGY-OH	0.25	-	-	+	+
21467_095	HIV-1 Consensus B Pol_095	H-QKEPFLWMGYELHP-OH	0.25	-	-	-	+
21467_096	HIV-1 Consensus B Pol_096	H-PFLWMGYELHPDKWT-OH	0.25	-	-	-	+
21467_097	HIV-1 Consensus B Pol_097	H-MGYELHPDKWTVQPI-OH	0.25	-	-	-	+
21467_098	HIV-1 Consensus B Pol_098	H-LHPDKWTVQPIVLE-OH	0.25	-	-	-	+
21467_099	HIV-1 Consensus B Pol_099	H-KWTVQPIVLEPKDSW-OH	0.25	-	-	-	+
21467_100	HIV-1 Consensus B Pol_100	H-QPIVLEPKDSWTVND-OH	0.25	-	-	-	+
21467_101	HIV-1 Consensus B Pol_101	H-LPEKDSWTVNDIQKL-OH	0.25	-	-	-	+
21467_102	HIV-1 Consensus B Pol_102	H-DSWTVNDIQKLVGKL-OH	0.25	-	-	-	+
21467_103	HIV-1 Consensus B Pol_103	H-VNDIQKLVGKLNWAS-OH	0.25	-	-	-	+
21467_104	HIV-1 Consensus B Pol_104	H-QKLVGKLNWASQIYA-OH	0.25	-	-	-	+
21467_105	HIV-1 Consensus B Pol_105	H-GKLNWASQIYAGIKV-OH	0.25	-	-	-	+
21467_106	HIV-1 Consensus B Pol_106	H-WASQIYAGIKVKQLC-OH	0.25	-	-	-	+
21467_107	HIV-1 Consensus B Pol_107	H-IYAGIKVKQLCKLLR-OH	0.25	-	-	-	+
21467_108	HIV-1 Consensus B Pol_108	H-IKVKQLCKLLRGTKA-OH	0.25	-	-	-	+
21467_109	HIV-1 Consensus B Pol_109	H-QLCKLLRGTKALTEV-OH	0.25	-	-	-	+
21467_110	HIV-1 Consensus B Pol_110	H-LLRGTKALTEVIPLT-OH	0.25	-	-	-	+
21467_111	HIV-1 Consensus B Pol_111	H-TKALTEVIPLTEEA-OH	0.25	-	-	-	+
21467_112	HIV-1 Consensus B Pol_112	H-TEVIPLTEEALELA-OH	0.25	-	-	-	+
21467_113	HIV-1 Consensus B Pol_113	H-PLTEEALELAENRE-OH	0.25	-	-	-	+
21467_114	HIV-1 Consensus B Pol_114	H-EAELELAENREILKE-OH	0.25	-	-	-	+
21467_115	HIV-1 Consensus B Pol_115	H-ELAENREILKEPVHG-OH	0.25	-	+	-	+
21467_116	HIV-1 Consensus B Pol_116	H-NREILKEPVHGVYYD-OH	0.25	-	-	-	+
21467_117	HIV-1 Consensus B Pol_117	H-LKEPVHGVYYDPSKD-OH	0.25	-	-	-	+
21467_118	HIV-1 Consensus B Pol_118	H-VHGVYYDPSKDLIAE-OH	0.25	-	-	-	+
21467_119	HIV-1 Consensus B Pol_119	H-YYDPSKDLIAEIQKQ-OH	0.25	-	-	-	+
21467_120	HIV-1 Consensus B Pol_120	H-SKDLIAEIQKQGGQ-OH	0.25	-	-	-	+
21467_121	HIV-1 Consensus B Pol_121	H-IAEIQKQGGQWWTYQ-OH	0.25	-	-	-	+
21467_122	HIV-1 Consensus B Pol_122	H-QKQGGQWWTYQIQE-OH	0.25	-	-	-	+
21467_123	HIV-1 Consensus B Pol_123	H-QGQWWTYQIQEPFKN-OH	0.25	-	-	-	+
21467_124	HIV-1 Consensus B Pol_124	H-TYQIQEPFKNLKTG-OH	0.25	-	-	-	+
21467_125	HIV-1 Consensus B Pol_125	H-YQEPFKNLKTGKYAR-OH	0.25	-	-	-	+
21467_126	HIV-1 Consensus B Pol_126	H-FKNLKTGKYARMRGA-OH	0.25	-	-	-	+
21467_127	HIV-1 Consensus B Pol_127	H-KTGKYARMRGAHTND-OH	0.25	-	-	-	+
21467_128	HIV-1 Consensus B Pol_128	H-YARMRGAHTNDVKQL-OH	0.25	-	-	-	+
21467_129	HIV-1 Consensus B Pol_129	H-RGAHTNDVKQLTEAV-OH	0.25	-	-	-	+
21467_130	HIV-1 Consensus B Pol_130	H-TNDVKQLTEAVQKIA-OH	0.25	-	-	-	+
21467_131	HIV-1 Consensus B Pol_131	H-KQLTEAVQKIATESI-OH	0.25	-	-	-	+
21467_132	HIV-1 Consensus B Pol_132	H-EAVQKIATESIWIWG-OH	0.25	-	-	-	+
21467_133	HIV-1 Consensus B Pol_133	H-KIATESIWIWGKTPK-OH	0.25	-	-	-	+
21467_134	HIV-1 Consensus B Pol_134	H-ESIWIWGKTPKFKLP-OH	0.25	-	-	-	+
21467_135	HIV-1 Consensus B Pol_135	H-IWGKTPKFKLPQKE-OH	0.25	-	-	-	+
21467_136	HIV-1 Consensus B Pol_136	H-TPKFKLPQKETWEA-OH	0.25	-	-	-	+
21467_137	HIV-1 Consensus B Pol_137	H-KLPQKETWEAWWTE-OH	0.25	-	-	-	+
21467_138	HIV-1 Consensus B Pol_138	H-QKETWEAWWTEYWQA-OH	0.25	-	-	-	+
21467_139	HIV-1 Consensus B Pol_139	H-WEAWWTEYWQATWIP-OH	0.25	-	-	-	+
21467_140	HIV-1 Consensus B Pol_140	H-WTEYWQATWIPEWFE-OH	0.25	-	-	-	+



Peptide	Peptide Name	Sequence	Solubility mg/ml	Solvent			
				Water	PBS	10% Acetic Acid	DMSO
21467_141	HIV-1 Consensus B Pol_141	H-WQATWIPEWEFVNTF-OH	0.25	-	-	-	+
21467_142	HIV-1 Consensus B Pol_142	H-WIPEWEFVNTFPLVK-OH	0.25	-	-	-	+
21467_143	HIV-1 Consensus B Pol_143	H-WEFVNTFPLVKLWYQ-OH	0.25	-	-	-	+
21467_144	HIV-1 Consensus B Pol_144	H-NTPPLVKLWYQLEKE-OH	0.25	-	-	-	+
21467_145	HIV-1 Consensus B Pol_145	H-LVKLWYQLEKEPIVG-OH	0.25	-	-	-	+
21467_146	HIV-1 Consensus B Pol_146	H-WYQLEKEPIVGAETF-OH	0.25	-	-	-	+
21467_147	HIV-1 Consensus B Pol_147	H-EKEPIVGAETFYVDG-OH	0.25	-	-	-	+
21467_148	HIV-1 Consensus B Pol_148	H-IVGAETFYVDGAANR-OH	0.25	-	-	-	+
21467_149	HIV-1 Consensus B Pol_149	H-ETFYVDGAANRETKL-OH	0.25	-	-	-	+
21467_150	HIV-1 Consensus B Pol_150	H-VDGAANRETKLGKAG-OH	0.25	-	-	-	+
21467_151	HIV-1 Consensus B Pol_151	H-ANRETKLGKAGYVTD-OH	0.25	-	-	-	+
21467_152	HIV-1 Consensus B Pol_152	H-TKLGKAGYVDRGRQ-OH	0.25	-	-	-	+
21467_153	HIV-1 Consensus B Pol_153	H-KAGYVDRGRQKVV-OH	0.25	-	-	-	+
21467_154	HIV-1 Consensus B Pol_154	H-VDRGRQKVVSLTDT-OH	0.25	-	-	-	+
21467_155	HIV-1 Consensus B Pol_155	H-GRQKVVSLTDTNQG-OH	0.25	-	-	-	+
21467_156	HIV-1 Consensus B Pol_156	H-VVSLTDTTNQKTELQ-OH	0.25	-	-	-	+
21467_157	HIV-1 Consensus B Pol_157	H-TDTTNQKTELQAIHL-OH	0.25	-	-	-	+
21467_158	HIV-1 Consensus B Pol_158	H-NQKTELQAIHLALQD-OH	0.25	-	-	-	+
21467_159	HIV-1 Consensus B Pol_159	H-ELQAIHLALQDSGLE-OH	0.25	-	-	-	+
21467_160	HIV-1 Consensus B Pol_160	H-IHLALQDSGLEVNIV-OH	0.25	-	-	-	+
21467_161	HIV-1 Consensus B Pol_161	H-LQDSGLEVNIVTDSQ-OH	0.25	-	-	-	+
21467_162	HIV-1 Consensus B Pol_162	H-GLEVNIVTDSQYALG-OH	0.25	-	-	-	+
21467_163	HIV-1 Consensus B Pol_163	H-NIVTDSQYALGIIQA-OH	0.25	-	-	-	+
21467_164	HIV-1 Consensus B Pol_164	H-DSQYALGIIQAQPK-OH	0.25	-	-	-	+
21467_165	HIV-1 Consensus B Pol_165	H-ALGIIQAQPKSESE-OH	0.25	-	-	-	+
21467_166	HIV-1 Consensus B Pol_166	H-IQAQPKSESELVSO-OH	0.25	-	-	-	+
21467_167	HIV-1 Consensus B Pol_167	H-PDKSESELVSOIIEQ-OH	0.25	-	-	-	+
21467_168	HIV-1 Consensus B Pol_168	H-ESELVSOIIEQLIKK-OH	0.25	-	-	-	+
21467_169	HIV-1 Consensus B Pol_169	H-VSOIIEQLIKKEKVV-OH	0.25	-	-	-	+
21467_170	HIV-1 Consensus B Pol_170	H-IEQLIKKEKVYLAHV-OH	0.25	-	-	-	+
21467_171	HIV-1 Consensus B Pol_171	H-IKKEKVYLAHVPAHK-OH	0.25	-	-	-	+
21467_172	HIV-1 Consensus B Pol_172	H-KVYLAHVPAHKGIGG-OH	0.25	-	-	+	+
21467_173	HIV-1 Consensus B Pol_173	H-AVPAHKGIGGNEQV-OH	0.25	-	-	+	+
21467_174	HIV-1 Consensus B Pol_174	H-AHKGIGGNEQVDKLV-OH	0.25	-	-	+	+
21467_175	HIV-1 Consensus B Pol_175	H-IGGNEQVDKLVSAGI-OH	0.25	-	-	+	+
21467_176	HIV-1 Consensus B Pol_176	H-EQVDKLVSAGIRKVL-OH	0.25	-	-	-	+
21467_177	HIV-1 Consensus B Pol_177	H-KLVSAGIRKVLFLDG-OH	0.25	-	-	+	+
21467_178	HIV-1 Consensus B Pol_178	H-AGIRKVLFLDGIDKA-OH	0.25	-	+	-	+
21467_179	HIV-1 Consensus B Pol_179	H-KVFLFDGIDKAQEEH-OH	0.25	-	+	-	+
21467_180	HIV-1 Consensus B Pol_180	H-LDGIDKAQEEHEKYH-OH	0.25	-	+	-	+
21467_181	HIV-1 Consensus B Pol_181	H-DKAQEEHEKYHSNWR-OH	0.25	-	+	-	+
21467_182	HIV-1 Consensus B Pol_182	H-EEHEKYHSNWRAMAS-OH	0.25	-	-	-	+
21467_183	HIV-1 Consensus B Pol_183	H-KYHSNWRAMASDFNL-OH	0.25	-	-	-	+
21467_184	HIV-1 Consensus B Pol_184	H-NWRAMASDFNLPPVV-OH	0.25	-	-	-	+
21467_185	HIV-1 Consensus B Pol_185	H-MASDFNLPPVVAKEI-OH	0.25	-	-	-	+
21467_186	HIV-1 Consensus B Pol_186	H-FNLPPVVAKEIVASC-OH	0.25	-	-	-	+
21467_187	HIV-1 Consensus B Pol_187	H-PVVAKEIVASCCKCQ-OH	0.25	-	-	-	+
21467_188	HIV-1 Consensus B Pol_188	H-KEIVASCCKCQLKGE-OH	0.25	-	-	-	+
21467_189	HIV-1 Consensus B Pol_189	H-ASCCKCQLKGEAMHG-OH	0.25	-	-	-	+
21467_190	HIV-1 Consensus B Pol_190	H-KCQLKGEAMHGQVDC-OH	0.25	-	-	-	+
21467_191	HIV-1 Consensus B Pol_191	H-KGEAMHGQVDCSPGI-OH	0.25	-	-	-	+
21467_192	HIV-1 Consensus B Pol_192	H-MHGQVDCSPGIWQLD-OH	0.25	-	-	-	+
21467_193	HIV-1 Consensus B Pol_193	H-VDCSPGIWQLDCTHL-OH	0.25	-	-	-	+
21467_194	HIV-1 Consensus B Pol_194	H-PGIWQLDCTHLEGKI-OH	0.25	-	-	-	+
21467_195	HIV-1 Consensus B Pol_195	H-QLDCTHLEGKIILVA-OH	0.25	-	-	-	+
21467_196	HIV-1 Consensus B Pol_196	H-THLEGKIILVAVHVA-OH	0.25	-	-	-	+
21467_197	HIV-1 Consensus B Pol_197	H-GKIILVAVHVASGYI-OH	0.25	-	-	-	+
21467_198	HIV-1 Consensus B Pol_198	H-LVAVHVASGYIEAEV-OH	0.25	-	-	-	+
21467_199	HIV-1 Consensus B Pol_199	H-HVASGYIEAEVIPAEOH	0.25	-	-	-	+
21467_200	HIV-1 Consensus B Pol_200	H-GYIEAEVIPAETGQE-OH	0.25	-	-	-	+
21467_201	HIV-1 Consensus B Pol_201	H-AEVIPAETGQETAYFOH	0.25	-	-	-	+
21467_202	HIV-1 Consensus B Pol_202	H-PAETGQETAYFLLKLOH	0.25	-	-	-	+
21467_203	HIV-1 Consensus B Pol_203	H-GQETAYFLLKLAGRW-OH	0.25	-	-	-	+
21467_204	HIV-1 Consensus B Pol_204	H-AYFLLKLAGRWPVKTOH	0.25	-	-	-	+
21467_205	HIV-1 Consensus B Pol_205	H-LKLAGRWPVKTIHTDOH	0.25	-	-	-	+
21467_206	HIV-1 Consensus B Pol_206	H-GRWPVKTIHTDNGSNOH	0.25	-	-	-	+
21467_207	HIV-1 Consensus B Pol_207	H-VKTIHTDNGSNFTSTOH	0.25	-	-	-	+
21467_208	HIV-1 Consensus B Pol_208	H-HTDNGSNFTSTTVKAOH	0.25	-	-	-	+
21467_209	HIV-1 Consensus B Pol_209	H-GSNFTSTTVKAACVWVOH	0.25	-	-	-	+
21467_210	HIV-1 Consensus B Pol_210	H-TSTTVKAACVWVAGIKOH	0.25	-	-	-	+
21467_211	HIV-1 Consensus B Pol_211	H-VKAACVWVAGIKQEFGOH	0.25	-	-	-	+
21467_212	HIV-1 Consensus B Pol_212	H-CVWVAGIKQEFGIPYNOH	0.25	-	-	-	+

Peptide	Peptide Name	Sequence	Solubility mg/ml	Solvent			
				Water	PBS	10% Acetic Acid	DMSO
21467_213	HIV-1 Consensus B Pol_213	H-GIKQEFGIPYNPQSQ-OH	0.25	-	-	-	+
21467_214	HIV-1 Consensus B Pol_214	H-EFGIPYNPQSQGVVE-OH	0.25	-	-	-	+
21467_215	HIV-1 Consensus B Pol_215	H-PYNPQSQGVVESMNK-OH	0.25	-	-	-	+
21467_216	HIV-1 Consensus B Pol_216	H-QSQGVVESMNKELKK-OH	0.25	-	-	-	+
21467_217	HIV-1 Consensus B Pol_217	H-VVESMNKELKKIIGQ-OH	0.25	-	-	-	+
21467_218	HIV-1 Consensus B Pol_218	H-MNKELKKIIGQVRDQ-OH	0.25	-	-	-	+
21467_219	HIV-1 Consensus B Pol_219	H-LKKIIGQVRDQAEHL-OH	0.25	-	-	-	+
21467_220	HIV-1 Consensus B Pol_220	H-IGQVRDQAEHLKTAV-OH	0.25	-	-	-	+
21467_221	HIV-1 Consensus B Pol_221	H-RDQAEHLKTAVQMAV-OH	0.25	-	-	-	+
21467_222	HIV-1 Consensus B Pol_222	H-EHLKTAVQMAVFIHN-OH	0.25	-	-	-	+
21467_223	HIV-1 Consensus B Pol_223	H-TAVQMAVFIHNFKRK-OH	0.25	-	-	-	+
21467_224	HIV-1 Consensus B Pol_224	H-MAVFIHNFKRKGGIG-OH	0.25	-	-	+	+
21467_225	HIV-1 Consensus B Pol_225	H-IHNFKRKGGIGGYS-A-OH	0.25	-	-	+	+
21467_226	HIV-1 Consensus B Pol_226	H-KRKGGIGGYSAGERI-OH	0.25	-	-	+	+
21467_227	HIV-1 Consensus B Pol_227	H-GIGGYSAGERIVDII-OH	0.25	-	-	+	+
21467_228	HIV-1 Consensus B Pol_228	H-YSAGERIVDIIATDI-OH	0.25	-	-	-	+
21467_229	HIV-1 Consensus B Pol_229	H-ERIVDIIATDIQTKE-OH	0.25	-	-	-	+
21467_230	HIV-1 Consensus B Pol_230	H-DIIATDIQTKEKQK-OH	0.25	-	-	-	+
21467_231	HIV-1 Consensus B Pol_231	H-TDIQTKEKQKITKI-OH	0.25	-	-	-	+
21467_232	HIV-1 Consensus B Pol_232	H-TKELQKQITKIQNFR-OH	0.25	-	-	-	+
21467_233	HIV-1 Consensus B Pol_233	H-QKQITKIQNFRVYYR-OH	0.25	-	-	-	+
21467_234	HIV-1 Consensus B Pol_234	H-TKIQNFRVYYRDSRD-OH	0.25	-	-	-	+
21467_235	HIV-1 Consensus B Pol_235	H-NFRVYYRDSRDPLWK-OH	0.25	-	-	-	+
21467_236	HIV-1 Consensus B Pol_236	H-YYRDSRDPLWKGPAK-OH	0.25	-	-	-	+
21467_237	HIV-1 Consensus B Pol_237	H-SRDPLWKGPAKLLWK-OH	0.25	-	-	-	+
21467_238	HIV-1 Consensus B Pol_238	H-LWKGPAKLLWKGEA-OH	0.25	-	-	-	+
21467_239	HIV-1 Consensus B Pol_239	H-PAKLLWKGEAVVIQ-OH	0.25	-	-	-	+
21467_240	HIV-1 Consensus B Pol_240	H-LWKGEAVVIQDQNSD-OH	0.25	-	-	-	+
21467_241	HIV-1 Consensus B Pol_241	H-EGAVVIQDQNSDIKVV-OH	0.25	-	-	-	+
21467_242	HIV-1 Consensus B Pol_242	H-VIQDQNSDIKVVPRRK-OH	0.25	-	-	+	+
21467_243	HIV-1 Consensus B Pol_243	H-NSDIKVVPRRKAKII-OH	0.25	-	-	+	+
21467_244	HIV-1 Consensus B Pol_244	H-KVVPRRKAKIIRDYD-OH	0.25	-	-	+	+
21467_245	HIV-1 Consensus B Pol_245	H-RRKAKIIRDYDQMA-OH	0.25	-	-	+	+
21467_246	HIV-1 Consensus B Pol_246	H-KIIRDYDQMAAGDDC-OH	0.25	-	-	-	+
21467_247	HIV-1 Consensus B Pol_247	H-DYDQMAAGDDCVASR-OH	0.25	-	-	-	+
21467_248	HIV-1 Consensus B Pol_248	H-QMAGDDCVASRQDED-OH	0.25	-	+	-	+
21467_249	HIV-1 Consensus B Pol_249	H-DDCVASRQDED-OH	0.25	-	-	-	+

Remark:

100% DMSO  
 PBS pH 7.2  
 dest. Water  
 10% Ac. Acid in Water

+ complete dissolution  
 - incomplete dissolution



NIH-AIDS Reagent Program

Index	JPT-#	Sequence	Peptide Name	Batch#	MW (1) detected [g/mol]	MW (1) label	MW (2) detected [g/mol]	MW (2) label	MW (3) detected [g/mol]	MW (3) label	Theor. MW (average) [g/mol]	Theor. MW+TFA [g/mol]	Exp. MW vs. Theor. MW	Purity [%]	Amount [mg]	Purified	Comment
1	21467_001	H-FFREDLAFPOGKARE-OH	HIV-1 Consensus B Pol_001	020713R-41	1811.9	[M+H] <sup>+</sup>	906.5	[M+2H] <sup>2+</sup>	604.5	[M+3H] <sup>3+</sup>	1811.04	2267.04	pass	93.2	50.0	Y	
2	21467_002	H-DLAFPOGKAREFSSSE-OH	HIV-1 Consensus B Pol_002	020713R-39	1663.7	[M+H] <sup>+</sup>	842.0	[M+2H] <sup>2+</sup>	561.4	[M+3H] <sup>3+</sup>	1681.83	2023.83	pass	91.6	50.0	Y	2)
3	21467_003	H-POGKAREFSSSEQTRA-OH	HIV-1 Consensus B Pol_003	020713R-43	1692.6	[M+H] <sup>+</sup>	846.7	[M+2H] <sup>2+</sup>	565.0	[M+3H] <sup>3+</sup>	1691.82	2147.82	pass	88.9	50.0	Y	
4	21467_004	H-AREFSSSEQTRANSET-OH	HIV-1 Consensus B Pol_004	020713R-35	1681.5	[M+H] <sup>+</sup>	841.0	[M+2H] <sup>2+</sup>	561.0	[M+3H] <sup>3+</sup>	1680.75	2022.75	pass	85.2	50.0	Y	
5	21467_005	H-SSEQTRANSPTRREL-OH	HIV-1 Consensus B Pol_005	020713R-33	1732.7	[M+H] <sup>+</sup>	867.0	[M+2H] <sup>2+</sup>	578.1	[M+3H] <sup>3+</sup>	1731.84	2187.84	pass	84.7	50.0	Y	2)
6	21467_006	H-TRANSPTRRELQVWG-OH	HIV-1 Consensus B Pol_006	020713R-37	1771.8	[M+H] <sup>+</sup>	886.1	[M+2H] <sup>2+</sup>	591.2	[M+3H] <sup>3+</sup>	1770.96	2226.96	pass	90.6	50.0	Y	
7	21467_007	H-SPTRRELQVWGRDNN-OH	HIV-1 Consensus B Pol_007	020713R-12	-	-	915.0	[M+2H] <sup>2+</sup>	610.2	[M+3H] <sup>3+</sup>	1827.97	2283.97	pass	87.4	50.0	Y	
8	21467_008	H-RELQVWGRDNNLSLE-OH	HIV-1 Consensus B Pol_008	020713R-10	1803.8	[M+H] <sup>+</sup>	902.1	[M+2H] <sup>2+</sup>	601.8	[M+3H] <sup>3+</sup>	1802.91	2144.91	pass	87.8	50.0	Y	
9	21467_009	H-VWGRDNNLSLEAGAD-OH	HIV-1 Consensus B Pol_009	020713R-14	1591.2	[M+H] <sup>+</sup>	796.1	[M+2H] <sup>2+</sup>	-	-	1590.62	1818.62	pass	89.5	50.0	Y	
10	21467_010	H-DNNLSLEAGADROGT-OH	HIV-1 Consensus B Pol_010	020713R-06	1536.6	[M+H] <sup>+</sup>	767.9	[M+2H] <sup>2+</sup>	512.3	[M+3H] <sup>3+</sup>	1534.51	1762.51	pass	88.5	50.0	Y	
11	21467_011	H-LSEAGADROGTVSFS-OH	HIV-1 Consensus B Pol_011	020713R-04	1524.7	[M+H] <sup>+</sup>	763.0	[M+2H] <sup>2+</sup>	-	-	1524.61	1752.61	pass	95.7	50.0	Y	
12	21467_012	H-GADROGTVSFSFPQI-OH	HIV-1 Consensus B Pol_012	020713R-08	1609.7	[M+H] <sup>+</sup>	806.0	[M+2H] <sup>2+</sup>	537.5	[M+3H] <sup>3+</sup>	1609.77	1837.77	pass	81.9	50.0	Y	
13	21467_013	H-OGTVSFSFPQITLWQ-OH	HIV-1 Consensus B Pol_013	020713R-23	1739.8	[M+H] <sup>+</sup>	870.1	[M+2H] <sup>2+</sup>	580.5	[M+3H] <sup>3+</sup>	1738.96	1852.96	pass	82.7	50.0	Y	
14	21467_014	H-SFSFPQITLWQRLPV-OH	HIV-1 Consensus B Pol_014	020713R-21	1818.9	[M+H] <sup>+</sup>	910.2	[M+2H] <sup>2+</sup>	607.2	[M+3H] <sup>3+</sup>	1819.15	2047.15	pass	92.8	50.0	Y	
15	21467_015	H-EQITLWQRLPVTKIKI-OH	HIV-1 Consensus B Pol_015	020713R-25	1806.0	[M+H] <sup>+</sup>	903.7	[M+2H] <sup>2+</sup>	603.0	[M+3H] <sup>3+</sup>	1806.22	2148.22	pass	94.4	50.0	Y	
16	21467_016	H-LWQRLPVTKIKGQL-OH	HIV-1 Consensus B Pol_016	020713R-18	1721.9	[M+H] <sup>+</sup>	862.1	[M+2H] <sup>2+</sup>	575.1	[M+3H] <sup>3+</sup>	1722.10	2064.10	pass	94.0	50.0	Y	2)
17	21467_017	H-PLVTKIKGQKLEAL-OH	HIV-1 Consensus B Pol_017	020713R-16	1580.9	[M+H] <sup>+</sup>	790.6	[M+2H] <sup>2+</sup>	527.5	[M+3H] <sup>3+</sup>	1579.93	1921.93	pass	90.6	50.0	Y	
18	21467_018	H-IKIGQKLEALLDTG-OH	HIV-1 Consensus B Pol_018	040713V-24	1556.8	[M+H] <sup>+</sup>	778.5	[M+2H] <sup>2+</sup>	519.6	[M+3H] <sup>3+</sup>	1555.82	1897.82	pass	87.9	50.0	Y	
19	21467_019	H-GQKLEALLDTGADDT-OH	HIV-1 Consensus B Pol_019	040713V-26	1547.7	[M+H] <sup>+</sup>	774.0	[M+2H] <sup>2+</sup>	-	-	1546.64	1774.64	pass	91.3	50.0	Y	
20	21467_020	H-EALLDTGADDTVLEE-OH	HIV-1 Consensus B Pol_020	040713V-28	1590.7	[M+H] <sup>+</sup>	796.0	[M+2H] <sup>2+</sup>	-	-	1590.64	1704.64	pass	82.2	50.0	Y	
21	21467_021	H-DTGADDTVLEEMNLP-OH	HIV-1 Consensus B Pol_021	040713V-30	1620.6	[M+H] <sup>+</sup>	810.5	[M+2H] <sup>2+</sup>	-	-	1619.70	1733.70	pass	93.0	50.0	Y	2)
22	21467_022	H-DDTVLEEMNLPGRWK-OH	HIV-1 Consensus B Pol_022	040713V-32	1804.8	[M+H] <sup>+</sup>	902.1	[M+2H] <sup>2+</sup>	601.8	[M+3H] <sup>3+</sup>	1803.00	2145.00	pass	92.2	50.0	Y	
23	21467_023	H-LEEMNLPGRWKPKMI-OH	HIV-1 Consensus B Pol_023	040713V-34	1843.9	[M+H] <sup>+</sup>	921.6	[M+2H] <sup>2+</sup>	615.0	[M+3H] <sup>3+</sup>	1842.23	2298.23	pass	93.6	50.0	Y	
24	21467_024	H-NLPGRWKPKMIGGIG-OH	HIV-1 Consensus B Pol_024	040713V-36	1624.8	[M+H] <sup>+</sup>	812.6	[M+2H] <sup>2+</sup>	542.2	[M+3H] <sup>3+</sup>	1623.97	2079.97	pass	93.5	50.0	Y	
25	21467_025	H-RWKPKMIGGIGGFIK-OH	HIV-1 Consensus B Pol_025	040713V-38	1689.9	[M+H] <sup>+</sup>	845.0	[M+2H] <sup>2+</sup>	563.5	[M+3H] <sup>3+</sup>	1688.10	2258.10	pass	93.7	50.0	Y	
26	21467_026	H-KMIGGIGGIVKRVQY-OH	HIV-1 Consensus B Pol_026	040713V-40	1667.9	[M+H] <sup>+</sup>	834.1	[M+2H] <sup>2+</sup>	556.5	[M+3H] <sup>3+</sup>	1667.04	2123.04	pass	91.0	50.0	Y	
27	21467_027	H-GIGGIVKRVQYDQIL-OH	HIV-1 Consensus B Pol_027	040713V-42	1708.3	[M+H] <sup>+</sup>	854.2	[M+2H] <sup>2+</sup>	-	-	1707.01	2049.01	pass	95.4	50.0	Y	
28	21467_028	H-FlKRVQYDQILIEIC-OH	HIV-1 Consensus B Pol_028	040713V-44	1882.2	[M+H] <sup>+</sup>	941.8	[M+2H] <sup>2+</sup>	1881.09	[M+H] <sup>+</sup>	1881.27	2223.27	pass	approx. 80	50.0	Y	1)
29	21467_029	H-RYDQILIEICGHKA-OH	HIV-1 Consensus B Pol_029	040713V-46	1786.9	[M+H] <sup>+</sup>	894.1	[M+2H] <sup>2+</sup>	596.5	[M+3H] <sup>3+</sup>	1787.07	2243.07	pass	94.8	50.0	Y	
30	21467_030	H-QILIEICGHKAIGTV-OH	HIV-1 Consensus B Pol_030	040713V-48	1595.8	[M+H] <sup>+</sup>	798.0	[M+2H] <sup>2+</sup>	532.5	[M+3H] <sup>3+</sup>	1594.92	1936.92	pass	89.4	50.0	Y	
31	21467_031	H-EICGHKAIGTVLVGP-OH	HIV-1 Consensus B Pol_031	090713R-17	1494.7	[M+H] <sup>+</sup>	747.5	[M+2H] <sup>2+</sup>	498.7	[M+3H] <sup>3+</sup>	1493.77	1835.77	pass	88.1	50.0	Y	
32	21467_032	H-HKAIGTVLVGTPVNV-OH	HIV-1 Consensus B Pol_032	090713R-19	1504.2	[M+H] <sup>+</sup>	752.2	[M+2H] <sup>2+</sup>	-	-	1502.76	1844.76	pass	84.6	50.0	Y	2)
33	21467_033	H-GTVLVGTPVNVNIGR-OH	HIV-1 Consensus B Pol_033	090713R-21	1493.8	[M+H] <sup>+</sup>	747.0	[M+2H] <sup>2+</sup>	498.5	[M+3H] <sup>3+</sup>	1492.77	1720.77	pass	86.7	50.0	Y	
34	21467_034	H-VGTPVNVNIGRNLTL-OH	HIV-1 Consensus B Pol_034	090713R-23	1564.3	[M+H] <sup>+</sup>	782.7	[M+2H] <sup>2+</sup>	-	-	1563.85	1791.85	pass	89.7	50.0	Y	
35	21467_035	H-FVNIIGRNLTLQIGC-OH	HIV-1 Consensus B Pol_035	090713R-25	1612.8	[M+H] <sup>+</sup>	806.1	[M+2H] <sup>2+</sup>	537.7	[M+3H] <sup>3+</sup>	1610.93	1838.93	pass	89.7	50.0	Y	
36	21467_036	H-IGRNLTLQIGCTLNF-OH	HIV-1 Consensus B Pol_036	090713R-27	1663.4	[M+H] <sup>+</sup>	831.4	[M+2H] <sup>2+</sup>	-	-	1662.96	1890.96	pass	80.7	50.0	Y	3)
37	21467_037	H-LTLQIGCTLNFPIPS-OH	HIV-1 Consensus B Pol_037	090713R-29	1617.8	[M+H] <sup>+</sup>	809.5	[M+2H] <sup>2+</sup>	539.8	[M+3H] <sup>3+</sup>	1616.94	1730.94	pass	95.9	50.0	Y	
38	21467_038	H-IGCTLNFPIPSIETV-OH	HIV-1 Consensus B Pol_038	090713R-31	1604.9	[M+H] <sup>+</sup>	802.5	[M+2H] <sup>2+</sup>	-	-	1603.89	1717.89	pass	90.6	50.0	Y	
39	21467_039	H-LNFPISPIETVPVKL-OH	HIV-1 Consensus B Pol_039	090713R-33	1668.3	[M+H] <sup>+</sup>	834.2	[M+2H] <sup>2+</sup>	-	-	1667.02	1895.02	pass	84.0	50.0	Y	
40	21467_040	H-ISPIETVPVKLKPQM-OH	HIV-1 Consensus B Pol_040	090713R-35	1609.4	[M+H] <sup>+</sup>	805.2	[M+2H] <sup>2+</sup>	537.3	[M+3H] <sup>3+</sup>	1608.99	1950.99	pass	93.9	50.0	Y	
41	21467_041	H-ETVPVKLKPQMGDGR-OH	HIV-1 Consensus B Pol_041	090713R-37	1596.3	[M+H] <sup>+</sup>	798.7	[M+2H] <sup>2+</sup>	532.9	[M+3H] <sup>3+</sup>	1595.90	2051.90	pass	90.7	50.0	Y	
42	21467_042	H-VRLKPDGPRVQKQW-OH	HIV-1 Consensus B Pol_042	090713R-39	1712.9	[M+H] <sup>+</sup>	856.1	[M+2H] <sup>2+</sup>	571.3	[M+3H] <sup>3+</sup>	1711.08	2281.08	pass	89.4	50.0	Y	
43	21467_043	H-PDGDGPRVQKQWPLTE-OH	HIV-1 Consensus B Pol_043	090713R-41	1684.8	[M+H] <sup>+</sup>	842.5	[M+2H] <sup>2+</sup>	561.8	[M+3H] <sup>3+</sup>	1682.94	2024.94	pass	93.2	50.0	Y	
44	21467_044	H-GPKVQWPLTEEKIK-OH	HIV-1 Consensus B Pol_044	090713R-43	1782.8	[M+H] <sup>+</sup>	891.6	[M+2H] <sup>2+</sup>	594.6	[M+3H] <sup>3+</sup>	1781.10	2351.10	pass	89.2	50.0	Y	
45	21467_045	H-KQWPLTEEKIKALVE-OH	HIV-1 Consensus B Pol_045	090713R-45	1812.0	[M+H] <sup>+</sup>	907.1	[M+2H] <sup>2+</sup>	604.9	[M+3H] <sup>3+</sup>	1812.11	2268.11	pass	96.4	50.0	Y	
46	21467_046	H-LTEEKIKALVEICTE-OH	HIV-1 Consensus B Pol_046	090713R-47	1720.1	[M+H] <sup>+</sup>	860.2	[M+2H] <sup>2+</sup>	-	-	1718.99	2060.99	pass	87.0	50.0	Y	
47	21467_047	H-KIKALVEICTEMEKE-OH	HIV-1 Consensus B Pol_047	120713Z-05	1764.3	[M+H] <sup>+</sup>	882.7	[M+2H] <sup>2+</sup>	589.0	[M+3H] <sup>3+</sup>	1764.09	2220.09	pass	93.2	50.0	Y	
48	21467_048	H-LVEICTEMEKEKISKI-OH	HIV-1 Consensus B Pol_048	120713Z-07	1710.7	[M+H] <sup>+</sup>	855.0	[M+2H] <sup>2+</sup>	570.4	[M+3H] <sup>3+</sup>	1708.97	2050.97	pass	87.2	50.0	Y	
49	21467_049	H-CTEMEKEKISKIGP-OH	HIV-1 Consensus B Pol_049	120713Z-09	1650.8	[M+H] <sup>+</sup>	825.5	[M+2H] <sup>2+</sup>	550.8	[M+3H] <sup>3+</sup>	1649.91	2105.91	pass	92.4	50.0	Y	
50	21467_050	H-EKEKISKIGPENFPY-OH	HIV-1 Consensus B Pol_050	120713Z-11	1690.8	[M+H] <sup>+</sup>	845.0	[M+2H] <sup>2+</sup>	563.8	[M+3H] <sup>3+</sup>	1688.88	2144.88	pass	97.9	50.0	Y	
51	21467_051	H-KISKIGPENFPYNTPV-OH	HIV-1 Consensus B Pol_051	120713Z-13	1657.2	[M+H] <sup>+</sup>	829.2	[M+2H] <sup>2+</sup>	-	-	1656.89	1998.89	pass	90.0	50.0	Y	2)

NIH-AIDS Reagent Program

Index	JPT-#	Sequence	Peptide Name	Batch#	MW (1) detected [g/mol]	MW (1) label	MW (2) detected [g/mol]	MW (2) label	MW (3) detected [g/mol]	MW (3) label	Theor. MW [g/mol]	Theor. MW+TFA [g/mol]	Exp. MW vs. Theor. MW	Purity [%]	Amount [mg]	Purified	Comment
52	21467_052	H-IGPENPYNTPVFAIK-OH	HIV-1 Consensus B Pol_052	120713Z-15	1661.1	[M+H] <sup>+</sup>	831.0	[M+2H] <sup>2+</sup>	-	-	1659.90	1887.90	pass	90.8	50.0	Y	
53	21467_053	H-NFYNTPEVFAIKKKDS-OH	HIV-1 Consensus B Pol_053	120713Z-17	1723.1	[M+H] <sup>+</sup>	861.6	[M+2H] <sup>2+</sup>	574.9	[M+3H] <sup>3+</sup>	1721.97	2177.97	pass	92.0	50.0	Y	
54	21467_054	H-TPVFAIKKKDSTKWR-OH	HIV-1 Consensus B Pol_054	120713Z-19	1805.0	[M+H] <sup>+</sup>	903.1	[M+2H] <sup>2+</sup>	602.6	[M+3H] <sup>3+</sup>	1805.14	2489.14	pass	90.4	50.0	Y	
55	21467_055	H-AIKKKDSTKWRKLV-DH	HIV-1 Consensus B Pol_055	120713Z-21	-	-	909.1	[M+2H] <sup>2+</sup>	606.2	[M+3H] <sup>3+</sup>	1816.16	2614.16	pass	91.5	50.0	Y	
56	21467_056	H-KDSTKWRKLVDFREL-OH	HIV-1 Consensus B Pol_056	120713Z-23	-	-	961.7	[M+2H] <sup>2+</sup>	641.2	[M+3H] <sup>3+</sup>	1921.22	2605.22	pass	91.7	50.0	Y	
57	21467_057	H-KWRKLVDFRELNKR-OH	HIV-1 Consensus B Pol_057	120713Z-25	-	-	995.6	[M+2H] <sup>2+</sup>	663.9	[M+3H] <sup>3+</sup>	1989.34	2787.34	pass	98.6	50.0	Y	
58	21467_058	H-LVDFRELNKRQDFW-OH	HIV-1 Consensus B Pol_058	120713Z-27	-	-	984.2	[M+2H] <sup>2+</sup>	656.7	[M+3H] <sup>3+</sup>	1967.21	2423.21	pass	84.2	50.0	Y	
59	21467_059	H-RELNKRQDFWEVQL-OH	HIV-1 Consensus B Pol_059	120713Z-29	-	-	982.0	[M+2H] <sup>2+</sup>	655.0	[M+3H] <sup>3+</sup>	1962.18	2418.18	pass	91.2	50.0	Y	
60	21467_060	H-KRQDFWEVQLGIPH-OH	HIV-1 Consensus B Pol_060	120713Z-31	1853.8	[M+H] <sup>+</sup>	928.0	[M+2H] <sup>2+</sup>	619.0	[M+3H] <sup>3+</sup>	1854.09	2310.09	pass	94.6	50.0	Y	
61	21467_061	H-DFWEVQLGIPHPAGL-OH	HIV-1 Consensus B Pol_061	120713Z-33	1679.8	[M+H] <sup>+</sup>	840.0	[M+2H] <sup>2+</sup>	560.5	[M+3H] <sup>3+</sup>	1678.91	1906.91	pass	92.8	50.0	Y	
62	21467_062	H-VQLGIPHPAGLKKKK-OH	HIV-1 Consensus B Pol_062	120713Z-35	1614.3	[M+H] <sup>+</sup>	807.7	[M+2H] <sup>2+</sup>	538.8	[M+3H] <sup>3+</sup>	1614.00	2298.00	pass	92.2	50.0	Y	
63	21467_063	H-IPHPAGLKKKSVTV-OH	HIV-1 Consensus B Pol_063	120713F-01	1603.9	[M+H] <sup>+</sup>	802.6	[M+2H] <sup>2+</sup>	535.2	[M+3H] <sup>3+</sup>	1602.97	2286.97	pass	90.6	50.0	Y	
64	21467_064	H-AGLKKKSVTVLVDVG-OH	HIV-1 Consensus B Pol_064	120713F-03	1542.9	[M+H] <sup>+</sup>	772.1	[M+2H] <sup>2+</sup>	515.1	[M+3H] <sup>3+</sup>	1542.86	2112.86	pass	93.0	50.0	Y	
65	21467_065	H-KKSVTVLVDVGDAYF-OH	HIV-1 Consensus B Pol_065	120713F-05	1669.9	[M+H] <sup>+</sup>	836.0	[M+2H] <sup>2+</sup>	557.5	[M+3H] <sup>3+</sup>	1669.93	2125.93	pass	88.2	50.0	Y	
66	21467_066	H-VTVLVDVGDAYFSVPL-OH	HIV-1 Consensus B Pol_066	120713F-07	1595.8	[M+H] <sup>+</sup>	798.0	[M+2H] <sup>2+</sup>	-	-	1594.83	1708.83	pass	81.4	50.0	Y	
67	21467_067	H-DVGDVYFSVPLDKDF-OH	HIV-1 Consensus B Pol_067	120713F-09	1688.8	[M+H] <sup>+</sup>	844.5	[M+2H] <sup>2+</sup>	583.5	[M+3H] <sup>3+</sup>	1687.84	1915.84	pass	86.7	50.0	Y	
68	21467_068	H-AYFSVPLDKDFRKYT-OH	HIV-1 Consensus B Pol_068	120713F-11	-	-	925.7	[M+2H] <sup>2+</sup>	617.6	[M+3H] <sup>3+</sup>	1850.12	2306.12	pass	93.5	50.0	Y	
69	21467_069	H-VPLDKDFRKYTAFTL-OH	HIV-1 Consensus B Pol_069	120713F-13	1813.9	[M+H] <sup>+</sup>	907.6	[M+2H] <sup>2+</sup>	605.5	[M+3H] <sup>3+</sup>	1814.12	2270.12	pass	90.3	50.0	Y	
70	21467_070	H-KDFRKYTAFTLPSIN-OH	HIV-1 Consensus B Pol_070	120713F-15	1802.9	[M+H] <sup>+</sup>	901.1	[M+2H] <sup>2+</sup>	601.2	[M+3H] <sup>3+</sup>	1801.08	2257.08	pass	88.0	50.0	Y	
71	21467_071	H-KYTAFTLPSINNETP-OH	HIV-1 Consensus B Pol_071	120713F-17	1697.8	[M+H] <sup>+</sup>	848.5	[M+2H] <sup>2+</sup>	566.2	[M+3H] <sup>3+</sup>	1695.88	1923.88	pass	93.8	50.0	Y	2)
72	21467_072	H-FTLPSINNETPGRIRY-OH	HIV-1 Consensus B Pol_072	120713F-19	1721.8	[M+H] <sup>+</sup>	861.5	[M+2H] <sup>2+</sup>	574.8	[M+3H] <sup>3+</sup>	1721.93	1949.93	pass	91.8	50.0	Y	2)
73	21467_073	H-SINNETPGRIRYQYV-OH	HIV-1 Consensus B Pol_073	120713F-21	1769.1	[M+H] <sup>+</sup>	885.1	[M+2H] <sup>2+</sup>	-	-	1767.91	1995.91	pass	96.2	50.0	Y	2)
74	21467_074	H-ETPGRIRYQYVLPQV-OH	HIV-1 Consensus B Pol_074	120713F-23	1736.8	[M+H] <sup>+</sup>	868.5	[M+2H] <sup>2+</sup>	579.0	[M+3H] <sup>3+</sup>	1734.93	1962.93	pass	86.8	50.0	Y	
75	21467_075	H-IRYQYVLPQVQWKG-OH	HIV-1 Consensus B Pol_075	120713F-25	1808.8	[M+H] <sup>+</sup>	905.1	[M+2H] <sup>2+</sup>	604.0	[M+3H] <sup>3+</sup>	1809.06	2151.06	pass	93.5	50.0	Y	
76	21467_076	H-YVLPQVQWKGSPAI-F-OH	HIV-1 Consensus B Pol_076	120713F-27	1676.8	[M+H] <sup>+</sup>	839.0	[M+2H] <sup>2+</sup>	559.7	[M+3H] <sup>3+</sup>	1676.94	1904.94	pass	93.1	50.0	Y	
77	21467_077	H-PQVQWKGSPALFQSSM-OH	HIV-1 Consensus B Pol_077	120713F-29	1622.7	[M+H] <sup>+</sup>	811.0	[M+2H] <sup>2+</sup>	-	-	1620.85	1848.85	pass	91.7	50.0	Y	
78	21467_078	H-KGSPALFQSSMTKIL-OH	HIV-1 Consensus B Pol_078	120713F-31	1608.8	[M+H] <sup>+</sup>	804.5	[M+2H] <sup>2+</sup>	536.8	[M+3H] <sup>3+</sup>	1607.93	1949.93	pass	87.7	50.0	Y	
79	21467_079	H-AIFQSSMTKILLEFR-OH	HIV-1 Consensus B Pol_079	120713F-33	1767.9	[M+H] <sup>+</sup>	885.0	[M+2H] <sup>2+</sup>	590.2	[M+3H] <sup>3+</sup>	1768.11	2110.11	pass	92.2	50.0	Y	
80	21467_080	H-SSMTKILLEFRKCNP-OH	HIV-1 Consensus B Pol_080	120713F-35	1777.2	[M+H] <sup>+</sup>	888.7	[M+2H] <sup>2+</sup>	592.9	[M+3H] <sup>3+</sup>	1776.08	2232.08	pass	90.9	50.0	Y	
81	21467_081	H-KLEFRKCNPDIIV-OH	HIV-1 Consensus B Pol_081	120713F-37	1811.9	[M+H] <sup>+</sup>	905.7	[M+2H] <sup>2+</sup>	604.2	[M+3H] <sup>3+</sup>	1810.17	2266.17	pass	94.7	50.0	Y	
82	21467_082	H-PFRKCNPDIIVQYV-OH	HIV-1 Consensus B Pol_082	120713F-39	1913.8	[M+H] <sup>+</sup>	957.0	[M+2H] <sup>2+</sup>	638.2	[M+3H] <sup>3+</sup>	1912.25	2254.25	pass	95.2	50.0	Y	
83	21467_083	H-QNPDIIVQYVMDL-OH	HIV-1 Consensus B Pol_083	120713F-41	1891.2	[M+H] <sup>+</sup>	945.7	[M+2H] <sup>2+</sup>	-	-	1890.11	2004.11	pass	88.4	50.0	Y	
84	21467_084	H-IVQYVMDLYVGS-DH	HIV-1 Consensus B Pol_084	120713F-43	1793.8	[M+H] <sup>+</sup>	898.0	[M+2H] <sup>2+</sup>	-	-	1794.02	1908.02	pass	84.6	50.0	Y	
85	21467_085	H-QYVMDLYVGSLEIG-OH	HIV-1 Consensus B Pol_085	120713F-45	1718.7	[M+H] <sup>+</sup>	859.5	[M+2H] <sup>2+</sup>	-	-	1717.87	1831.87	pass	86.6	50.0	Y	
86	21467_086	H-DLYVGSLEIGQHRT-OH	HIV-1 Consensus B Pol_086	120713F-47	1704.7	[M+H] <sup>+</sup>	852.1	[M+2H] <sup>2+</sup>	568.5	[M+3H] <sup>3+</sup>	1702.84	2044.84	pass	89.2	50.0	Y	
87	21467_087	H-GSDLEIGQHRTKIEE-OH	HIV-1 Consensus B Pol_087	160713F-12	1711.9	[M+H] <sup>+</sup>	856.5	[M+2H] <sup>2+</sup>	571.4	[M+3H] <sup>3+</sup>	1711.83	2167.83	pass	93.4	50.0	Y	
88	21467_088	H-EIGQHRTKIEELRQH-OH	HIV-1 Consensus B Pol_088	160713F-14	-	-	938.1	[M+2H] <sup>2+</sup>	625.5	[M+3H] <sup>3+</sup>	1874.07	2558.07	pass	89.2	50.0	Y	
89	21467_089	H-HRTKIEELRQHLRW-OH	HIV-1 Consensus B Pol_089	160713F-16	-	-	1008.6	[M+2H] <sup>2+</sup>	672.6	[M+3H] <sup>3+</sup>	2015.34	2813.34	pass	88.5	50.0	Y	
90	21467_090	H-IEELRQHLRWGTT-OH	HIV-1 Consensus B Pol_090	160713F-18	1898.9	[M+H] <sup>+</sup>	950.2	[M+2H] <sup>2+</sup>	633.9	[M+3H] <sup>3+</sup>	1899.17	2355.17	pass	91.9	50.0	Y	
91	21467_091	H-RQHLRWGTTPDKK-OH	HIV-1 Consensus B Pol_091	160713F-20	1883.8	[M+H] <sup>+</sup>	942.2	[M+2H] <sup>2+</sup>	628.5	[M+3H] <sup>3+</sup>	1883.18	2567.18	pass	81.9	50.0	Y	
92	21467_092	H-LRWGTTPDKKHQKE-OH	HIV-1 Consensus B Pol_092	160713F-22	-	-	936.2	[M+2H] <sup>2+</sup>	624.5	[M+3H] <sup>3+</sup>	1871.11	2555.11	pass	84.8	50.0	Y	
93	21467_093	H-FTPDKKHQKEPPL-OH	HIV-1 Consensus B Pol_093	160713F-24	1812.9	[M+H] <sup>+</sup>	907.1	[M+2H] <sup>2+</sup>	605.2	[M+3H] <sup>3+</sup>	1813.08	2383.08	pass	95.9	50.0	Y	2)
94	21467_094	H-DKKHQKEPPLRMGY-OH	HIV-1 Consensus B Pol_094	160713F-26	1905.6	[M+H] <sup>+</sup>	953.0	[M+2H] <sup>2+</sup>	635.5	[M+3H] <sup>3+</sup>	1904.21	2474.21	pass	90.8	50.0	Y	
95	21467_095	H-QKEPPLRMGYELHP-OH	HIV-1 Consensus B Pol_095	160713F-28	1874.1	[M+H] <sup>+</sup>	937.0	[M+2H] <sup>2+</sup>	625.0	[M+3H] <sup>3+</sup>	1872.17	2214.17	pass	87.0	50.0	Y	
96	21467_096	H-PPLRMGYELHPDKWT-OH	HIV-1 Consensus B Pol_096	160713F-30	1921.2	[M+H] <sup>+</sup>	960.7	[M+2H] <sup>2+</sup>	641.0	[M+3H] <sup>3+</sup>	1920.21	2262.21	pass	90.6	50.0	Y	
97	21467_097	H-MGYELHPDKWTQVPI-OH	HIV-1 Consensus B Pol_097	160713F-32	1813.8	[M+H] <sup>+</sup>	907.6	[M+2H] <sup>2+</sup>	605.5	[M+3H] <sup>3+</sup>	1814.08	2156.08	pass	96.8	50.0	Y	
98	21467_098	H-LHPDKWTQVPIVLP-OH	HIV-1 Consensus B Pol_098	160713F-34	1772.8	[M+H] <sup>+</sup>	886.6	[M+2H] <sup>2+</sup>	591.5	[M+3H] <sup>3+</sup>	1772.07	2114.07	pass	92.6	50.0	Y	
99	21467_099	H-KWTQVPIVLPKDSW-OH	HIV-1 Consensus B Pol_099	160713F-36	1827.8	[M+H] <sup>+</sup>	913.7	[M+2H] <sup>2+</sup>	609.5	[M+3H] <sup>3+</sup>	1826.11	2168.11	pass	87.4	50.0	Y	
100	21467_100	H-QVILPEKDSWTVND-OH	HIV-1 Consensus B Pol_100	160713F-38	1742.7	[M+H] <sup>+</sup>	871.1	[M+2H] <sup>2+</sup>	581.1	[M+3H] <sup>3+</sup>	1740.92	1968.92	pass	91.7	50.0	Y	
101	21467_101	H-LPEKDSWTVNDIQKL-OH	HIV-1 Consensus B Pol_101	160713F-40	1787.8	[M+H] <sup>+</sup>	893.6	[M+2H] <sup>2+</sup>	596.2	[M+3H] <sup>3+</sup>	1786.00	2128.00	pass	95.4	50.0	Y	
102	21467_102	H-DSWTVNDIQKLVGKL-OH	HIV-1 Consensus B Pol_102	160713F-42	1717.8	[M+H] <sup>+</sup>	858.6	[M+2H] <sup>2+</sup>	572.8	[M+3H] <sup>3+</sup>	1715.95	2057.95	pass	89.8	50.0	Y	



Index	JPT-#	Sequence	Peptide Name	Batch#	MW (1) detected [g/mol]	MW (1) label	MW (2) detected [g/mol]	MW (2) label	MW (3) detected [g/mol]	MW (3) label	Theor. MW (average) [g/mol]	Theor. MW+TFA [g/mol]	Exp. MW vs. Theor. MW	Purity [%]	Amount [mg]	Purified	Comment
103	21467_103	H-VNDIQKLVGKLNWAS-OH	HIV-1 Consensus B Pol_103	160713F-44	1686.7	[M+H] <sup>+</sup>	843.1	[M+2H] <sup>2+</sup>	562.4	[M+3H] <sup>3+</sup>	1684.94	2026.94	pass	95.4	50.0	Y	
104	21467_104	H-QKLVGKLNWASQIYA-OH	HIV-1 Consensus B Pol_104	160713F-46	1720.9	[M+H] <sup>+</sup>	860.2	[M+2H] <sup>2+</sup>	573.6	[M+3H] <sup>3+</sup>	1719.01	2061.01	pass	94.5	50.0	Y	
105	21467_105	H-GKLNWASQIYAGIKV-OH	HIV-1 Consensus B Pol_105	160713F-48	1648.3	[M+H] <sup>+</sup>	824.7	[M+2H] <sup>2+</sup>	-	-	1647.93	1989.93	pass	85.4	50.0	Y	
106	21467_106	H-WASQIYAGIKVQKLC-OH	HIV-1 Consensus B Pol_106	170713Z-07	1709.2	[M+H] <sup>+</sup>	854.7	[M+2H] <sup>2+</sup>	570.8	[M+3H] <sup>3+</sup>	1708.05	2050.05	pass	81.7	50.0	Y	3)
107	21467_107	H-IYAGIKVQKLCIKLR-OH	HIV-1 Consensus B Pol_107	170713Z-09	1746.0	[M+H] <sup>+</sup>	874.1	[M+2H] <sup>2+</sup>	582.9	[M+3H] <sup>3+</sup>	1746.23	2316.23	pass	84.2	50.0	Y	
108	21467_108	H-IRKVLQKLCIKLRGTR-OH	HIV-1 Consensus B Pol_108	170713Z-11	1701.0	[M+H] <sup>+</sup>	850.2	[M+2H] <sup>2+</sup>	567.2	[M+3H] <sup>3+</sup>	1699.16	2383.16	pass	92.0	50.0	Y	
109	21467_109	H-QLCKLIRGKTKALTEV-OH	HIV-1 Consensus B Pol_109	170713Z-13	1674.9	[M+H] <sup>+</sup>	837.1	[M+2H] <sup>2+</sup>	558.5	[M+3H] <sup>3+</sup>	1673.03	2129.03	pass	88.8	50.0	Y	
110	21467_110	H-LLRGTKALTEVILPT-OH	HIV-1 Consensus B Pol_110	170713Z-15	1626.9	[M+H] <sup>+</sup>	813.1	[M+2H] <sup>2+</sup>	542.5	[M+3H] <sup>3+</sup>	1624.97	1966.97	pass	90.6	50.0	Y	
111	21467_111	H-TKALTEVILPTTEEA-OH	HIV-1 Consensus B Pol_111	170713Z-17	1644.3	[M+H] <sup>+</sup>	822.7	[M+2H] <sup>2+</sup>	-	-	1643.82	1871.82	pass	87.4	50.0	Y	
112	21467_112	H-TEVILPTTEEALELA-OH	HIV-1 Consensus B Pol_112	170713Z-19	1657.8	[M+H] <sup>+</sup>	829.0	[M+2H] <sup>2+</sup>	-	-	1656.82	1770.82	pass	92.9	50.0	Y	
113	21467_113	H-PLTEEALELAENRE-OH	HIV-1 Consensus B Pol_113	170713Z-21	1743.2	[M+H] <sup>+</sup>	872.1	[M+2H] <sup>2+</sup>	-	-	1742.83	1970.83	pass	95.4	50.0	Y	
114	21467_114	H-EALELAENREILKE-OH	HIV-1 Consensus B Pol_114	170713Z-23	1787.1	[M+H] <sup>+</sup>	893.7	[M+2H] <sup>2+</sup>	596.4	[M+3H] <sup>3+</sup>	1785.94	2127.94	pass	90.6	50.0	Y	
115	21467_115	H-ELAENREILKEPVHG-OH	HIV-1 Consensus B Pol_115	170713Z-25	1736.1	[M+H] <sup>+</sup>	867.7	[M+2H] <sup>2+</sup>	578.8	[M+3H] <sup>3+</sup>	1733.92	2189.92	pass	94.8	50.0	Y	
116	21467_116	H-NREILKEPVHGVYD-OH	HIV-1 Consensus B Pol_116	170713Z-27	1834.1	[M+H] <sup>+</sup>	916.7	[M+2H] <sup>2+</sup>	611.6	[M+3H] <sup>3+</sup>	1832.04	2288.04	pass	85.4	50.0	Y	
117	21467_117	H-LKEPVHGVYDPSKD-OH	HIV-1 Consensus B Pol_117	170713Z-29	1746.8	[M+H] <sup>+</sup>	874.1	[M+2H] <sup>2+</sup>	583.1	[M+3H] <sup>3+</sup>	1746.94	2202.94	pass	88.3	50.0	Y	
118	21467_118	H-VHGVYDPSKDLIAE-OH	HIV-1 Consensus B Pol_118	170713Z-31	1706.2	[M+H] <sup>+</sup>	853.6	[M+2H] <sup>2+</sup>	-	-	1705.89	2047.89	pass	86.7	50.0	Y	
119	21467_119	H-YDPSKDLIAEIQKQ-OH	HIV-1 Consensus B Pol_119	170713Z-33	1813.1	[M+H] <sup>+</sup>	906.2	[M+2H] <sup>2+</sup>	604.8	[M+3H] <sup>3+</sup>	1811.03	2153.03	pass	81.6	50.0	Y	
120	21467_120	H-SKDLIAEIQKQGQGO-OH	HIV-1 Consensus B Pol_120	170713Z-35	1644.1	[M+H] <sup>+</sup>	822.2	[M+2H] <sup>2+</sup>	-	-	1642.82	1984.82	pass	90.2	50.0	Y	
121	21467_121	H-IAEIQKQGQGWYQO-OH	HIV-1 Consensus B Pol_121	170713Z-37	1778.8	[M+H] <sup>+</sup>	889.6	[M+2H] <sup>2+</sup>	593.5	[M+3H] <sup>3+</sup>	1777.94	2005.94	pass	86.3	50.0	Y	
122	21467_122	H-QKQGQGWYQIYQE-OH	HIV-1 Consensus B Pol_122	170713Z-39	1886.5	[M+H] <sup>+</sup>	943.1	[M+2H] <sup>2+</sup>	629.4	[M+3H] <sup>3+</sup>	1885.01	2113.01	pass	89.1	50.0	Y	
123	21467_123	H-QGQWYQIYQEPFKN-OH	HIV-1 Consensus B Pol_123	170713Z-41	1930.8	[M+H] <sup>+</sup>	966.0	[M+2H] <sup>2+</sup>	644.5	[M+3H] <sup>3+</sup>	1930.10	2158.10	pass	93.2	50.0	Y	
124	21467_124	H-TYQIYQEPFKNLKIG-OH	HIV-1 Consensus B Pol_124	170713Z-43	1831.8	[M+H] <sup>+</sup>	916.0	[M+2H] <sup>2+</sup>	610.9	[M+3H] <sup>3+</sup>	1830.06	2172.06	pass	83.3	50.0	Y	
125	21467_125	H-YQEPFKNLKIGYAR-OH	HIV-1 Consensus B Pol_125	170713Z-45	1843.9	[M+H] <sup>+</sup>	922.2	[M+2H] <sup>2+</sup>	615.2	[M+3H] <sup>3+</sup>	1843.11	2143.11	pass	90.6	50.0	Y	
126	21467_126	H-FKNLTKGKYARMRGA-OH	HIV-1 Consensus B Pol_126	170713Z-47	1741.9	[M+H] <sup>+</sup>	871.5	[M+2H] <sup>2+</sup>	581.2	[M+3H] <sup>3+</sup>	1741.08	2425.08	pass	97.4	50.0	Y	
127	21467_127	H-KTGKYARMRGAHTND-OH	HIV-1 Consensus B Pol_127	180713V-02	-	-	853.5	[M+2H] <sup>2+</sup>	569.5	[M+3H] <sup>3+</sup>	1705.90	2389.90	pass	93.1	50.0	Y	
128	21467_128	H-YARMRGAHTNDVQQL-OH	HIV-1 Consensus B Pol_128	180713V-04	1760.8	[M+H] <sup>+</sup>	880.5	[M+2H] <sup>2+</sup>	587.5	[M+3H] <sup>3+</sup>	1760.00	2330.00	pass	86.9	50.0	Y	
129	21467_129	H-RGAHTNDVQQLTEAV-OH	HIV-1 Consensus B Pol_129	180713V-06	1640.7	[M+H] <sup>+</sup>	820.0	[M+2H] <sup>2+</sup>	547.1	[M+3H] <sup>3+</sup>	1638.78	2094.78	pass	93.0	50.0	Y	
130	21467_130	H-TNDVQQLTEAVQKIA-OH	HIV-1 Consensus B Pol_130	180713V-08	1659.7	[M+H] <sup>+</sup>	829.5	[M+2H] <sup>2+</sup>	553.5	[M+3H] <sup>3+</sup>	1657.86	1999.86	pass	91.2	50.0	Y	
131	21467_131	H-KOLTEAVQKILATESI-OH	HIV-1 Consensus B Pol_131	180713V-10	1660.8	[M+H] <sup>+</sup>	830.1	[M+2H] <sup>2+</sup>	553.8	[M+3H] <sup>3+</sup>	1658.89	2000.89	pass	89.5	50.0	Y	
132	21467_132	H-EAVQKILATESIVIWG-OH	HIV-1 Consensus B Pol_132	180713V-12	1645.1	[M+H] <sup>+</sup>	822.7	[M+2H] <sup>2+</sup>	-	-	1643.88	1871.88	pass	83.3	50.0	Y	
133	21467_133	H-KILATESIVIWGTPFK-OH	HIV-1 Consensus B Pol_133	180713V-14	1671.3	[M+H] <sup>+</sup>	836.2	[M+2H] <sup>2+</sup>	557.9	[M+3H] <sup>3+</sup>	1670.99	2126.99	pass	84.5	50.0	Y	
134	21467_134	H-ESIVIWGTPFKLPL-OH	HIV-1 Consensus B Pol_134	180713V-16	1744.3	[M+H] <sup>+</sup>	872.2	[M+2H] <sup>2+</sup>	582.0	[M+3H] <sup>3+</sup>	1743.11	2199.11	pass	88.5	50.0	Y	
135	21467_135	H-IWGTTPFKLPLQKOE-OH	HIV-1 Consensus B Pol_135	180713V-18	1814.9	[M+H] <sup>+</sup>	907.6	[M+2H] <sup>2+</sup>	605.3	[M+3H] <sup>3+</sup>	1813.20	2383.20	pass	86.3	50.0	Y	
136	21467_136	H-TPKFKLPLQKTEWA-OH	HIV-1 Consensus B Pol_136	180713V-20	1817.8	[M+H] <sup>+</sup>	908.7	[M+2H] <sup>2+</sup>	606.2	[M+3H] <sup>3+</sup>	1816.11	2272.11	pass	90.2	50.0	Y	
137	21467_137	H-KLPIQKTEWAWTE-OH	HIV-1 Consensus B Pol_137	180713V-22	1944.9	[M+H] <sup>+</sup>	973.2	[M+2H] <sup>2+</sup>	649.3	[M+3H] <sup>3+</sup>	1945.17	2287.17	pass	89.0	50.0	Y	
138	21467_138	H-QKTEWAWTEYWAQ-OH	HIV-1 Consensus B Pol_138	180713V-24	-	-	1022.2	[M+2H] <sup>2+</sup>	-	-	2042.16	2270.16	pass	86.2	50.0	Y	
139	21467_139	H-WEAWTEYWAQWIP-OH	HIV-1 Consensus B Pol_139	180713V-26	2052.9	[M+H] <sup>+</sup>	1027.6	[M+2H] <sup>2+</sup>	685.4	[M+3H] <sup>3+</sup>	2053.24	2167.24	pass	81.6	50.0	Y	
140	21467_140	H-WTEYWAQWIPREF-OH	HIV-1 Consensus B Pol_140	180713V-28	2073.1	[M+H] <sup>+</sup>	1037.1	[M+2H] <sup>2+</sup>	-	-	2072.24	2186.24	pass	87.7	50.0	Y	
141	21467_141	H-WQATWIPEREFVNT-OH	HIV-1 Consensus B Pol_141	180713V-30	1905.2	[M+H] <sup>+</sup>	953.1	[M+2H] <sup>2+</sup>	-	-	1904.09	2018.09	pass	84.8	50.0	Y	
142	21467_142	H-WIPEREFVNTPLVK-OH	HIV-1 Consensus B Pol_142	180713V-32	1855.5	[M+H] <sup>+</sup>	928.2	[M+2H] <sup>2+</sup>	-	-	1855.15	2083.15	pass	90.0	50.0	Y	
143	21467_143	H-WEFVNTPLVKLWYQ-OH	HIV-1 Consensus B Pol_143	180713V-34	1919.8	[M+H] <sup>+</sup>	960.7	[M+2H] <sup>2+</sup>	640.9	[M+3H] <sup>3+</sup>	1920.23	2148.23	pass	95.3	50.0	Y	
144	21467_144	H-NTPPLVKLWYQLEKE-OH	HIV-1 Consensus B Pol_144	180713V-36	1857.9	[M+H] <sup>+</sup>	929.7	[M+2H] <sup>2+</sup>	620.2	[M+3H] <sup>3+</sup>	1858.15	2200.15	pass	91.7	50.0	Y	
145	21467_145	H-LVKLWYQLEKEPIVG-OH	HIV-1 Consensus B Pol_145	180713V-38	1814.9	[M+H] <sup>+</sup>	908.2	[M+2H] <sup>2+</sup>	605.9	[M+3H] <sup>3+</sup>	1815.17	2157.17	pass	87.9	50.0	Y	
146	21467_146	H-WYQLEKEPIVGAETF-OH	HIV-1 Consensus B Pol_146	180713V-40	1809.8	[M+H] <sup>+</sup>	905.6	[M+2H] <sup>2+</sup>	604.2	[M+3H] <sup>3+</sup>	1810.02	2038.02	pass	92.5	50.0	Y	
147	21467_147	H-EKEPIVGAETFYVDG-OH	HIV-1 Consensus B Pol_147	180713V-42	1654.7	[M+H] <sup>+</sup>	827.5	[M+2H] <sup>2+</sup>	-	-	1653.79	1861.79	pass	95.9	50.0	Y	
148	21467_148	H-IVGAETFYVDGAANR-OH	HIV-1 Consensus B Pol_148	180713V-44	1583.7	[M+H] <sup>+</sup>	792.0	[M+2H] <sup>2+</sup>	528.4	[M+3H] <sup>3+</sup>	1582.73	1810.73	pass	86.4	50.0	Y	
149	21467_149	H-EFVYVDGAANRETKL-OH	HIV-1 Consensus B Pol_149	180713V-46	1715.7	[M+H] <sup>+</sup>	857.5	[M+2H] <sup>2+</sup>	572.1	[M+3H] <sup>3+</sup>	1713.85	2055.85	pass	97.0	50.0	Y	
150	21467_150	H-VDGAANRETKLKGAG-OH	HIV-1 Consensus B Pol_150	180713V-48	1487.2	[M+H] <sup>+</sup>	744.0	[M+2H] <sup>2+</sup>	496.5	[M+3H] <sup>3+</sup>	1486.63	1942.63	pass	84.9	50.0	Y	
151	21467_151	H-ANRETKLKGAGYVTD-OH	HIV-1 Consensus B Pol_151	230713V-31	1623.9	[M+H] <sup>+</sup>	812.0	[M+2H] <sup>2+</sup>	541.7	[M+3H] <sup>3+</sup>	1622.78	2078.78	pass	90.1	50.0	Y	
152	21467_152	H-TKLGAGYVTDGRQ-OH	HIV-1 Consensus B Pol_152	230713V-47	1650.8	[M+H] <sup>+</sup>	825.6	[M+2H] <sup>2+</sup>	550.8	[M+3H] <sup>3+</sup>	1649.86	2219.86	pass	93.6	50.0	Y	
153	21467_153	H-KAGYVTDGRQKVVVS-OH	HIV-1 Consensus B Pol_153	230713V-45	1663.9	[M+H] <sup>+</sup>	832.5	[M+2H] <sup>2+</sup>	555.5	[M+3H] <sup>3+</sup>	1663.89	2233.89	pass	95.9	50.0	Y	



NIH-AIDS Reagent Program

Index	JPT-#	Sequence	Peptide Name	Batch#	MW (1) detected [a/mol]	MW (1) label	MW (2) detected [a/mol]	MW (2) label	MW (3) detected [a/mol]	MW (3) label	Theor. MW (average) [a/mol]	Theor. MW+TFA [a/mol]	Exp. MW vs. Theor. MW	Purity [%]	Amount [mg]	Purified	Comment
154	21467_154	H-VTRGRQKRVVSLTDT-OH	HIV-1 Consensus B Pol_154	230713V-40	1674.9	[M+H] <sup>+</sup>	1674.9	[M+2H] <sup>2+</sup>	559.1	[M+3H] <sup>3+</sup>	1674.86	2130.86	pass	88.4	50.0	Y	
155	21467_155	H-GRQKVVSLDDTTNPK-OH	HIV-1 Consensus B Pol_155	230713V-38	1677.1	[M+H] <sup>+</sup>	1677.1	[M+2H] <sup>2+</sup>	559.2	[M+3H] <sup>3+</sup>	1674.85	2130.85	pass	85.2	50.0	Y	
156	21467_156	H-VVSLDDTTNQRTELO-OH	HIV-1 Consensus B Pol_156	230713V-44	1677.3	[M+H] <sup>+</sup>	1677.3	[M+2H] <sup>2+</sup>	-	-	1676.81	1904.81	pass	91.9	50.0	Y	
157	21467_157	H-TDTTNRKTEQLQHL-OH	HIV-1 Consensus B Pol_157	230713V-42	1715.1	[M+H] <sup>+</sup>	1715.1	[M+2H] <sup>2+</sup>	571.7	[M+3H] <sup>3+</sup>	1712.85	2054.85	pass	94.8	50.0	Y	
158	21467_158	H-NQRTEQLQHLALQD-OH	HIV-1 Consensus B Pol_158	230713V-09	1723.2	[M+H] <sup>+</sup>	1723.2	[M+2H] <sup>2+</sup>	-	-	1721.92	2063.92	pass	89.4	50.0	Y	
159	21467_159	H-ELQAIHLALQDSGLE-OH	HIV-1 Consensus B Pol_159	230713V-13	1637.7	[M+H] <sup>+</sup>	1637.7	[M+2H] <sup>2+</sup>	546.5	[M+3H] <sup>3+</sup>	1636.82	1864.82	pass	95.2	50.0	Y	
160	21467_160	H-IHLALQDSGLEVNIV-OH	HIV-1 Consensus B Pol_160	230713V-11	1621.8	[M+H] <sup>+</sup>	1621.8	[M+2H] <sup>2+</sup>	-	-	1620.86	1848.86	pass	85.8	50.0	Y	
161	21467_161	H-LQDSGLEVNIVTDSQ-OH	HIV-1 Consensus B Pol_161	230713V-03	1617.8	[M+H] <sup>+</sup>	1617.8	[M+2H] <sup>2+</sup>	-	-	1617.72	1731.72	pass	89.7	50.0	Y	
162	21467_162	H-GLEVNIVTDSQYALG-OH	HIV-1 Consensus B Pol_162	230713V-01	1579.7	[M+H] <sup>+</sup>	1579.7	[M+2H] <sup>2+</sup>	1578.10	[M+H] <sup>+</sup>	1578.73	1692.73	pass	approx. 80	50.0	Y	1)
163	21467_163	H-NIVTDSQYALGIQA-OH	HIV-1 Consensus B Pol_163	230713V-05	1605.8	[M+H] <sup>+</sup>	1605.8	[M+2H] <sup>2+</sup>	-	-	1605.81	1719.81	pass	83.1	50.0	Y	
164	21467_164	H-DSQYALGIQAQPKR-OH	HIV-1 Consensus B Pol_164	230713V-23	1647.7	[M+H] <sup>+</sup>	1647.7	[M+2H] <sup>2+</sup>	824.0	[M+3H] <sup>3+</sup>	1646.83	1874.83	pass	95.2	50.0	Y	
165	21467_165	H-ALGIQAQPKRSESE-OH	HIV-1 Consensus B Pol_165	230713V-21	1586.8	[M+H] <sup>+</sup>	1586.8	[M+2H] <sup>2+</sup>	529.4	[M+3H] <sup>3+</sup>	1585.73	1813.73	pass	93.2	50.0	Y	
166	21467_166	H-IQAQPKRSESELVSO-OH	HIV-1 Consensus B Pol_166	230713V-25	1659.3	[M+H] <sup>+</sup>	1659.3	[M+2H] <sup>2+</sup>	-	-	1658.78	1886.78	pass	83.5	50.0	Y	
167	21467_167	H-PDKSESELVSIIEQ-OH	HIV-1 Consensus B Pol_167	230713V-20	1702.7	[M+H] <sup>+</sup>	1702.7	[M+2H] <sup>2+</sup>	568.1	[M+3H] <sup>3+</sup>	1701.84	1929.84	pass	94.4	50.0	Y	
168	21467_168	H-ESELVSIIEQLIKK-OH	HIV-1 Consensus B Pol_168	230713V-15	1758.9	[M+H] <sup>+</sup>	1758.9	[M+2H] <sup>2+</sup>	586.5	[M+3H] <sup>3+</sup>	1757.04	2099.04	pass	86.9	50.0	Y	
169	21467_169	H-VSQIIEQLIKKRVY-OH	HIV-1 Consensus B Pol_169	230713V-19	1819.3	[M+H] <sup>+</sup>	1819.3	[M+2H] <sup>2+</sup>	909.8	[M+3H] <sup>3+</sup>	1818.17	2274.17	pass	92.1	50.0	Y	
170	21467_170	H-IEQLIKKRVYLVAV-OH	HIV-1 Consensus B Pol_170	230713V-17	1861.3	[M+H] <sup>+</sup>	1861.3	[M+2H] <sup>2+</sup>	621.1	[M+3H] <sup>3+</sup>	1860.25	2316.25	pass	84.9	50.0	Y	
171	21467_171	H-IEQLIKKRVYLVAVPAHK-OH	HIV-1 Consensus B Pol_171	230713F-25	1809.9	[M+H] <sup>+</sup>	1809.9	[M+2H] <sup>2+</sup>	906.1	[M+3H] <sup>3+</sup>	1810.20	2494.20	pass	95.6	50.0	Y	
172	21467_172	H-KVYLVAVPAHKGIIGG-OH	HIV-1 Consensus B Pol_172	230713F-20	1596.8	[M+H] <sup>+</sup>	1596.8	[M+2H] <sup>2+</sup>	532.8	[M+3H] <sup>3+</sup>	1595.90	2051.90	pass	93.5	50.0	Y	
173	21467_173	H-AWVPAHKGIIGNEQV-OH	HIV-1 Consensus B Pol_173	230713F-24	1563.7	[M+H] <sup>+</sup>	1563.7	[M+2H] <sup>2+</sup>	521.8	[M+3H] <sup>3+</sup>	1562.73	1904.73	pass	95.0	50.0	Y	
174	21467_174	H-AHKGIIGNEQVDRKV-OH	HIV-1 Consensus B Pol_174	230713F-22	1564.8	[M+H] <sup>+</sup>	1564.8	[M+2H] <sup>2+</sup>	522.5	[M+3H] <sup>3+</sup>	1564.74	2020.74	pass	95.7	50.0	Y	
175	21467_175	H-IGNEQVDRKLVASAGI-OH	HIV-1 Consensus B Pol_175	230713F-34	1500.7	[M+H] <sup>+</sup>	1500.7	[M+2H] <sup>2+</sup>	500.8	[M+3H] <sup>3+</sup>	1499.67	1727.67	pass	89.1	50.0	Y	
176	21467_176	H-EQVDRKLVASAGIRKV-OH	HIV-1 Consensus B Pol_176	230713F-38	1656.1	[M+H] <sup>+</sup>	1656.1	[M+2H] <sup>2+</sup>	522.5	[M+3H] <sup>3+</sup>	1654.96	2110.96	pass	88.7	50.0	Y	
177	21467_177	H-KLVASAGIRKVLFLDGG-OH	HIV-1 Consensus B Pol_177	230713F-36	1616.4	[M+H] <sup>+</sup>	1616.4	[M+2H] <sup>2+</sup>	539.6	[M+3H] <sup>3+</sup>	1615.98	2071.98	pass	90.0	50.0	Y	
178	21467_178	H-AGIRKVLFLDGDKA-OH	HIV-1 Consensus B Pol_178	230713F-28	1617.8	[M+H] <sup>+</sup>	1617.8	[M+2H] <sup>2+</sup>	539.5	[M+3H] <sup>3+</sup>	1615.94	2071.94	pass	90.3	50.0	Y	
179	21467_179	H-KVLFLDGDKAEQEEH-OH	HIV-1 Consensus B Pol_179	230713F-32	1741.9	[M+H] <sup>+</sup>	1741.9	[M+2H] <sup>2+</sup>	872.0	[M+3H] <sup>3+</sup>	1741.95	2197.95	pass	94.4	50.0	Y	
180	21467_180	H-LDGDKAEQEEHKEYH-OH	HIV-1 Consensus B Pol_180	230713F-30	-	-	906.6	[M+2H] <sup>2+</sup>	604.8	[M+3H] <sup>3+</sup>	1811.91	2381.91	pass	92.1	50.0	Y	
181	21467_181	H-DKAEQEEHKEYHSNWR-OH	HIV-1 Consensus B Pol_181	230713F-10	-	-	979.5	[M+2H] <sup>2+</sup>	653.2	[M+3H] <sup>3+</sup>	1957.03	2641.03	pass	95.5	50.0	Y	
182	21467_182	H-EHEKEYHSNWRAMAS-OH	HIV-1 Consensus B Pol_182	230713F-14	-	-	938.0	[M+2H] <sup>2+</sup>	625.8	[M+3H] <sup>3+</sup>	1874.99	2444.99	pass	85.1	50.0	Y	
183	21467_183	H-KYHSNWRAMASDFNL-OH	HIV-1 Consensus B Pol_183	230713F-12	1841.8	[M+H] <sup>+</sup>	1841.8	[M+2H] <sup>2+</sup>	614.1	[M+3H] <sup>3+</sup>	1840.05	2296.05	pass	93.0	50.0	Y	
184	21467_184	H-NWRAMASDFNLPPVV-OH	HIV-1 Consensus B Pol_184	230713F-04	1717.8	[M+H] <sup>+</sup>	1717.8	[M+2H] <sup>2+</sup>	859.5	[M+3H] <sup>3+</sup>	1716.98	1944.98	pass	90.2	50.0	Y	2)
185	21467_185	H-MASDFNLPPVVAKEI-OH	HIV-1 Consensus B Pol_185	230713F-08	1631.8	[M+H] <sup>+</sup>	1631.8	[M+2H] <sup>2+</sup>	544.5	[M+3H] <sup>3+</sup>	1630.92	1858.92	pass	89.8	50.0	Y	
186	21467_186	H-FNLPPVVAKEIVASCV-OH	HIV-1 Consensus B Pol_186	230713F-06	1587.4	[M+H] <sup>+</sup>	1587.4	[M+2H] <sup>2+</sup>	529.4	[M+3H] <sup>3+</sup>	1586.91	1814.91	pass	90.6	50.0	Y	
187	21467_187	H-FVVAKEIVASCDKCCQ-OH	HIV-1 Consensus B Pol_187	230713F-16	1590.7	[M+H] <sup>+</sup>	1590.7	[M+2H] <sup>2+</sup>	530.8	[M+3H] <sup>3+</sup>	1589.88	1931.88	pass	89.4	50.0	Y	
188	21467_188	H-KEIVASCDKRCOLKGE-OH	HIV-1 Consensus B Pol_188	230713F-18	1651.8	[M+H] <sup>+</sup>	1651.8	[M+2H] <sup>2+</sup>	551.1	[M+3H] <sup>3+</sup>	1650.91	2106.91	pass	93.9	50.0	Y	
189	21467_189	H-ASCDKRCOLKGEAMHG-OH	HIV-1 Consensus B Pol_189	240713Y-17	1579.6	[M+H] <sup>+</sup>	1579.6	[M+2H] <sup>2+</sup>	526.7	[M+3H] <sup>3+</sup>	1577.80	2033.80	pass	84.6	50.0	Y	
190	21467_190	H-KCOLKGEAMHGQVDC-OH	HIV-1 Consensus B Pol_190	240713Y-19	1648.8	[M+H] <sup>+</sup>	1648.8	[M+2H] <sup>2+</sup>	549.8	[M+3H] <sup>3+</sup>	1646.90	2102.90	pass	88.7	50.0	Y	
191	21467_191	H-KGEAMHGQVDCSPGL-OH	HIV-1 Consensus B Pol_191	240713Y-13	1529.6	[M+H] <sup>+</sup>	1529.6	[M+2H] <sup>2+</sup>	510.3	[M+3H] <sup>3+</sup>	1528.71	1870.71	pass	92.4	50.0	Y	
192	21467_192	H-MHGQVDCSPGIWOLD-OH	HIV-1 Consensus B Pol_192	240713Y-15	1685.7	[M+H] <sup>+</sup>	1685.7	[M+2H] <sup>2+</sup>	562.7	[M+3H] <sup>3+</sup>	1685.89	1913.89	pass	92.9	50.0	Y	
193	21467_193	H-VDCSPGIWOLDCTHL-OH	HIV-1 Consensus B Pol_193	240713Y-26	1685.2	[M+H] <sup>+</sup>	1685.2	[M+2H] <sup>2+</sup>	562.8	[M+3H] <sup>3+</sup>	1686.92	1914.92	pass	85.1	50.0	Y	
194	21467_194	H-FGIWOLDCTHLEKGI-OH	HIV-1 Consensus B Pol_194	240713Y-27	1710.8	[M+H] <sup>+</sup>	1710.8	[M+2H] <sup>2+</sup>	570.8	[M+3H] <sup>3+</sup>	1709.97	2051.97	pass	88.4	50.0	Y	
195	21467_195	H-QLDCTHLEKGIILVA-OH	HIV-1 Consensus B Pol_195	240713Y-23	1653.8	[M+H] <sup>+</sup>	1653.8	[M+2H] <sup>2+</sup>	551.7	[M+3H] <sup>3+</sup>	1652.96	1994.96	pass	95.7	50.0	Y	
196	21467_196	H-THLEKGIILVAVHVA-OH	HIV-1 Consensus B Pol_196	240713Y-21	1600.8	[M+H] <sup>+</sup>	1600.8	[M+2H] <sup>2+</sup>	534.1	[M+3H] <sup>3+</sup>	1599.92	2055.92	pass	91.9	50.0	Y	
197	21467_197	H-GKILVAVHVASGYI-OH	HIV-1 Consensus B Pol_197	240713Y-09	1540.8	[M+H] <sup>+</sup>	1540.8	[M+2H] <sup>2+</sup>	514.1	[M+3H] <sup>3+</sup>	1539.88	1881.88	pass	89.5	50.0	Y	
198	21467_198	H-LVAVHVASGYIEAEV-OH	HIV-1 Consensus B Pol_198	240713Y-11	1557.8	[M+H] <sup>+</sup>	1557.8	[M+2H] <sup>2+</sup>	519.8	[M+3H] <sup>3+</sup>	1556.77	1784.77	pass	87.8	50.0	Y	
199	21467_199	H-HVASGYIEAEVIPAEO-OH	HIV-1 Consensus B Pol_199	240713Y-05	1585.7	[M+H] <sup>+</sup>	1585.7	[M+2H] <sup>2+</sup>	529.1	[M+3H] <sup>3+</sup>	1584.74	1812.74	pass	86.6	50.0	Y	
200	21467_200	H-GYIEAEVIPAETGQEO-OH	HIV-1 Consensus B Pol_200	240713Y-07	1606.7	[M+H] <sup>+</sup>	1606.7	[M+2H] <sup>2+</sup>	536.0	[M+3H] <sup>3+</sup>	1605.70	1719.70	pass	81.6	50.0	Y	
201	21467_201	H-AEVIIPAETGQETAYF-OH	HIV-1 Consensus B Pol_201	290713F-36	1626.7	[M+H] <sup>+</sup>	1626.7	[M+2H] <sup>2+</sup>	-	-	1625.74	1739.74	pass	90.0	50.0	Y	
202	21467_202	H-PAETGQETAYFLKLO-OH	HIV-1 Consensus B Pol_202	290713F-38	1681.3	[M+H] <sup>+</sup>	1681.3	[M+2H] <sup>2+</sup>	-	-	1680.91	1908.91	pass	94.5	50.0	Y	
203	21467_203	H-GQETAYFLKLAGRW-OH	HIV-1 Consensus B Pol_203	290713F-34	1754.8	[M+H] <sup>+</sup>	1754.8	[M+2H] <sup>2+</sup>	585.1	[M+3H] <sup>3+</sup>	1753.03	2095.03	pass	96.6	50.0	Y	
204	21467_204	H-AYFLKLAGRWPKYF-OH	HIV-1 Consensus B Pol_204	290713F-30	1762.9	[M+H] <sup>+</sup>	1762.9	[M+2H] <sup>2+</sup>	588.5	[M+3H] <sup>3+</sup>	1763.16	2219.16	pass	95.9	50.0	Y	

NIH-AIDS Reagent Program

Index	JPT-#	Sequence	Peptide Name	Batch#	MW (1) detected [g/mol]	MW (1) label	MW (2) detected [g/mol]	MW (2) label	MW (3) detected [g/mol]	MW (3) label	Theor. MW (average) [g/mol]	Theor. MW+TFA [g/mol]	Exp. MW vs. Theor. MW	Purity [%]	Amount [mg]	Purified	Comment
205	21467_205	H-LKLAGRPVKTIHTD-OH	HIV-1 Consensus B Pol_205	290713F-32	1736.8	[M+H] <sup>+</sup>	868.6	[M+2H] <sup>2+</sup>	579.2	[M+3H] <sup>3+</sup>	1735.05	2305.05	pass	84.8	50.0	Y	
206	21467_206	H-GRVPTKIHTDNGSI-OH	HIV-1 Consensus B Pol_206	290713F-46	1682.9	[M+H] <sup>+</sup>	841.5	[M+2H] <sup>2+</sup>	561.5	[M+3H] <sup>3+</sup>	1681.81	2137.81	pass	85.0	50.0	Y	
207	21467_207	H-VKTIHTDNGSNFTST-OH	HIV-1 Consensus B Pol_207	290713F-48	1623.7	[M+H] <sup>+</sup>	811.5	[M+2H] <sup>2+</sup>	541.5	[M+3H] <sup>3+</sup>	1621.70	1963.70	pass	86.7	50.0	Y	
208	21467_208	H-HTDNGSNFTSTVKA-OH	HIV-1 Consensus B Pol_208	290713F-44	1581.7	[M+H] <sup>+</sup>	790.5	[M+2H] <sup>2+</sup>	527.5	[M+3H] <sup>3+</sup>	1579.62	1921.62	pass	87.2	50.0	Y	
209	21467_209	H-GSNFTSTTVKACW-OH	HIV-1 Consensus B Pol_209	290713F-40	1659.2	[M+H] <sup>+</sup>	830.1	[M+2H] <sup>2+</sup>	-	-	1658.83	1896.83	pass	84.1	50.0	Y	
210	21467_210	H-TSTTVKACWAGIK-OH	HIV-1 Consensus B Pol_210	290713F-42	1624.0	[M+H] <sup>+</sup>	812.0	[M+2H] <sup>2+</sup>	-	-	1622.88	1964.88	pass	82.4	50.0	Y	
211	21467_211	H-VKACWAGIKQEFQ-OH	HIV-1 Consensus B Pol_211	290713F-09	1694.2	[M+H] <sup>+</sup>	847.6	[M+2H] <sup>2+</sup>	-	-	1693.97	2035.97	pass	82.9	50.0	Y	
212	21467_212	H-CWVAGIKQEFPIYNN-OH	HIV-1 Consensus B Pol_212	290713F-11	1813.1	[M+H] <sup>+</sup>	906.7	[M+2H] <sup>2+</sup>	-	-	1812.07	2040.07	pass	89.2	50.0	Y	
213	21467_213	H-GIKQEFPIYNNPQSO-OH	HIV-1 Consensus B Pol_213	290713F-13	1706.2	[M+H] <sup>+</sup>	853.6	[M+2H] <sup>2+</sup>	-	-	1705.89	1933.89	pass	93.8	50.0	Y	
214	21467_214	H-EFGIPIYNNPQSGVVE-OH	HIV-1 Consensus B Pol_214	290713F-03	1664.7	[M+H] <sup>+</sup>	832.5	[M+2H] <sup>2+</sup>	-	-	1663.80	1777.80	pass	91.7	50.0	Y	
215	21467_215	H-PYNNPQSGVVEVMNR-OH	HIV-1 Consensus B Pol_215	290713F-01	1679.7	[M+H] <sup>+</sup>	839.5	[M+2H] <sup>2+</sup>	560.2	[M+3H] <sup>3+</sup>	1677.84	1905.84	pass	95.1	50.0	Y	
216	21467_216	H-OSQGVVEVMNKLKR-OH	HIV-1 Consensus B Pol_216	290713F-07	1706.8	[M+H] <sup>+</sup>	853.5	[M+2H] <sup>2+</sup>	569.2	[M+3H] <sup>3+</sup>	1704.93	2160.93	pass	83.4	50.0	Y	
217	21467_217	H-VVVMNKLKLIIGQ-OH	HIV-1 Consensus B Pol_217	290713F-05	1717.9	[M+H] <sup>+</sup>	859.1	[M+2H] <sup>2+</sup>	572.8	[M+3H] <sup>3+</sup>	1716.04	2172.04	pass	94.7	50.0	Y	
218	21467_218	H-MNKLKLIIGVDRDQ-OH	HIV-1 Consensus B Pol_218	290713F-25	1801.2	[M+H] <sup>+</sup>	900.7	[M+2H] <sup>2+</sup>	601.0	[M+3H] <sup>3+</sup>	1800.13	2370.13	pass	96.0	50.0	Y	
219	21467_219	H-LKKIIGVDRDQAEHL-OH	HIV-1 Consensus B Pol_219	290713F-23	1749.2	[M+H] <sup>+</sup>	875.2	[M+2H] <sup>2+</sup>	583.6	[M+3H] <sup>3+</sup>	1748.05	2318.05	pass	84.2	50.0	Y	
220	21467_220	H-IGVDRDQAEHLKFAV-OH	HIV-1 Consensus B Pol_220	290713F-29	1666.7	[M+H] <sup>+</sup>	833.5	[M+2H] <sup>2+</sup>	555.8	[M+3H] <sup>3+</sup>	1664.87	2120.87	pass	90.4	50.0	Y	
221	21467_221	H-RDQAEHLKFAVQMAV-OH	HIV-1 Consensus B Pol_221	290713F-27	1696.9	[M+H] <sup>+</sup>	849.0	[M+2H] <sup>2+</sup>	566.6	[M+3H] <sup>3+</sup>	1696.93	2152.93	pass	83.4	50.0	Y	
222	21467_222	H-EHLKFAVQMAVFHN-OH	HIV-1 Consensus B Pol_222	290713F-17	1739.2	[M+H] <sup>+</sup>	869.8	[M+2H] <sup>2+</sup>	580.4	[M+3H] <sup>3+</sup>	1738.02	2194.02	pass	81.2	50.0	Y	
223	21467_223	H-TAVQMAVFHNFRKK-OH	HIV-1 Consensus B Pol_223	290713F-19	1789.9	[M+H] <sup>+</sup>	896.1	[M+2H] <sup>2+</sup>	597.5	[M+3H] <sup>3+</sup>	1790.15	2360.15	pass	97.4	50.0	Y	
224	21467_224	H-MAVFIHNFRKRGIG-OH	HIV-1 Consensus B Pol_224	290713F-21	1674.8	[M+H] <sup>+</sup>	838.5	[M+2H] <sup>2+</sup>	559.2	[M+3H] <sup>3+</sup>	1675.02	2245.02	pass	84.8	50.0	Y	
225	21467_225	H-IHNFRKRGIGGYSV-OH	HIV-1 Consensus B Pol_225	290713V-11	1606.8	[M+H] <sup>+</sup>	803.0	[M+2H] <sup>2+</sup>	535.8	[M+3H] <sup>3+</sup>	1604.83	2174.83	pass	88.1	50.0	Y	
226	21467_226	H-KRKGIGGYSAGERI-OH	HIV-1 Consensus B Pol_226	290713V-13	1549.4	[M+H] <sup>+</sup>	775.1	[M+2H] <sup>2+</sup>	517.2	[M+3H] <sup>3+</sup>	1548.76	2118.76	pass	91.5	50.0	Y	
227	21467_227	H-GIGYSAGERIVDII-OH	HIV-1 Consensus B Pol_227	290713V-15	1520.3	[M+H] <sup>+</sup>	760.6	[M+2H] <sup>2+</sup>	-	-	1519.72	1747.72	pass	90.8	50.0	Y	
228	21467_228	H-YSAGERIVDIATDI-OH	HIV-1 Consensus B Pol_228	290713V-17	1636.8	[M+H] <sup>+</sup>	818.5	[M+2H] <sup>2+</sup>	546.2	[M+3H] <sup>3+</sup>	1635.84	1863.84	pass	91.6	50.0	Y	
229	21467_229	H-ERIVDIATDIQTKE-OH	HIV-1 Consensus B Pol_229	290713V-19	1743.9	[M+H] <sup>+</sup>	872.6	[M+2H] <sup>2+</sup>	582.2	[M+3H] <sup>3+</sup>	1743.96	2085.96	pass	86.4	50.0	Y	
230	21467_230	H-DIATDIQTKELOKQ-OH	HIV-1 Consensus B Pol_230	290713V-21	1745.8	[M+H] <sup>+</sup>	872.6	[M+2H] <sup>2+</sup>	582.1	[M+3H] <sup>3+</sup>	1743.96	2085.96	pass	87.2	50.0	Y	
231	21467_231	H-TDIQTKELOKQITKI-OH	HIV-1 Consensus B Pol_231	290713V-23	1788.9	[M+H] <sup>+</sup>	894.2	[M+2H] <sup>2+</sup>	596.5	[M+3H] <sup>3+</sup>	1787.06	2243.06	pass	91.0	50.0	Y	
232	21467_232	H-TRELQKQITKIQNFR-OH	HIV-1 Consensus B Pol_232	290713V-25	1876.0	[M+H] <sup>+</sup>	938.2	[M+2H] <sup>2+</sup>	625.9	[M+3H] <sup>3+</sup>	1875.18	2445.18	pass	88.9	50.0	Y	
233	21467_233	H-QKQITKIQNFRVYR-OH	HIV-1 Consensus B Pol_233	290713V-27	1986.2	[M+H] <sup>+</sup>	993.2	[M+2H] <sup>2+</sup>	662.8	[M+3H] <sup>3+</sup>	1985.32	2555.32	pass	86.9	50.0	Y	
234	21467_234	H-TKIQNFRVYRDSRD-OH	HIV-1 Consensus B Pol_234	290713V-29	-	-	981.6	[M+2H] <sup>2+</sup>	654.5	[M+3H] <sup>3+</sup>	1961.18	2531.18	pass	92.3	50.0	Y	
235	21467_235	H-NFRVYRDSRDLWR-OH	HIV-1 Consensus B Pol_235	290713V-31	-	-	1008.6	[M+2H] <sup>2+</sup>	672.7	[M+3H] <sup>3+</sup>	2015.28	2585.28	pass	87.1	50.0	Y	
236	21467_236	H-YRDSRDLWRKGPAP-OH	HIV-1 Consensus B Pol_236	290713V-33	1852.3	[M+H] <sup>+</sup>	926.7	[M+2H] <sup>2+</sup>	618.3	[M+3H] <sup>3+</sup>	1852.10	2422.10	pass	95.9	50.0	Y	
237	21467_237	H-SRDLWRKGPAPKLLW-OH	HIV-1 Consensus B Pol_237	290713V-35	1794.9	[M+H] <sup>+</sup>	898.2	[M+2H] <sup>2+</sup>	599.3	[M+3H] <sup>3+</sup>	1795.16	2365.16	pass	91.2	50.0	Y	
238	21467_238	H-LWKGPAPKLLWKGGA-OH	HIV-1 Consensus B Pol_238	290713V-37	1653.9	[M+H] <sup>+</sup>	827.6	[M+2H] <sup>2+</sup>	552.2	[M+3H] <sup>3+</sup>	1653.97	2109.97	pass	91.0	50.0	Y	
239	21467_239	H-PAKLLWKGGAUVIO-OH	HIV-1 Consensus B Pol_239	290713V-39	1609.8	[M+H] <sup>+</sup>	805.1	[M+2H] <sup>2+</sup>	1607.60	[M+H] <sup>+</sup>	1608.93	1950.93	pass	approx. 80	50.0	Y	1)
240	21467_240	H-LWKGGAUVIQDNSD-OH	HIV-1 Consensus B Pol_240	290713V-41	1630.7	[M+H] <sup>+</sup>	816.0	[M+2H] <sup>2+</sup>	544.5	[M+3H] <sup>3+</sup>	1630.76	1858.76	pass	94.5	50.0	Y	
241	21467_241	H-EGAVVIQDNSDIKVV-OH	HIV-1 Consensus B Pol_241	310713Y-12	1586.8	[M+H] <sup>+</sup>	793.5	[M+2H] <sup>2+</sup>	-	-	1585.76	1813.76	pass	94.4	50.0	Y	
242	21467_242	H-VIQDNSDIKVVPRRK-OH	HIV-1 Consensus B Pol_242	310713Y-14	-	-	884.2	[M+2H] <sup>2+</sup>	589.9	[M+3H] <sup>3+</sup>	1767.06	2337.06	pass	90.6	50.0	Y	
243	21467_243	H-NSDIKVVPRRKAKI-OH	HIV-1 Consensus B Pol_243	310713Y-16	1737.1	[M+H] <sup>+</sup>	869.2	[M+2H] <sup>2+</sup>	579.8	[M+3H] <sup>3+</sup>	1737.12	2421.12	pass	83.6	50.0	Y	
244	21467_244	H-KVPRRKAKIIRDYG-OH	HIV-1 Consensus B Pol_244	310713Y-18	-	-	900.2	[M+2H] <sup>2+</sup>	600.6	[M+3H] <sup>3+</sup>	1799.20	2597.20	pass	96.2	50.0	Y	
245	21467_245	H-RRKAKIIRDYGRQMA-OH	HIV-1 Consensus B Pol_245	310713Y-20	-	-	917.7	[M+2H] <sup>2+</sup>	612.3	[M+3H] <sup>3+</sup>	1834.22	2632.22	pass	93.5	50.0	Y	
246	21467_246	H-KIIRDYGRQMAQDCC-OH	HIV-1 Consensus B Pol_246	310713Y-22	-	-	856.9	[M+2H] <sup>2+</sup>	571.9	[M+3H] <sup>3+</sup>	1712.96	2168.96	pass	81.0	50.0	Y	
247	21467_247	H-DYGRQMAQDCCVSR-OH	HIV-1 Consensus B Pol_247	310713Y-24	1616.6	[M+H] <sup>+</sup>	808.5	[M+2H] <sup>2+</sup>	539.4	[M+3H] <sup>3+</sup>	1615.76	1957.76	pass	93.8	50.0	Y	
248	21467_248	H-QMAGDCVSRQDEP-OH	HIV-1 Consensus B Pol_248	310713Y-26	1640.5	[M+H] <sup>+</sup>	820.4	[M+2H] <sup>2+</sup>	-	-	1639.69	1867.69	pass	89.9	50.0	Y	
249	21467_249	H-DDCVSRQDEP-OH	HIV-1 Consensus B Pol_249	310713Y-47	1252.4	[M+H] <sup>+</sup>	626.8	[M+2H] <sup>2+</sup>	-	-	1252.24	1480.24	pass	86.7	50.0	Y	

Comments:

- 1) estimated on ESI/MALDI
- 2) mixture of cis/trans isomers
- 3) dissolved in ACN/H2O