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## Sequence, Molecular Weight, Purity, and Peptide Content Data

HIV-1 Consensus B Gag peptides, obtained from LANL HIV databases, Gag 2004 consensus B sequence.

MGARASVLSGGELDRWEKIRLRPGGKKKYKLKHIVWASRELERFAVNPGLLETSEGCRQILGQLQPSLQTGSEELRSLYNTVATLYCVHQRIEVKDTKEALEKIEEEQNKSKKKAQQAAADTGNSSQVSQNYPIVQNLQGQMVHQAISPRTLNAWVKVVEEKAFSPEVIPMFSALSEGATPQDLNTMLNTVGGHQAAMQMLKETINEEAAEWDRLHPVHAGPIAPGQMREPRGSDIAGTTSTLQEQIGWMTNNPPIPVGEIYKRWIILGLNKIVRMYSPTSILDIRQGPKEPFRDYVDRFYKTLRAEQASQEVKNWMTETLLVQNANPDCKTILKALGPAATLEEMMTACQGVGGPGHKARVLAEAMSQVTNSATIMMQRGNFRNQRKTVKCFNCGKEGHIAKNCRAPRKKGCWKCGKEGHQMKDCTERQANFLGKIWPSHKGRPGNFLQSRPEPTAPPEESFRFGEETTTPSQKQEPIDKELYPLASLRSLFGNDPSSQ

For your convenience, if you wish to move this table to another program or file, select the entire table and copy it. The headers displayed on the other pages won’t be copied.

| **ARP Lot #** | **Sequence** | **Molecular Weight (g/mol)** | **Purity (%)** | **Peptide Content (%)** |
| --- | --- | --- | --- | --- |
| A3098-1 | MGARASVLSGGELDR | 1518.72 | >91% | 79.4% |
| A3098-2 | ASVLSGGELDRWEKI | 1659.87 | >92% | 80.8% |
| A3098-3 | SGGELDRWEKIRLRP | 1812.07 | >98% | 73.5% |
| A3098-4 | LDRWEKIRLRPGGKK | 1852.23 | >88% | 66.9% |
| A3098-5 | EKIRLRPGGKKKYKL | 1814.25 | >81% | 63.4% |
| A3098-6 | LRPGGKKKYKLKHIV | 1765.22 | >94% | 62.7% |
| A3098-7 | GKKKYKLKHIVWASR | 1842.27 | >97% | 63.7% |
| A3098-8 | YKLKHIVWASRELER | 1928.27 | >81% | 71.0% |
| A3098-9 | HIVWASRELERFAVN | 1827.09 | >85% | 77.7% |
| A3098-10 | ASRELERFAVNPGLL | 1671.93 | >89% | 81.0% |
| A3098-11 | LERFAVNPGLLETSE | 1674.88 | >97% | 86.5% |
| A3098-12 | AVNPGLLETSEGCRQ | 1573.76 | >88% | 85.8% |
| A3098-13 | GLLETSEGCRQILGQ | 1603.83 | >92% | 86.0% |
| A3098-14 | TSEGCRQILGQLQPS | 1616.82 | >93% | 86.1% |
| A3098-15 | CRQILGQLQPSLQTG | 1641.92 | >81% | 86.2% |
| A3098-16 | LGQLQPSLQTGSEEL | 1599.77 | >89% | 92.4% |
| A3098-17 | QPSLQTGSEELRSLY | 1707.86 | >85% | 86.7% |
| A3098-18 | QTGSEELRSLYNTVA | 1667.80 | >80% | 86.4% |
| A3098-19 | EELRSLYNTVATLYC | 1775.01 | >91% | 87.1% |
| A3098-20 | SLYNTVATLYCVHQR | 1768.02 | >88% | 81.8% |
| A3098-21 | TVATLYCVHQRIEVK | 1760.09 | >81% | 77.0% |
| A3098-22 | LYCVHQRIEVKDTKE | 1861.16 | >88% | 74.0% |
| A3098-23 | HQRIEVKDTKEALEK | 1824.08 | >96% | 69.9% |
| A3098-24 | EVKDTKEALEKIEEE | 1789.96 | >81% | 77.3% |
| A3098-25 | TKEALEKIEEEQNKS | 1775.94 | >81% | 77.2% |
| A3098-26 | LEKIEEEQNKSKKKA | 1802.07 | >80% | 69.6% |
| A3098-27 | EEEQNKSKKKAQQAA | 1716.88 | >95% | 72.4% |
| A3098-28 | NKSKKKAQQAAADTG | 1545.72 | >80% | 70.2% |
| A3098-29 | KKAQQAAADTGNSSQ | 1504.58 | >93% | 79.3% |
| A3098-30 | QAAADTGNSSQVSQN | 1477.47 | >80% | 91.8% |
| A3098-31 | DTGNSSQVSQNYPIV | 1608.68 | >95% | 92.5% |
| A3098-32 | SSQVSQNYPIVQNLQ | 1704.86 | >89% | 92.9% |
| A3098-33 | SQNYPIVQNLQGQMV | 1718.95 | >86% | 92.9% |
| A3098-34 | PIVQNLQGQMVHQAI | 1675.98 | >95% | 86.5% |
| A3098-35 | NLQGQMVHQAISPRT | 1679.93 | >89% | 81.0% |
| A3098-36 | QMVHQAISPRTLNAW | 1752.04 | >87% | 81.7% |
| A3098-37 | QAISPRTLNAWVKVV | 1682.01 | >93% | 81.0% |
| A3098-38 | PRTLNAWVKVVEEKA | 1740.04 | >93% | 76.9% |
| A3098-39 | NAWVKVVEEKAFSPE | 1732.96 | >85% | 81.5% |
| A3098-40 | KVVEEKAFSPEVIPM | 1703.04 | >93% | 81.2% |
| A3098-41 | EKAFSPEVIPMFSAL | 1665.98 | >93% | 86.4% |
| A3098-42 | SPEVIPMFSALSEGA | 1534.76 | >93% | 92.2% |
| A3098-43 | IPMFSALSEGATPQD | 1563.76 | >92% | 92.3% |
| A3098-44 | SALSEGATPQDLNTM | 1534.67 | >86% | 92.2% |
| A3098-45 | EGATPQDLNTMLNTV | 1603.78 | >87% | 92.4% |
| A3098-46 | PQDLNTMLNTVGGHQ | 1624.80 | >82% | 86.1% |
| A3098-47 | NTMLNTVGGHQAAMQ | 1572.79 | >85% | 85.7% |
| A3098-48 | NTVGGHQAAMQMLKE | 1614.87 | >84% | 80.5% |
| A3098-49 | GHQAAMQMLKETINE | 1700.97 | >83% | 81.2% |
| A3098-50 | AMQMLKETINEEAAE | 1707.95 | >84% | 86.7% |
| A3098-51 | LKETINEEAAEWDRL | 1817.00 | >80% | 82.2% |
| A3098-52 | INEEAAEWDRLHPVH | 1815.97 | >87% | 77.6% |
| A3098-53 | AAEWDRLHPVHAGPI | 1668.89 | >84% | 76.1% |
| A3098-54 | DRLHPVHAGPIAPGQ | 1564.78 | >88% | 74.9% |
| A3098-55 | PVHAGPIAPGQMREP | 1556.82 | >81% | 79.9% |
| A3098-56 | GPIAPGQMREPRGSD | 1567.75 | >83% | 79.9% |
| A3098-57 | PGQMREPRGSDIAGT | 1571.74 | >80% | 80.0% |
| A3098-58 | REPRGSDIAGTTSTL | 1560.69 | >84% | 79.9% |
| A3098-59 | GSDIAGTTSTLQEQI | 1520.62 | >85% | 92.1% |
| A3098-60 | AGTTSTLQEQIGWMT | 1623.81 | >85% | 92.5% |
| A3098-61 | STLQEQIGWMTNNPP | 1715.91 | >80% | 92.9% |
| A3098-62 | EQIGWMTNNPPIPVG | 1652.90 | >80% | 92.7% |
| A3098-63 | WMTNNPPIPVGEIYK | 1759.06 | >90% | 87.0% |
| A3098-64 | NPPIPVGEIYKRWII | 1795.16 | >80% | 82.0% |
| A3098-65 | PVGEIYKRWIILGLN | 1771.14 | >96% | 81.8% |
| A3098-66 | IYKRWIILGLNKIVR | 1885.38 | >93% | 74.2% |
| A3098-67 | WIILGLNKIVRMYSP | 1803.25 | >95% | 82.1% |
| A3098-68 | GLNKIVRMYSPTSIL | 1692.06 | >95% | 81.2% |
| A3098-69 | IVRMYSPTSILDIRQ | 1792.14 | >87% | 82.0% |
| A3098-70 | YSPTSILDIRQGPKE | 1703.92 | >88% | 81.2% |
| A3098-71 | SILDIRQGPKEPFRD | 1771.02 | >90% | 77.2% |
| A3098-72 | IRQGPKEPFRDYVDR | 1876.11 | >81% | 74.1% |
| A3098-73 | PKEPFRDYVDRFYKT | 1961.20 | >94% | 75.0% |
| A3098-74 | FRDYVDRFYKTLRAE | 1979.22 | >95% | 75.1% |
| A3098-75 | VDRFYKTLRAEQASQ | 1812.02 | >93% | 77.6% |
| A3098-76 | YKTLRAEQASQEVKN | 1764.96 | >93% | 77.1% |
| A3098-77 | RAEQASQEVKNWMTE | 1806.98 | >93% | 82.2% |
| A3098-78 | ASQEVKNWMTETLLV | 1749.03 | >82% | 87.0% |
| A3098-79 | VKNWMTETLLVQNAN | 1761.04 | >92% | 87.0% |
| A3098-80 | MTETLLVQNANPDCK | 1676.94 | >93% | 86.5% |
| A3098-81 | LLVQNANPDCKTILK | 1670.01 | >94% | 81.0% |
| A3098-82 | NANPDCKTILKALGP | 1554.84 | >97% | 79.8% |
| A3098-83 | DCKTILKALGPAATL | 1514.86 | >97% | 79.4% |
| A3098-84 | ILKALGPAATLEEMM | 1587.97 | >85% | 85.8% |
| A3098-85 | LGPAATLEEMMTACQ | 1565.86 | >95% | 92.3% |
| A3098-86 | ATLEEMMTACQGVGG | 1497.74 | >95% | 92.0% |
| A3098-87 | EMMTACQGVGGPGHK | 1502.77 | >84% | 79.2% |
| A3098-88 | ACQGVGGPGHKARVL | 1449.71 | >88% | 73.5% |
| A3098-89 | VGGPGHKARVLAEAM | 1492.77 | >86% | 74.0% |
| A3098-90 | GHKARVLAEAMSQVT | 1597.87 | >87% | 75.3% |
| A3098-91 | RVLAEAMSQVTNSAT | 1577.79 | >85% | 85.8% |
| A3098-92 | EAMSQVTNSATIMMQ | 1641.91 | >88% | 92.6% |
| A3098-93 | QVTNSATIMMQRGNF | 1697.96 | >89% | 86.7% |
| A3098-94 | SATIMMQRGNFRNQR | 1810.10 | >86% | 77.6% |
| A3098-95 | MMQRGNFRNQRKTVK | 1894.27 | >90% | 70.7% |
| A3098-96 | GNFRNQRKTVKCFNC | 1815.12 | >94% | 73.5% |
| A3098-97 | NQRKTVKCFNCGKEG | 1711.99 | >80% | 72.3% |
| A3098-98 | TVKCFNCGKEGHIAK | 1634.95 | >92% | 71.4% |
| A3098-99 | FNCGKEGHIAKNCRA | 1647.91 | >81% | 71.6% |
| A3098-100 | KEGHIAKNCRAPRKK | 1736.09 | >80% | 62.3% |
| A3098-101 | IAKNCRAPRKKGCWK | 1759.18 | >91% | 65.7% |
| A3098-102 | CRAPRKKGCWKCGKE | 1750.15 | >86% | 65.6% |
| A3098-103 | RKKGCWKCGKEGHQM | 1776.15 | >82% | 66.0% |
| A3098-104 | CWKCGKEGHQMKDCT | 1754.07 | >80% | 72.8% |
| A3098-105 | GKEGHQMKDCTERQA | 1717.91 | >81% | 72.4% |
| A3098-106 | HQMKDCTERQANFLG | 1778.01 | >82% | 77.2% |
| A3098-107 | DCTERQANFLGKIWP | 1778.03 | >98% | 81.9% |
| A3098-108 | RQANFLGKIWPSHKG | 1739.02 | >91% | 72.6% |
| A3098-109 | FLGKIWPSHKGRPGN | 1693.98 | >89% | 72.1% |
| A3098-110 | IWPSHKGRPGNFLQS | 1723.96 | >96% | 76.7% |
| A3098-111 | HKGRPGNFLQSRPEP | 1719.93 | >99% | 72.4% |
| A3098-112 | PGNFLQSRPEPTAPP | 1607.80 | >95% | 86.0% |
| A3098-113 | LQSRPEPTAPPEESF | 1684.83 | >91% | 86.5% |
| A3098-114 | PEPTAPPEESFRFGE | 1689.81 | >80% | 86.6% |
| A3098-115 | APPEESFRFGEETTT | 1697.78 | >87% | 86.7% |
| A3098-116 | ESFRFGEETTTPSQK | 1743.86 | >99% | 81.6% |
| A3098-117 | FGEETTTPSQKQEPI | 1691.82 | >97% | 86.6% |
| A3098-118 | TTTPSQKQEPIDKEL | 1714.90 | >91% | 81.4% |
| A3098-119 | SQKQEPIDKELYPLA | 1758.99 | >97% | 81.8% |
| A3098-120 | EPIDKELYPLASLRS | 1730.98 | >94% | 81.5% |
| A3098-121 | KELYPLASLRSLFGN | 1707.99 | >91% | 81.3% |
| A3098-122 | PLASLRSLFGNDPSS | 1560.74 | >96% | 85.6% |
| A3098-123 | LRSLFGNDPSSQ | 1320.43 | >90% | 83.5% |