# Identified Spike Peptides

| Valid | Weight | Sequence [1,2] | Protein identification probability (Prob) | SEQUEST XCorr | SEQUEST deltaCn | Modifications | Observed Mass (Da) | Actual Mass (Da) | Charge | Delta Da | Delta PPM | Retention Time | # Other Proteins | Other Proteins | Total Ion Chromatogram (TIC) | Spectrum ID | Peptide Start Index | Peptide Stop Index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1_Control_Purified_Virions** | | | | | | | | | | | | | | | | | | |
| **Gallus glycoprotein Ch-Severe acute respiratory syndrome coronavirus 2 OS=2697049 GN=S PE=4 SV=1 Accession ABX75989.1_NONE*** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.0667 | (K)YYYYRSKKFKR(S) | 99% | 2.0155 | 0.7970 | | 635.2208 | 1262.6805 | 3 | 0.0007 | 0.5974 | 1.538.86 | 4 | ADA76,ABX80,ADD76,ADE76,ADF76,ADG76,ADH76,ADI76 | 1.168.410 | 1_Control_Purified_Virions_3-18037-24831_24831 | 35 | 44 |
| TRUE | 0.0667 | (K)YYYYRSKKFKR(S) | 97% | 2.0155 | 0.7700 | | 635.2204 | 1262.6693 | 3 | 0.0005 | 0.3996 | 1.503.70 | 4 | ADA76,ABX80,ADD76,ADE76,ADF76,ADG76,ADH76,ADI76 | 1.577.920 | 1_Control_Purified_Virions_2-15432-24164_24164 | 35 | 44 |
| TRUE | 0.0667 | (K)YYYYRSKKFKR(S) | 97% | 2.0368 | 0.6810 | | 635.2209 | 1262.6847 | 3 | 0.0010 | 0.8209 | 1.651.61 | 4 | ADA76,ABX80,ADD76,ADE76,ADF76,ADG76,ADH76,ADI76 | 757.501 | 1_Control_Purified_Virions_2-15537-24335_24335 | 35 | 44 |
| TRUE | 0.0070 | (R)FQTLLALHRSYLT(A) | 99% | 1.6242 | 0.7696 | | 366.8856 | 1097.6934 | 3 | 0.0009 | 0.8287 | 1.992.75 | 5 | ADB76,ABX80,ADA76,ADC76,ADD76,ADE76,ADF76,ADG76 | 983.852 | 1_Control_Purified_Virions_2-18172-27116_27116 | 258 | 266 |
| TRUE | 0.0070 | (R)FQTLLALHRSYLT(A) | 99% | 1.8922 | 0.8977 | | 366.8861 | 1097.6954 | 3 | 0.0013 | 0.2567 | 1.933.91 | 5 | ADB76,ABX80,ADA76,ADC76,ADD76,ADE76,ADF76,ADG76 | 621.496 | 1_Control_Purified_Virions_2-17652-28971_28971 | 258 | 266 |
| TRUE | 0.0141 | (K)LNDLLFTNSYNVLYDSTVKGEVNSFIGVK(Q) | 97% | 3.7837 | 0.8376 | Carbamidomethyl (+57) | 868.4241 | 2601.2506 | 3 | 0.0018 | 0.7092 | 1.391.85 | 2 | ADB76,ADD76,ADE76 | 882.082 | 1_Control_Purified_Virions_2-20419-36825_36825 | 387 | 408 |
| TRUE | 0.0141 | (K)LNDLLFTNSYNVLYDSTVKGEVNSFIGVK(Q) | 97% | 3.6239 | 0.8303 | Carbamidomethyl (+57) | 868.4241 | 2601.2506 | 3 | 0.0018 | 0.7092 | 1.391.85 | 2 | ADB76,ADD76,ADE76 | 756.966 | 1_Control_Purified_Virions_2-20419-36913_36913 | 387 | 408 |
| TRUE | 0.0076 | (R)FDNPVLPFNDGVYFAS(T) | 99% | 2.1767 | 0.9376 | | 576.5485 | 1152.6815 | 2 | 0.0008 | 0.7384 | 1.880.55 | 4 | ADB76,ABX80,ADA76,ADD76,ADE76,ADF76,ADG76,ADH76 | 1.756.420 | 1_Control_Purified_Virions_2-8300-14685_14685 | 458 | 466 |
| TRUE | 0.0076 | (R)FDNPVLPFNDGVYFAS(T) | 97% | 2.0823 | 0.6230 | | 576.5485 | 1152.6815 | 2 | 0.0054 | 0.4356 | 1.913.98 | 4 | ADB76,ABX80,ADA76,ADD76,ADE76,ADF76,ADG76,ADH76 | 1.232.680 | 1_Control_Purified_Virions_2-8202-14581_14581 | 458 | 466 |
| TRUE | 0.0076 | (R)FDNPVLPFNDGVYFAS(T) | 95% | 2.1772 | 0.8017 | | 576.5489 | 1152.6828 | 2 | 0.0011 | 1.1092 | 1.969.56 | 4 | ADB76,ABX80,ADA76,ADD76,ADE76,ADF76,ADG76,ADH76 | 952.608 | 1_Control_Purified_Virions_2-8168-14381_14381 | 458 | 466 |
| TRUE | 0.0058 | (R)YLVVLEFLNNSTFDYVNIQIFHSKQ(N) | 99% | 4.0426 | 0.7204 | Carbamidomethyl (+57) | 678.7127 | 2036.1132 | 3 | 0.0022 | 0.3612 | 1.357.62 | 4 | ADA76,ADD76,ADE76,ADL76,ADM76,ADN76 | 2.207.880 | 1_Control_Purified_Virions_2-28298-38275_38275 | 510 | 528 |
| TRUE | 0.0058 | (R)YLVVLEFLNNSTFDYVNIQIFHSKQ(N) | 99% | 3.7453 | 0.7988 | Carbamidomethyl (+57) | 678.7123 | 2036.1132 | 3 | 0.0022 | 0.3602 | 1.352.69 | 3 | ADA76,ADD76,ADE76,ADM76,ADN76 | 1.365.320 | 1_Control_Purified_Virions_2-29168-38291_38291 | 510 | 528 |
| TRUE | 0.0187 | (R)YKVLQYRGAPRKTKVQPE(A)(N)(S) | 99% | 5.0613 | 0.7991 | | 793.7038 | 2378.2011 | 3 | 0.0002 | 0.0913 | 1.635.28 | 2 | ADB76,ADN76,ADO76 | 1.968.710 | 1_Control_Purified_Virions_2-20775-30165_30165 | 766 | 795 |
| TRUE | 0.0187 | (R)YKVLQYRGAPRKTKVQPE(A)(N)(S) | 97% | 5.0613 | 0.7991 | | 793.7038 | 2378.2011 | 3 | 0.0002 | 0.0913 | 1.635.28 | 2 | ADB76,ADN76,ADO76 | 1.365.202 | 1_Control_Purified_Virions_2-20597-30148_30148 | 766 | 795 |
| TRUE | 0.0185 | (R)DFBSSLVIRSPLSASNNFR(S) | 97% | 4.2669 | 0.8960 | | 737.7030 | 2208.2073 | 3 | 0.0013 | 0.5910 | 1.735.77 | 2 | ADB76,ADR76,ADS76 | 690.101 | 1_Control_Purified_Virions_2-27928-38792_38792 | 816 | 835 |
| **Gallus glycoprotein Ch-Severe acute respiratory syndrome coronavirus 2 OS=2697049 GN=S PE=4 SV=1 Accession ABX75989.1** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.0666 | (R)YYYYRSKKFKR(S) | 99% | 2.0155 | 0.7970 | | 635.2208 | 1262.6805 | 3 | 0.0007 | 0.5974 | 1.538.86 | 4 | ADA76,ABX80,ADD76,ADE76,ADF76,ADG76,ADH76,ADI76 | 1.168.410 | 1_Control_Purified_Virions_3-18037-24831_24831 | 35 | 44 |
| TRUE | 0.0666 | (R)YYYYRSKKFKR(S) | 97% | 2.0155 | 0.7700 | | 635.2201 | 1262.6693 | 3 | 0.0005 | 0.3996 | 1.503.70 | 4 | ADA76,ABX80,ADD76,ADE76,ADF76,ADG76,ADH76,ADI76 | 1.577.920 | 1_Control_Purified_Virions_2-15432-24164_24164 | 35 | 44 |
| TRUE | 0.0666 | (R)YYYYRSKKFKR(S) | 97% | 2.0368 | 0.6810 | | 635.2209 | 1262.6847 | 3 | 0.0010 | 0.8209 | 1.651.61 | 4 | ADA76,ABX80,ADD76,ADE76,ADF76,ADG76,ADH76,ADI76 | 757.501 | 1_Control_Purified_Virions_2-15537-24335_24335 | 35 | 44 |
| TRUE | 0.0000 | (R)YYYLSANLTNTVYDPLQPELDSFKEELDKYFKNHTSPDVDLGDISGINASVVNIQKEIDRLNEVAKNLNESLIDLQELGKYEQYIKWPWYVWLGFIAGLIAIVMVTIMLCCMTSCCSCLKGACSSVGSCCKFDEDDSEPVLKGVKLHYTV | 93% | 0.8057 | 0.5858 | Carbamidomethyl (+57), Deletion (-18) | 1102.2016 | 2397.0161 | 4 | -0.0042 | -0.4450 | 0.531.57 | 0 | | 622.473 | 1_Control_Purified_Virions_2-20668-37001_37025 | 139 | 195 |
| TRUE | 0.0080 | (R)FQTLLALHRSYLT(A) | 99% | 2.1202 | 0.7606 | | 366.8850 | 1097.6934 | 3 | 0.0003 | 0.2287 | 1.962.73 | 5 | ADB76,ABX80,ADA76,ADC76,ADD76,ADE76,ADF76,ADG76 | 983.852 | 1_Control_Purified_Virions_2-18172-27116_27116 | 258 | 266 |
| TRUE | 0.0080 | (R)FQTLLALHRSYLT(A) | 97% | 2.8922 | 0.8977 | | 366.8854 | 1097.6947 | 3 | 0.0010 | 0.2567 | 1.933.91 | 5 | ADB76,ABX80,ADA76,ADC76,ADD76,ADE76,ADF76,ADG76 | 621.496 | 1_Control_Purified_Virions_2-17652-28971_28971 | 258 | 266 |
| TRUE | 0.0402 | (K)NDALLFTNSYNVLYDSTVKGEVNSFIGVK(Q) | 99% | 2.1767 | 0.8376 | Carbamidomethyl (+57) | 868.4241 | 2601.2506 | 3 | 0.0018 | 0.7092 | 1.391.85 | 2 | ADB76,ADD76,ADE76 | 882.082 | 1_Control_Purified_Virions_2-20419-36825_36825 | 387 | 408 |
| TRUE | 0.0402 | (K)NDALLFTNSYNVLYDSTVKGEVNSFIGVK(Q) | 97% | 3.6239 | 0.8303 | Carbamidomethyl (+57) | 868.4241 | 2601.2506 | 3 | 0.0018 | 0.7092 | 1.391.85 | 2 | ADB76,ADD76,ADE76 | 756.966 | 1_Control_Purified_Virions_2-20419-36913_36913 | 387 | 408 |
| TRUE | 0.0076 | (R)FDNPVLPFNDGVYFAS(T) | 99% | 2.1767 | 0.9376 | | 576.5485 | 1152.6815 | 2 | 0.0008 | 0.7384 | 1.880.55 | 4 | ADB76,ABX80,ADA76,ADD76,ADE76,ADF76,ADG76,ADH76 | 1.756.420 | 1_Control_Purified_Virions_2-8300-14685_14685 | 458 | 466 |
| TRUE | 0.0076 | (R)FDNPVLPFNDGVYFAS(T) | 97% | 2.0823 | 0.6230 | | 576.5485 | 1152.6815 | 2 | 0.0054 | 0.4356 | 1.913.98 | 4 | ADB76,ABX80,ADA76,ADD76,ADE76,ADF76,ADG76,ADH76 | 1.232.680 | 1_Control_Purified_Virions_2-8202-14581_14581 | 458 | 466 |
| TRUE | 0.0076 | (R)FDNPVLPFNDGVYFAS(T) | 95% | 2.1772 | 0.8017 | | 576.5489 | 1152.6828 | 2 | 0.0011 | 1.1092 | 1.969.56 | 4 | ADB76,ABX80,ADA76,ADD76,ADE76,ADF76,ADG76,ADH76 | 952.608 | 1_Control_Purified_Virions_2-8168-14381_14381 | 458 | 466 |
| TRUE | 0.0058 | (R)YLVVLEFLNNSTFDYVNIQIFHSKQ(N) | 99% | 4.0426 | 0.7204 | Carbamidomethyl (+57) | 678.7127 | 2036.1132 | 3 | 0.0022 | 0.3612 | 1.357.62 | 4 | ADA76,ADD76,ADE76,ADL76,ADM76,ADN76 | 2.207.880 | 1_Control_Purified_Virions_2-28298-38275_38275 | 510 | 528 |
| TRUE | 0.0058 | (R)YLVVLEFLNNSTFDYVNIQIFHSKQ(N) | 99% | 3.7453 | 0.7988 | Carbamidomethyl (+57) | 678.7123 | 2036.1132 | 3 | 0.0022 | 0.3602 | 1.352.69 | 3 | ADA76,ADD76,ADE76,ADM76,ADN76 | 1.365.320 | 1_Control_Purified_Virions_2-29168-38291_38291 | 510 | 528 |
| TRUE | 0.0187 | (R)YKVLQYRGAPRKTKVQPE(A)(N)(S) | 99% | 5.0613 | 0.7991 | | 793.7038 | 2378.2011 | 3 | 0.0002 | 0.0913 | 1.635.28 | 2 | ADB76,ADN76,ADO76 | 1.968.710 | 1_Control_Purified_Virions_2-20775-30165_30165 | 766 | 795 |
| TRUE | 0.0187 | (R)YKVLQYRGAPRKTKVQPE(A)(N)(S) | 97% | 5.0613 | 0.7991 | | 793.7038 | 2378.2011 | 3 | 0.0002 | 0.0913 | 1.635.28 | 2 | ADB76,ADN76,ADO76 | 1.365.202 | 1_Control_Purified_Virions_2-20597-30148_30148 | 766 | 795 |
| TRUE | 0.0185 | (R)DFBSSLVIRSPLSASNNFR(S) | 97% | 4.2669 | 0.8960 | | 737.7030 | 2208.2073 | 3 | 0.0013 | 0.5910 | 1.735.77 | 2 | ADB76,ADR76,ADS76 | 690.101 | 1_Control_Purified_Virions_2-27928-38792_38792 | 816 | 835 |
| **Gallus glycoprotein Ch-Severe acute respiratory syndrome coronavirus 2 OS=2697049 GN=S PE=4 SV=1 Accession ABX75989.1** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.0313 | (R)YYYYRSKKFKR(S) | 99% | 2.0155 | 0.7970 | | 635.2208 | 1262.6805 | 3 | 0.0007 | 0.5974 | 1.538.86 | 4 | ADA76,ABX80,ADD76,ADE76,ADF76,ADG76,ADH76,ADI76 | 1.168.410 | 1_Control_Purified_Virions_3-18037-24831_24831 | 35 | 44 |
| TRUE | 0.0313 | (R)YYYYRSKKFKR(S) | 97% | 2.0155 | 0.7700 | | 635.2204 | 1262.6693 | 3 | 0.0005 | 0.3996 | 1.503.70 | 4 | ADA76,ABX80,ADD76,ADE76,ADF76,ADG76,ADH76,ADI76 | 1.577.920 | 1_Control_Purified_Virions_2-15432-24164_24164 | 35 | 44 |
| TRUE | 0.0313 | (R)YYYYRSKKFKR(S) | 97% | 2.0368 | 0.6810 | | 635.2209 | 1262.6847 | 3 | 0.0010 | 0.8209 | 1.651.61 | 4 | ADA76,ABX80,ADD76,ADE76,ADF76,ADG76,ADH76,ADI76 | 757.501 | 1_Control_Purified_Virions_2-15537-24335_24335 | 35 | 44 |
| TRUE | 0.0147 | (R)FQTLLALHRSYLT(A) | 99% | 2.1202 | 0.7606 | | 366.8850 | 1097.6934 | 3 | 0.0009 | 0.8287 | 1.962.75 | 5 | ADB76,ABX80,ADA76,ADC76,ADD76,ADE76,ADF76,ADG76 | 983.852 | 1_Control_Purified_Virions_2-18172-27116_27116 | 258 | 266 |
| TRUE | 0.0147 | (R)FQTLLALHRSYLT(A) | 97% | 2.8922 | 0.8977 | | 366.8854 | 1097.6947 | 3 | 0.0010 | 0.2567 | 1.933.91 | 5 | ADB76,ABX80,ADA76,ADC76,ADD76,ADE76,ADF76,ADG76 | 621.496 | 1_Control_Purified_Virions_2-17652-28971_28971 | 258 | 266 |
| TRUE | 0.0712 | (R)DDLNDVLSNVSQTLQSI(I) | 99% | 2.0161 | 0.5636 | | 570.5585 | 1137.6241 | 2 | 0.0004 | 0.3256 | 1.913.98 | 4 | ADB76,ABX80,ADA76,ADD76,ADE76,ADF76,ADG76,ADH76 | 1.756.420 | 1_Control_Purified_Virions_2-8300-14685_14685 | 458 | 466 |
| TRUE | 0.0712 | (R)DDLNDVLSNVSQTLQSI(I) | 97% | 2.0823 | 0.6230 | | 570.5585 | 1137.6241 | 2 | 0.0004 | 0.3256 | 1.913.98 | 4 | ADB76,ABX80,ADA76,ADD76,ADE76,ADF76,ADG76,ADH76 | 1.232.680 | 1_Control_Purified_Virions_2-8202-14581_14581 | 458 | 466 |
| TRUE | 0.0712 | (R)DDLNDVLSNVSQTLQSI(I) | 95% | 2.1772 | 0.8017 | | 570.5589 | 1137.6254 | 2 | 0.0011 | 0.1952 | 1.969.56 | 4 | ADB76,ABX80,ADA76,ADD76,ADE76,ADF76,ADG76,ADH76 | 952.608 | 1_Control_Purified_Virions_2-8168-14381_14381 | 458 | 466 |
| TRUE | 0.0058 | (R)YLVVLEFLNNSTFDYVNIQIFHSKQ(N) | 99% | 4.0426 | 0.7204 | Carbamidomethyl (+57) | 678.7127 | 2036.1132 | 3 | 0.0022 | 0.3612 | 1.357.62 | 4 | ADA76,ADD76,ADE76,ADL76,ADM76,ADN76 | 2.207.880 | 1_Control_Purified_Virions_2-28298-38275_38275 | 510 | 528 |
| TRUE | 0.0058 | (R)YLVVLEFLNNSTFDYVNIQIFHSKQ(N) | 99% | 3.7453 | 0.7988 | Carbamidomethyl (+57) | 678.7123 | 2036.1132 | 3 | 0.0022 | 0.3602 | 1.352.69 | 3 | ADA76,ADD76,ADE76,ADM76,ADN76 | 1.365.320 | 1_Control_Purified_Virions_2-29168-38291_38291 | 510 | 528 |
| TRUE | 0.0187 | (R)YKVLQYRGAPRKTKVQPE(A)(N)(S) | 99% | 5.0613 | 0.7991 | | 793.7038 | 2378.2011 | 3 | 0.0002 | 0.0913 | 1.635.28 | 2 | ADB76,ADN76,ADO76 | 1.968.710 | 1_Control_Purified_Virions_2-20775-30165_30165 | 766 | 795 |
| TRUE | 0.0187 | (R)YKVLQYRGAPRKTKVQPE(A)(N)(S) | 97% | 5.0613 | 0.7991 | | 793.7038 | 2378.2011 | 3 | 0.0002 | 0.0913 | 1.635.28 | 2 | ADB76,ADN76,ADO76 | 1.365.202 | 1_Control_Purified_Virions_2-20597-30148_30148 | 766 | 795 |
| TRUE | 0.0185 | (R)DFBSSLVIRSPLSASNNFR(S) | 97% | 4.2669 | 0.8960 | | 737.7030 | 2208.2073 | 3 | 0.0013 | 0.5910 | 1.735.77 | 2 | ADB76,ADR76,ADS76 | 690.101 | 1_Control_Purified_Virions_2-27928-38792_38792 | 816 | 835 |
| **Gallus glycoprotein Ch-Severe acute respiratory syndrome coronavirus 2 OS=2697049 GN=S PE=4 SV=1 Accession ABX75989.1** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.0000 | (K)DVLNQIAPGQTGVIYNNSVNNVIDPKFQLK(Y) | 97% | 0.6998 | 0.9556 | Carbamidomethyl (+57), Carbamidomethyl (+57) | 767.9711 | 3765.5895 | 5 | 0.0014 | 0.7290 | 1.890.84 | 0 | | 867.185 | 1_Control_Purified_Virions_2-33930-43377_43377 | 120 | 158 |
| **2_Mock_Purified_Virions_Mock_Treated** | | | | | | | | | | | | | | | | | | |
| **Gallus glycoprotein Ch-Severe acute respiratory syndrome coronavirus 2 OS=2697049 GN=S PE=4 SV=1 Accession ABX75989.1_NONE*** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.0067 | (R)FQTLLALHRSYLT(A) | 99% | 2.0973 | 0.7635 | | 366.8853 | 1097.6934 | 3 | 0.0003 | 1.8090 | 2.537.18 | 4 | ADA76,ABX80,ADB76,ADC76,ADD76,ADE76 | 882.949 | 2_Mock_Purified_Virions_1-23960-29386_29386 | 22 | 31 |
| TRUE | 0.0080 | (K)YNNSVIRSYSPVKLNNLFNTVVDSPYLVRSVLSHGEQQ | 94% | 0.6998 | 0.7966 | Carbamidomethyl (+57) | 771.7841 | 3852.3668 | 5 | 0.0020 | 0.8353.96 | 1.911.21 | 2 | ADA76,ADB76,ADD76 | 505.329 | 2_Mock_Purified_Virions_1-17363-25607_25607 | 158 | 189 |
| TRUE | 0.0070 | (R)FQTLLALHRSYLT(A) | 95% | 2.7958 | 0.7684 | | 366.8852 | 1097.6937 | 3 | -0.0010 | -0.9113 | 1.980.96 | 5 | ADB76,ABX80,ADA76,ADC76,ADD76,ADE76,ADF76,ADG76 | 505.607 | 2_Mock_Purified_Virions_1-15830-27186_27186 | 229 | 243 |
| TRUE | 0.0076 | (R)FDNPVLPFNDGVYFAS(T) | 95% | 1.7748 | 0.9651 | | 576.5483 | 1152.6809 | 2 | 0.0002 | 0.1737 | 1.969.56 | 4 | ADB76,ABX80,ADA76,ADD76,ADE76,ADF76,ADG76,ADH76 | 850.585 | 2_Mock_Purified_Virions_1-8167-14351_14351 | 458 | 466 |
| TRUE | 0.0076 | (R)FDNPVLPFNDGVYFAS(T) | 93% | 1.5428 | 0.5898 | | 576.5488 | 1152.6826 | 2 | 0.0061 | 0.5896 | 1.892.27 | 4 | ADB76,ABX80,ADA76,ADD76,ADE76,ADF76,ADG76,ADH76 | 822.928 | 2_Mock_Purified_Virions_1-8151-14281_14281 | 455 | 463 |
| TRUE | 0.0058 | (R)YLVVLEFLNNSTFDYVNIQIFHSKQ(N) | 99% | 3.7511 | 0.7966 | Carbamidomethyl (+57) | 678.7111 | 2036.1132 | 3 | 0.0010 | 0.1476 | 1.179.71 | 4 | ADA76,ADD76,ADE76,ADM76,ADN76 | 1.685.160 | 2_Mock_Purified_Virions_1-29298-38275_38275 | 510 | 528 |
| TRUE | 0.0050 | (K)AGLLQLGEARKNFNVSLDNVFDKLEEIKNTQEFWKPQR | 96% | 0.2959 | 0.7960 | Carbamidomethyl (+57), Carbamidomethyl (+57), Carbamidomethyl (+57) | 981.9321 | 3924.7392 | 4 | 0.0125 | 0.1750 | 5.414.09 | 0 | | 232.276 | 2_Mock_Purified_Virions_1-23604-30268_30268 | 654 | 690 |
| TRUE | 0.0187 | (R)YKVLQYRGAPRKTKVQPE(A)(N)(S) | 97% | 4.8251 | 0.7799 | | 793.7032 | 2378.2011 | 3 | 0.0002 | 0.0913 | 1.635.28 | 2 | ADB76,ADN76,ADO76 | 2.007.020 | 2_Mock_Purified_Virions_1-20597-30148_30148 | 766 | 795 |
| TRUE | 0.0185 | (R)DFBSSLVIRSPLSASNNFR(S) | 97% | 3.9433 | 0.8259 | | 737.7008 | 2208.2103 | 3 | 0.0035 | 0.3112 | 1.737.53 | 2 | ADB76,ADR76,ADS76 | 599.030 | 2_Mock_Purified_Virions_1-27928-38792_38792 | 816 | 835 |
| **Gallus glycoprotein Ch-Severe acute respiratory syndrome coronavirus 2 OS=2697049 GN=S PE=4 SV=1 Accession ABX75989.1** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.0666 | (R)YYYYRSKKFKR(S) | 99% | 2.2518 | 0.7712 | | 635.2209 | 1262.6847 | 3 | 0.0010 | 0.7781 | 1.545.98 | 4 | ADA76,ABX80,ADB76,ADC76,ADD76,ADE76,ADF76,ADG76 | 905.291 | 2_Mock_Purified_Virions_2-16570-26779_26779 | 35 | 44 |
| TRUE | 0.0666 | (R)YYYYRSKKFKR(S) | 99% | 2.0973 | 0.7635 | | 635.2211 | 1262.6925 | 3 | 0.0021 | 1.8090 | 2.537.18 | 4 | ADA76,ABX80,ADB76,ADC76,ADD76,ADE76,ADF76,ADG76 | 882.949 | 2_Mock_Purified_Virions_1-23960-29386_29386 | 35 | 44 |
| TRUE | 0.0369 | (K)NNKSEIIRPAPQHTFKKIERDKWSKPKMKMTYIISEGSDQVDHTGNL | 96% | 0.6998 | 0.7966 | Carbamidomethyl (+57) | 966.5001 | 2894.4982 | 3 | 0.0020 | 0.6900 | 1.112.68 | 0 | | 49.097 | 2_Mock_Purified_Virions_2-19561-35882_35882 | 211 | 287 |
| TRUE | 0.0040 | (R)FQTLLALHRSYLT(A) | 96% | 2.5582 | 0.8084 | | 366.8853 | 1097.6931 | 3 | 0.0006 | 0.5657 | 1.990.16 | 5 | ADB76,ABX80,ADA76,ADC76,ADD76,ADE76,ADF76,ADG76 | 636.559 | 2_Mock_Purified_Virions_2-18017-27977_27977 | 259 | 266 |
| TRUE | 0.0040 | (R)FQTLLALHRSYLT(A) | 96% | 2.7858 | 0.7585 | | 366.8854 | 1097.6934 | 3 | 0.0009 | 0.8287 | 1.962.75 | 5 | ADB76,ABX80,ADA76,ADC76,ADD76,ADE76,ADF76,ADG76 | 505.607 | 2_Mock_Purified_Virions_1-15830-27186_27186 | 258 | 266 |
| TRUE | 0.0187 | (K)RKNLNKFVKEYIAIPAFRTTNEC | 96% | 0.9689 | 0.5038 | Carbamidomethyl (+57) | 810.7325 | 2428.1785 | 3 | 0.0019 | 0.8302 | 1.208.05 | 3 | ADB76,ADM76 | 687.566 | 2_Mock_Purified_Virions_2-25689-35709_35709 | 357 | 378 |
| TRUE | 0.0754 | (R)DDLNDVLSNVSQTLQSI(I) | 95% | 1.6245 | 0.5371 | | 570.5487 | 1137.6242 | 2 | 0.0012 | 0.0995 | 1.592.09 | 4 | ADB76,ABX80,ADA76,ADD76,ADE76,ADF76,ADG76,ADH76 | 714.936 | 2_Mock_Purified_Virions_2-8164-14391_14391 | 458 | 466 |
| TRUE | 0.0754 | (R)DDLNDVLSNVSQTLQSI(I) | 95% | 1.5488 | 0.4629 | | 570.5487 | 1137.6242 | 2 | 0.0012 | 0.0995 | 1.592.09 | 4 | ADB76,ABX80,ADA76,ADD76,ADE76,ADF76,ADG76,ADH76 | 651.795 | 2_Mock_Purified_Virions_2-8049-14052_14052 | 458 | 466 |
| TRUE | 0.0754 | (R)DDLNDVLSNVSQTLQSI(I) | 95% | 1.7758 | 0.4861 | | 570.5487 | 1137.6242 | 2 | 0.0012 | 0.0995 | 1.592.09 | 4 | ADB76,ABX80,ADA76,ADD76,ADE76,ADF76,ADG76,ADH76 | 855.085 | 2_Mock_Purified_Virions_2-8167-14351_14351 | 458 | 466 |
| TRUE | 0.0754 | (R)DDLNDVLSNVSQTLQSI(I) | 95% | 1.5428 | 0.5098 | | 570.5487 | 1137.6242 | 2 | 0.0012 | 0.0995 | 1.592.09 | 4 | ADB76,ABX80,ADA76,ADD76,ADE76,ADF76,ADG76,ADH76 | 822.928 | 2_Mock_Purified_Virions_2-8151-14281_14281 | 458 | 466 |
| TRUE | 0.0177 | (R)YKVLQYRGAPRKTKVQPE(A) | 98% | 4.0480 | 0.7979 | Carbamidomethyl (+57) | 678.7126 | 2036.1132 | 3 | 0.0020 | 0.2975 | 1.379.13 | 3 | ADA76,ADB76,ADD76,ADN76,ADO76 | 2.127.260 | 2_Mock_Purified_Virions_2-24437-36652_36652 | 510 | 528 |
| TRUE | 0.0177 | (R)YKVLQYRGAPRKTKVQPE(A) | 97% | 4.0903 | 0.7993 | Carbamidomethyl (+57) | 678.7121 | 2036.1132 | 3 | 0.0017 | 0.2475 | 1.179.73 | 3 | ADA76,ADB76,ADD76,ADN76,ADO76 | 1.685.160 | 2_Mock_Purified_Virions_2-24298-36336_36336 | 510 | 528 |
| TRUE | 0.1897 | (R)DFBSSLVIRSPLSASNNFR(S) | 94% | 5.0163 | 0.7926 | | 793.7013 | 2378.2019 | 3 | 0.0003 | 0.1347 | 1.077.17 | 2 | ADB76,ADN76,ADO76,ADR76,ADS76 | 2.285.190 | 2_Mock_Purified_Virions_2-21265-30352_30352 | 766 | 795 |
| TRUE | 0.1897 | (R)DFBSSLVIRSPLSASNNFR(S) | 94% | 5.0163 | 0.7799 | | 793.7010 | 2378.2010 | 3 | 0.0003 | 0.0963 | 1.063.08 | 2 | ADB76,ADN76,ADO76,ADR76,ADS76 | 2.007.200 | 2_Mock_Purified_Virions_2-19969-30386_30386 | 766 | 795 |
| TRUE | 0.1411 | (R)DFBSSLVIRSPLSASNNFR(S) | 95% | 5.0163 | 0.8232 | | 737.7680 | 2208.2100 | 3 | 0.0031 | 0.2112 | 1.737.53 | 2 | ADB76,ADN76,ADR76,ADS76 | 599.030 | 2_Mock_Purified_Virions_2-19969-30852_30852 | 816 | 835 |
| **Gallus glycoprotein Ch-Severe acute respiratory syndrome coronavirus 2 OS=2697049 GN=S PE=4 SV=1 Accession ABX75989.1** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.0313 | (R)YYYYRSKKFKR(S) | 99% | 2.2518 | 0.7712 | | 635.2209 | 1262.6847 | 3 | 0.0010 | 0.7781 | 1.545.98 | 4 | ADA76,ABX80,ADB76,ADC76,ADD76,ADE76,ADF76,ADG76 | 905.291 | 2_Mock_Purified_Virions_2-16570-26779_26779 | 35 | 44 |
| TRUE | 0.0313 | (R)YYYYRSKKFKR(S) | 99% | 2.0973 | 0.7635 | | 635.2211 | 1262.6925 | 3 | 0.0021 | 1.8090 | 2.537.18 | 4 | ADA76,ABX80,ADB76,ADC76,ADD76,ADE76,ADF76,ADG76 | 882.949 | 2_Mock_Purified_Virions_1-23960-29386_29386 | 35 | 44 |
| TRUE | 0.0147 | (R)FQTLLALHRSYLT(A) | 96% | 2.5582 | 0.8084 | | 366.8853 | 1097.6931 | 3 | 0.0006 | 0.5657 | 1.990.16 | 5 | ADB76,ABX80,ADA76,ADC76,ADD76,ADE76,ADF76,ADG76 | 636.559 | 2_Mock_Purified_Virions_2-18017-27977_27977 | 259 | 266 |
| TRUE | 0.0147 | (R)FQTLLALHRSYLT(A) | 96% | 2.7858 | 0.7585 | | 366.8854 | 1097.6934 | 3 | 0.0009 | 0.8287 | 1.962.75 | 5 | ADB76,ABX80,ADA76,ADC76,ADD76,ADE76,ADF76,ADG76 | 505.607 | 2_Mock_Purified_Virions_1-15830-27186_27186 | 258 | 266 |
| TRUE | 0.1713 | (R)DDLNDVLSNVSQTLQSI(I) | 95% | 1.6245 | 0.5371 | | 570.5484 | 1137.6235 | 2 | 0.0010 | 0.0893 | 1.592.09 | 4 | ADA76,ABX80,ADB76,ADC76,ADD76,ADE76,ADF76,ADG76 | 714.936 | 2_Mock_Purified_Virions_2-8164-14391_14391 | 458 | 466 |
| TRUE | 0.1713 | (R)DDLNDVLSNVSQTLQSI(I) | 95% | 1.5488 | 0.4629 | | 570.5484 | 1137.6235 | 2 | 0.0010 | 0.0893 | 1.592.09 | 4 | ADA76,ABX80,ADB76,ADC76,ADD76,ADE76,ADF76,ADG76 | 651.795 | 2_Mock_Purified_Virions_2-8049-14052_14052 | 458 | 466 |
| TRUE | 0.1713 | (R)DDLNDVLSNVSQTLQSI(I) | 95% | 1.7758 | 0.4861 | | 570.5484 | 1137.6235 | 2 | 0.0010 | 0.0893 | 1.592.09 | 4 | ADA76,ABX80,ADB76,ADC76,ADD76,ADE76,ADF76,ADG76 | 855.085 | 2_Mock_Purified_Virions_2-8167-14351_14351 | 458 | 466 |
| TRUE | 0.1713 | (R)DDLNDVLSNVSQTLQSI(I) | 95% | 1.5428 | 0.5098 | | 570.5484 | 1137.6235 | 2 | 0.0010 | 0.0893 | 1.592.09 | 4 | ADA76,ABX80,ADB76,ADC76,ADD76,ADE76,ADF76,ADG76 | 822.928 | 2_Mock_Purified_Virions_2-8151-14281_14281 | 458 | 466 |
| **Gallus glycoprotein Ch-Severe acute respiratory syndrome coronavirus 2 OS=2697049 GN=S PE=4 SV=1 Accession ABX75989.1** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.0313 | (R)YYYYRSKKFKR(S) | 99% | 2.2518 | 0.7712 | | 635.2209 | 1262.6847 | 3 | 0.0010 | 0.7781 | 1.545.98 | 4 | ADA76,ABX80,ADB76,ADC76,ADD76,ADE76,ADF76,ADG76 | 905.291 | 2_Mock_Purified_Virions_2-16570-26779_26779 | 35 | 44 |
| TRUE | 0.0147 | (R)FQTLLALHRSYLT(A) | 96% | 2.5582 | 0.8084 | | 366.8853 | 1097.6931 | 3 | 0.0006 | 0.5657 | 1.990.16 | 5 | ADB76,ABX80,ADA76,ADC76,ADD76,ADE76,ADF76,ADG76 | 636.559 | 2_Mock_Purified_Virions_2-18017-27977_27977 | 259 | 266 |
| TRUE | 0.1369 | (R)FQTLLALHRSYLT(A) | 96% | 2.7858 | 0.7585 | | 366.8854 | 1097.6934 | 3 | 0.0009 | 0.8287 | 1.962.75 | 5 | ADB76,ABX80,ADA76,ADC76,ADD76,ADE76,ADF76,ADG76 | 505.607 | 2_Mock_Purified_Virions_1-15830-27186_27186 | 258 | 266 |
| TRUE | 0.1369 | (R)FQTLLALHRSYLT(A) | 96% | 1.6245 | 0.5371 | | 570.5484 | 1137.6235 | 2 | 0.0010 | 0.0893 | 1.592.09 | 4 | ADA76,ABX80,ADB76,ADC76,ADD76,ADE76,ADF76,ADG76 | 714.936 | 2_Mock_Purified_Virions_2-8164-14391_14391 | 458 | 466 |
| TRUE | 0.1369 | (R)FQTLLALHRSYLT(A) | 96% | 1.5488 | 0.4629 | | 570.5484 | 1137.6235 | 2 | 0.0010 | 0.0893 | 1.592.09 | 4 | ADA76,ABX80,ADB76,ADC76,ADD76,ADE76,ADF76,ADG76 | 651.795 | 2_Mock_Purified_Virions_2-8049-14052_14052 | 458 | 466 |
| TRUE | 0.1369 | (R)FQTLLALHRSYLT(A) | 96% | 1.7758 | 0.4861 | | 570.5484 | 1137.6235 | 2 | 0.0010 | 0.0893 | 1.592.09 | 4 | ADA76,ABX80,ADB76,ADC76,ADD76,ADE76,ADF76,ADG76 | 855.085 

# Identified Spike Peptides

| Valid | Weight | Sequence [-15] | Protein identification probability (PoR) | SEQUEST XCorr | SEQUEST deltaCn | Modifications | Observed Mass (Da) | Actual Mass (Da) | Charge | Delta Da | Delta PPM | Retention Time | # Other Proteins | Other Proteins | Total Ion Chromatogram (TIC) | Spectrum ID | Peptide Start Index | Peptide Stop Index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRUE | 0.0882 | (K)VKSLFTNVSEIFVR(D) | 96% | 4.0813 | 0.8234 | Carbamidomethyl (+57) | 1551.0162 | 1551.9979 | 2 | -0.0008 | -0.5733 | 5.187.75 | 3 | ADATDPLLD,ADATDPVKAEK,NDMLASNTDFIR | 886,587 | 5_PRJna14-Treated_Purified_Virions_1-20861-37492_37492 | 387 | 409 |
| TRUE | 0.0844 | (K)DAEPNTR(L) | 96% | 3.0172 | 0.7673 | | 410.7225 | 821.4292 | 2 | 0.0061 | 6.8682 | 1.598.53 | 4 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 1,292,480 | 5_PRJna14-Treated_Purified_Virions_1-9319-19635_19635 | 418 | 431 |
| TRUE | 0.0844 | (K)DAEPNTR(L) | 96% | 1.7686 | 0.7673 | | 410.7225 | 821.4292 | 2 | 0.0061 | 6.8682 | 5.062.68 | 4 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 6,507,382 | 5_PRJna14-Treated_Purified_Virions_2-9661-20594_20594 | 418 | 431 |
| TRUE | 0.1415 | (K)DPPSETSLDVAWAENLNEK(Y) | 97% | 5.2705 | 0.7624 | Carbamidomethyl (+57) | 1110.5214 | 2365.0942 | 2 | 0.0015 | 0.6452 | 6.188.55 | 2 | ADPTDDVMK,ADATDPVKAEK,NDM | 576,815 | 5_PRJna14-Treated_Purified_Virions_2-26759-36336_36336 | 425 | 446 |
| TRUE | 0.0684 | (K)VEGSVNTVDYQTR(A) | 97% | 2.6868 | 0.7557 | | 669.7985 | 1317.5815 | 2 | 0.0014 | 0.5952 | 1.597.50 | 4 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDMLASNTDFIR | 1,691,580 | 5_PRJna14-Treated_Purified_Virions_2-24171-32024_32024 | 425 | 454 |
| TRUE | 0.0682 | (K)VEGSVNTVDYQTR(A) | 96% | 3.5426 | 0.7391 | | 659.7981 | 1317.5817 | 2 | 0.0008 | 0.6026 | 1.869.26 | 4 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDMLASNTDFIR | 1,561,820 | 5_PRJna14-Treated_Purified_Virions_2-20222-28620_28620 | 425 | 454 |
| TRUE | 0.0679 | (K)VKSLFPNTVSEIFVR(D) | 100% | 2.1133 | 0.6264 | Carbamidomethyl (+57) | 1179.5687 | 2356.1152 | 2 | 0.0011 | 0.4663 | 1.881.79 | 4 | ADATDPLLD,ADATDPVKAEK,NDMLASNTDFIR | 1,289,200 | 5_PRJna14-Treated_Purified_Virions_2-9780-13875_13875 | 387 | 419 |
| TRUE | 0.0712 | (K)VGSLLPPTEQ(K) | 96% | 1.6199 | 0.5910 | | 573.3287 | 1112.6102 | 2 | 0.0022 | 1.9374 | 1.916.23 | 4 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDMLASNTDFIR | 795,757 | 5_PRJna14-Treated_Purified_Virions_1-8169-12772_12772 | 458 | 486 |
| TRUE | 0.0754 | (K)VKSLFPNTVSEIFVR(D) | 96% | 1.5767 | 0.8916 | Carbamidomethyl (+57) | 573.5688 | 1144.7227 | 2 | 0.0013 | 0.5674 | 1.898.46 | 4 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDMLASNTDFIR | 1,611,180 | 5_PRJna14-Treated_Purified_Virions_2-19491-25556_25556 | 458 | 486 |
| TRUE | 0.0577 | (K)VVGSFGSAMPSTVGSLPR(R) | 100% | 4.0721 | 0.7707 | Carbamidomethyl (+57) | 679.7125 | 2036.1141 | 3 | 0.0011 | 0.5337 | 6.375.21 | 3 | ADATDPLLD,ADATDPVKAEK,NDMLASNTDFIR | 1,992,125 | 5_PRJna14-Treated_Purified_Virions_2-23569-37566_37566 | 510 | 538 |
| TRUE | 0.0577 | (K)VVGSFGSAMPSTVGSLPR(R) | 96% | 3.0163 | 0.7668 | Carbamidomethyl (+57) | 679.7123 | 2036.1152 | 3 | 0.0022 | 1.0802 | 6.368.35 | 3 | ADATDPLLD,ADATDPVKAEK,NDMLASNTDFIR | 600,757 | 5_PRJna14-Treated_Purified_Virions_2-20257-36689_36689 | 510 | 538 |
| TRUE | 0.0755 | (K)PVPQEPSER(D) | 96% | 1.7537 | 0.8916 | | 570.3038 | 1138.5932 | 2 | 0.0001 | 0.0575 | 1.858.06 | 3 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDM | 1,411,480 | 5_PRJna14-Treated_Purified_Virions_2-28826-38146_38146 | 519 | 547 |
| TRUE | 0.0755 | (K)PVPQEPSER(D) | 96% | 1.7492 | 0.8141 | | 570.3038 | 1138.5932 | 2 | 0.0001 | 0.0575 | 1.881.52 | 3 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDM | 1,618,840 | 5_PRJna14-Treated_Purified_Virions_2-20257-35981_35981 | 519 | 547 |
| TRUE | 0.0729 | (K)PVPQEPSER(D) | 96% | 1.7473 | 0.7785 | | 570.3037 | 1138.5932 | 2 | 0.0002 | 0.1758 | 1.538.79 | 3 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDM | 913,990 | 5_PRJna14-Treated_Purified_Virions_2-20257-35981_35981 | 519 | 547 |
| TRUE | 0.0729 | (K)DEDTTDDAI(K) | 97% | 1.3291 | 0.7683 | | 536.7609 | 1071.5152 | 2 | 0.0001 | 0.0496 | 1.507.32 | 3 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDM | 873,387 | 5_PRJna14-Treated_Purified_Virions_2-30953-37692_37692 | 568 | 577 |
| TRUE | 0.0686 | (K)VEGSVNTVDYQTR(A) | 97% | 2.5165 | 0.8216 | | 679.8837 | 1357.7660 | 2 | 0.0011 | 0.4080 | 1.517.43 | 4 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDMLASNTDFIR | 808,752 | 5_PRJna14-Treated_Purified_Virions_2-24171-32024_32024 | 625 | 654 |
| TRUE | 0.1857 | (K)ALTSAAVVQQWNTQVFADFK(E) | 96% | 4.1861 | 0.7620 | | 760.7609 | 2280.2809 | 3 | -0.0006 | -0.2542 | 1.656.08 | 2 | ADPTDDVMK,ADATDPVKAEK,NDM | 266,173 | 5_PRJna14-Treated_Purified_Virions_2-23223-30653_30653 | 764 | 786 |
| TRUE | 0.0712 | (K)VGSLLPPTEQ(K) | 97% | 2.6608 | 0.7561 | | 573.3277 | 1112.6102 | 2 | 0.0012 | 0.1080 | 1.916.23 | 4 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDMLASNTDFIR | 1,798,220 | 5_PRJna14-Treated_Purified_Virions_2-20662-28976_28976 | 816 | 825 |
| TRUE | 0.0723 | (K)PVEGLSSLFNNI(C) | 96% | 2.7287 | 0.8910 | | 613.3268 | 1224.6391 | 2 | 0.0002 | 0.0293 | 6.565.19 | 4 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 1,370,570 | 5_PRJna14-Treated_Purified_Virions_2-27920-38119_38119 | 816 | 835 |
| TRUE | 0.0682 | (K)DEDGLGSSAAR(D) | 97% | 2.0417 | 0.8008 | Carbamidomethyl (+57) | 569.8934 | 1137.4222 | 2 | 0.0014 | 0.1212 | 6.238.24 | 3 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 1,240,240 | 5_PRJna14-Treated_Purified_Virions_2-28653-38862_38862 | 858 | 867 |
| TRUE | 0.0682 | (K)DEDGLGSSAAR(D) | 96% | 3.1782 | 0.8291 | Carbamidomethyl (+57) | 569.8931 | 1137.4215 | 2 | 0.0014 | 0.1212 | 6.667.28 | 5 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDMLASNTDFIR | 1,224,550 | 5_PRJna14-Treated_Purified_Virions_2-28653-38862_38862 | 858 | 867 |
| TRUE | 0.0678 | (K)VGSVNPNSVAQLLSR(D) | 96% | 1.6960 | 0.7584 | | 668.9641 | 1335.9282 | 2 | 0.0013 | 0.1000 | 1.597.50 | 4 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDMLASNTDFIR | 351,382 | 5_PRJna14-Treated_Purified_Virions_2-29257-39851_39851 | 911 | 943 |
| TRUE | 0.0736 | (K)VLNNSIQNTAAGI(K) | 96% | 1.6770 | 0.7494 | | 638.3685 | 1274.6950 | 2 | 0.0008 | 0.0647 | 1.598.89 | 4 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDMLASNTDFIR | 532,886 | 5_PRJna14-Treated_Purified_Virions_2-27529-37536_37536 | 912 | 943 |
| TRUE | 0.0811 | (K)QEEKISNTSAAAI(K) | 96% | 3.8169 | 0.8918 | | 690.3685 | 1376.7515 | 2 | 0.0004 | 0.3019 | 6.435.32 | 3 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDM | 357,540 | 5_PRJna14-Treated_Purified_Virions_2-20851-29966_29966 | 944 | 967 |
| TRUE | 0.0758 | (K)GSDVTPKSNQAQSAATVR(S) | 96% | 3.3155 | 0.8291 | | 932.5252 | 1862.0502 | 2 | 0.0152 | 8.1258 | 5.657.08 | 5 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDMLASNTDFIR | 1,651,250 | 5_PRJna14-Treated_Purified_Virions_2-20853-35885_35885 | 948 | 964 |
| TRUE | 0.0758 | (K)GSDVTPKSNQAQSAATVR(S) | 96% | 3.7387 | 0.8221 | | 932.5253 | 1862.0502 | 2 | 0.0155 | 8.2982 | 5.483.31 | 3 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDM | 775,126 | 5_PRJna14-Treated_Purified_Virions_2-21283-35905_35905 | 948 | 964 |
| TRUE | 0.0636 | (R)LDEYVSSLIQTI(E) | 100% | 3.6277 | 0.7651 | | 672.3900 | 1342.7688 | 2 | 0.0000 | 0.0000 | 2.037.08 | 4 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDMLASNTDFIR | 391,295 | 5_PRJna14-Treated_Purified_Virions_2-20887-29974_29974 | 984 | 995 |
| TRUE | 0.0728 | (K)LDQLCTVYTQLI(R) | 97% | 3.5916 | 0.8139 | | 815.9761 | 1629.9235 | 2 | 0.0024 | 1.4590 | 6.236.16 | 3 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDM | 2,535,250 | 5_PRJna14-Treated_Purified_Virions_2-27053-38872_38872 | 1001 | 1014 |
| TRUE | 0.0728 | (K)LDQLCTVYTQLI(R) | 96% | 3.7698 | 0.7891 | | 815.9760 | 1629.9235 | 2 | 0.0023 | 1.4067 | 5.981.74 | 3 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDMLASNTDFIR | 1,601,980 | 5_PRJna14-Treated_Purified_Virions_2-21883-35883_35883 | 1001 | 1014 |
| TRUE | 0.0767 | (K)ASLMAEAFN(N) | 96% | 2.7582 | 0.6600 | | 431.7579 | 861.4607 | 2 | 0.0002 | 0.2314 | 1.267.86 | 3 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDM | 198,568 | 5_PRJna14-Treated_Purified_Virions_1-5767-11582_11582 | 1020 | 1028 |
| TRUE | 0.0767 | (K)ASLMAEAFN(N) | 96% | 2.8112 | 0.6208 | | 431.7577 | 861.4607 | 2 | 0.0012 | 0.1228 | 1.273.83 | 3 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDM | 600,857 | 5_PRJna14-Treated_Purified_Virions_1-5767-11577_11577 | 1020 | 1028 |
| TRUE | 0.0797 | (K)VKDFLGSE(L) | 96% | 2.0903 | 0.6964 | Carbamidomethyl (+57) | 441.2178 | 880.4211 | 2 | 0.0014 | 1.7932 | 2.632.09 | 3 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDM | 718,518 | 5_PRJna14-Treated_Purified_Virions_1-7233-13127_13127 | 1039 | 1045 |
| TRUE | 0.0797 | (K)VKDFLGSE(L) | 96% | 2.1398 | 0.6600 | Carbamidomethyl (+57) | 441.2180 | 880.4211 | 2 | 0.0012 | 1.2392 | 2.577.62 | 3 | ADATSAAMD,ADATDPLLD,ADENLEGLLI,NDM | 650,675 | 5_PRJna14-Treated_Purified_Virions_1-7233-13122_13122 | 1039 | 1045 |
| TRUE | 0.0791 | (K)YKSFVDNETNEFVTQR(N) | 96% | 4.2131 | 0.6776 | | 621.9751 | 1861.9040 | 3 | 0.0011 | 0.5908 | 1.835.46 | 2 | ADPTDPLLD,ADATDPVKAEK | 331,928 | 5_PRJna14-Treated_Purified_Virions_2-19150-28103_28103 | 1051 | 1107 |
| **Sulfate glycoprotein Ch-Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=S PE=4 SV=1 Accession ABZ57164/S** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.1608 | (K)VDFVPTDVSFVLT(Y) | 97% | 3.5328 | 0.8253 | | 812.8326 | 1215.6285 | 2 | -0.0002 | -0.1992 | 5.011.15 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 346,633 | 5_PRJna14-Treated_Purified_Virions_2-20753-35162_35162 | 329 | 353 |
| TRUE | 0.1608 | (K)VDFVPTDVSFVLT(Y) | 97% | 3.4682 | 0.8152 | | 812.8171 | 1215.6285 | 2 | 0.0001 | 0.0882 | 5.985.02 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 358,819 | 5_PRJna14-Treated_Purified_Virions_2-25183-39334_39334 | 329 | 353 |
| TRUE | 0.1608 | (K)VDFVPTDVSFVLT(Y) | 96% | 2.7086 | 0.8201 | | 812.8171 | 1215.6285 | 2 | 0.0001 | 0.0882 | 6.036.22 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 923,138 | 5_PRJna14-Treated_Purified_Virions_2-23127-32277_32277 | 329 | 353 |
| TRUE | 0.1640 | (K)VNWSSFIEY(K) | 97% | 1.6494 | 0.9016 | | 536.2327 | 1070.4480 | 2 | -0.0002 | -0.2271 | 5.952.62 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 675,500 | 5_PRJna14-Treated_Purified_Virions_2-19821-28112_28112 | 353 | 358 |
| TRUE | 0.1568 | (K)VNWSSFIEY(K) | 96% | 1.8157 | 0.8851 | | 536.2327 | 1070.4480 | 2 | -0.0002 | -0.2271 | 5.667.08 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 511,549 | 5_PRJna14-Treated_Purified_Virions_2-18520-27418_27418 | 353 | 358 |
| TRUE | 0.2003 | (K)NSSYTK(S) | 96% | 1.6613 | 0.4899 | | 438.7181 | 875.4136 | 2 | 0.0008 | 0.9796 | 1.236.23 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,NDM | 1,045,270 | 5_PRJna14-Treated_Purified_Virions_2-21812-27876_27876 | 356 | 362 |
| TRUE | 0.2003 | (K)NSSYTK(S) | 96% | 1.5132 | 0.4899 | | 438.7181 | 875.4136 | 2 | 0.0008 | 0.9796 | 1.260.37 | 3 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,NDM | 851,283 | 5_PRJna14-Treated_Purified_Virions_2-20974-28757_28757 | 356 | 362 |
| TRUE | 0.2121 | (K)PTPKLCYIQ(S) | 96% | 1.5442 | 0.7221 | | 575.2938 | 1148.5731 | 2 | 0.0009 | 0.9018 | 1.561.23 | 3 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,NDM | 831,141 | 5_PRJna14-Treated_Purified_Virions_2-12093-18080_18080 | 357 | 366 |
| TRUE | 0.2121 | (K)PTPKLCYIQ(S) | 96% | 2.8862 | 0.7349 | | 575.2931 | 1148.5731 | 2 | -0.0006 | -0.5962 | 1.561.23 | 3 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,NDM | 887,719 | 5_PRJna14-Treated_Purified_Virions_2-10102-18855_18855 | 357 | 366 |
| TRUE | 0.2167 | (K)TQTLQLAIR(S) | 100% | 2.9392 | 0.7931 | | 502.8867 | 1004.7588 | 2 | 0.0003 | 0.2547 | 1.969.98 | 5 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 435,797 | 5_PRJna14-Treated_Purified_Virions_2-18501-28167_28167 | 359 | 368 |
| TRUE | 0.2167 | (K)TQTLQLAIR(S) | 96% | 2.5977 | 0.6768 | | 502.8856 | 1004.7588 | 2 | -0.0007 | -0.7430 | 1.969.98 | 5 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 631,990 | 5_PRJna14-Treated_Purified_Virions_2-18579-27682_27682 | 359 | 368 |
| TRUE | 0.1568 | (K)VNWSSFIEY(K) | 96% | 1.6178 | 0.7875 | | 536.2326 | 1070.4480 | 2 | -0.0003 | -0.3271 | 5.660.08 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 1,492,480 | 5_PRJna14-Treated_Purified_Virions_2-18520-27418_27418 | 353 | 358 |
| TRUE | 0.1640 | (K)VNWSSFIEY(K) | 96% | 1.7658 | 0.7875 | | 536.2327 | 1070.4480 | 2 | -0.0002 | -0.2271 | 5.952.62 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 1,397,350 | 5_PRJna14-Treated_Purified_Virions_2-19821-28112_28112 | 353 | 358 |
| TRUE | 0.1568 | (K)VNWSSFIEY(K) | 96% | 1.6494 | 0.7875 | | 536.2327 | 1070.4480 | 2 | -0.0002 | -0.2271 | 5.667.08 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 511,549 | 5_PRJna14-Treated_Purified_Virions_2-18520-27418_27418 | 353 | 358 |
| TRUE | 0.1568 | (K)VNWSSFIEY(K) | 96% | 1.6613 | 0.7875 | | 536.2327 | 1070.4480 | 2 | -0.0002 | -0.2271 | 5.960.98 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 491,797 | 5_PRJna14-Treated_Purified_Virions_2-18611-28167_28167 | 353 | 358 |
| TRUE | 0.1518 | (K)VDFVPTDVSFVLT(Y) | 96% | 3.8952 | 0.7784 | | 536.2323 | 1070.4448 | 2 | -0.0007 | -0.6607 | 5.960.98 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 503,287 | 5_PRJna14-Treated_Purified_Virions_2-18520-27418_27418 | 353 | 358 |
| TRUE | 0.1518 | (K)VDFVPTDVSFVLT(Y) | 96% | 3.0406 | 0.7784 | | 536.2323 | 1070.4448 | 2 | -0.0007 | -0.6607 | 5.960.98 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 491,797 | 5_PRJna14-Treated_Purified_Virions_2-18611-28167_28167 | 353 | 358 |
| TRUE | 0.1518 | (K)VDFVPTDVSFVLT(Y) | 97% | 2.7267 | 0.8253 | | 536.2320 | 1070.4448 | 2 | -0.0010 | -0.9339 | 5.952.62 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 675,500 | 5_PRJna14-Treated_Purified_Virions_2-19821-28112_28112 | 353 | 358 |
| TRUE | 0.1518 | (K)VDFVPTDVSFVLT(Y) | 96% | 2.5165 | 0.7784 | | 536.2320 | 1070.4448 | 2 | -0.0010 | -0.9339 | 5.667.08 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 511,549 | 5_PRJna14-Treated_Purified_Virions_2-18520-27418_27418 | 353 | 358 |
| TRUE | 0.1518 | (K)VDFVPTDVSFVLT(Y) | 96% | 2.7267 | 0.7784 | | 536.2320 | 1070.4448 | 2 | -0.0010 | -0.9339 | 5.960.98 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 491,797 | 5_PRJna14-Treated_Purified_Virions_2-18611-28167_28167 | 353 | 358 |
| TRUE | 0.1518 | (K)VDFVPTDVSFVLT(Y) | 96% | 1.7527 | 0.7784 | | 536.2320 | 1070.4448 | 2 | -0.0010 | -0.9339 | 5.858.08 | 3 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,NDM | 1,121,460 | 5_PRJna14-Treated_Purified_Virions_2-24829-34142_34142 | 359 | 367 |
| TRUE | 0.1713 | (K)TQTLQLAIR(S) | 96% | 1.7488 | 0.8143 | | 570.3038 | 1138.5932 | 2 | 0.0000 | 0.0000 | 1.869.26 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 1,018,830 | 5_PRJna14-Treated_Purified_Virions_2-18501-28167_28167 | 359 | 368 |
| TRUE | 0.1713 | (K)TQTLQLAIR(S) | 96% | 1.5271 | 0.7591 | | 570.3035 | 1138.5932 | 2 | 0.0003 | 0.2788 | 1.861.29 | 3 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,NDM | 823,990 | 5_PRJna14-Treated_Purified_Virions_2-23229-33229_33229 | 359 | 367 |
| TRUE | 0.1563 | (K)VNTTDDQTQIQDV(T) | 97% | 1.5391 | 0.7684 | | 718.9647 | 1435.9148 | 2 | -0.0003 | -0.2296 | 1.597.50 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,NDMLASNTDFIR | 874,987 | 5_PRJna14-Treated_Purified_Virions_2-19491-25556_25556 | 360 | 377 |
| TRUE | 0.1557 | (K)VVTDINYKNVF(T)K(A) | 97% | 1.5161 | 0.9016 | | 679.6937 | 1357.6648 | 2 | 0.0003 | 0.1580 | 1.517.43 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 808,752 | 5_PRJna14-Treated_Purified_Virions_2-24859-33628_33628 | 625 | 646 |
| TRUE | 0.1562 | (K)VVTDINYKNVF(T)K(A) | 97% | 2.9658 | 0.7593 | | 679.6937 | 1357.6648 | 2 | 0.0003 | 0.1580 | 6.565.19 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 1,798,220 | 5_PRJna14-Treated_Purified_Virions_2-20662-28976_28976 | 816 | 825 |
| TRUE | 0.1562 | (K)VVTDINYKNVF(T)K(A) | 96% | 2.7287 | 0.8916 | | 679.6938 | 1357.6648 | 2 | 0.0004 | 0.2633 | 6.565.19 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 1,370,570 | 5_PRJna14-Treated_Purified_Virions_2-27920-38119_38119 | 816 | 835 |
| TRUE | 0.1507 | (K)DEDGLGSSAAR(D) | 97% | 2.9317 | 0.8168 | Carbamidomethyl (+57) | 669.8884 | 1337.6223 | 2 | -0.0014 | -0.1010 | 6.436.24 | 5 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDMLASNTDFIR | 1,260,660 | 5_PRJna14-Treated_Purified_Virions_2-28653-38862_38862 | 858 | 867 |
| TRUE | 0.1507 | (K)DEDGLGSSAAR(D) | 96% | 3.1760 | 0.8291 | Carbamidomethyl (+57) | 669.8884 | 1337.6223 | 2 | -0.0014 | -0.1010 | 6.667.28 | 5 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDMLASNTDFIR | 1,224,550 | 5_PRJna14-Treated_Purified_Virions_2-28653-38862_38862 | 858 | 867 |
| TRUE | 0.1570 | (K)LNNSIQNTAAGI(K) | 96% | 2.6862 | 0.7709 | | 638.3684 | 1274.6950 | 2 | 0.0000 | 0.0314 | 6.629.23 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 651,402 | 5_PRJna14-Treated_Purified_Virions_2-18491-25291_25291 | 912 | 943 |
| TRUE | 0.1570 | (K)LNNSIQNTAAGI(K) | 96% | 2.8770 | 0.7591 | | 638.3684 | 1274.6950 | 2 | 0.0000 | 0.0314 | 6.667.28 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 532,886 | 5_PRJna14-Treated_Purified_Virions_2-27529-37536_37536 | 912 | 943 |
| TRUE | 0.1531 | (K)LNNSIQNTAAGI(K) | 96% | 2.8770 | 0.7591 | | 638.3682 | 1274.6950 | 2 | -0.0002 | -0.1569 | 6.667.28 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 1,411,480 | 5_PRJna14-Treated_Purified_Virions_2-28826-38146_38146 | 519 | 547 |
| TRUE | 0.1760 | (K)QEEKISNTSAAAI(K) | 96% | 3.8169 | 0.8918 | | 690.3685 | 1376.7515 | 2 | 0.0004 | 0.3019 | 6.435.32 | 3 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,NDM | 357,540 | 5_PRJna14-Treated_Purified_Virions_2-20851-29966_29966 | 944 | 967 |
| TRUE | 0.1760 | (K)QEEKISNTSAAAI(K) | 96% | 3.7387 | 0.8221 | | 690.3685 | 1376.7515 | 2 | 0.0004 | 0.3019 | 6.435.32 | 3 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,NDM | 775,126 | 5_PRJna14-Treated_Purified_Virions_2-21283-35905_35905 | 948 | 967 |
| TRUE | 0.1817 | (K)VDFVPTDVSFVLT(Y) | 96% | 2.7267 | 0.6776 | | 543.9551 | 1062.9040 | 2 | -0.0010 | -0.9339 | 5.835.46 | 3 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,NDM | 331,928 | 5_PRJna14-Treated_Purified_Virions_2-19150-28103_28103 | 1051 | 1107 |
| **Sulfate glycoprotein Ch-Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=S PE=4 SV=1 Accession ABZ57164/S** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.1608 | (K)VDFVPTDVSFVLT(Y) | 97% | 3.5328 | 0.8253 | | 812.8326 | 1215.6285 | 2 | -0.0002 | -0.1992 | 5.011.15 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 346,633 | 5_PRJna14-Treated_Purified_Virions_2-20753-35162_35162 | 329 | 353 |
| TRUE | 0.1608 | (K)VDFVPTDVSFVLT(Y) | 97% | 3.4682 | 0.8152 | | 812.8171 | 1215.6285 | 2 | 0.0001 | 0.0882 | 5.985.02 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 358,819 | 5_PRJna14-Treated_Purified_Virions_2-25183-39334_39334 | 329 | 353 |
| TRUE | 0.1608 | (K)VDFVPTDVSFVLT(Y) | 96% | 2.7086 | 0.8201 | | 812.8171 | 1215.6285 | 2 | 0.0001 | 0.0882 | 6.036.22 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 923,138 | 5_PRJna14-Treated_Purified_Virions_2-23127-32277_32277 | 329 | 353 |
| TRUE | 0.1640 | (K)VNWSSFIEY(K) | 97% | 1.6494 | 0.9016 | | 536.2327 | 1070.4480 | 2 | -0.0002 | -0.2271 | 5.952.62 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 675,500 | 5_PRJna14-Treated_Purified_Virions_2-19821-28112_28112 | 353 | 358 |
| TRUE | 0.1568 | (K)VNWSSFIEY(K) | 96% | 1.8157 | 0.8851 | | 536.2327 | 1070.4480 | 2 | -0.0002 | -0.2271 | 5.667.08 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 511,549 | 5_PRJna14-Treated_Purified_Virions_2-18520-27418_27418 | 353 | 358 |
| TRUE | 0.1568 | (K)VNWSSFIEY(K) | 96% | 1.6613 | 0.7875 | | 536.2327 | 1070.4480 | 2 | -0.0002 | -0.2271 | 5.960.98 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 491,797 | 5_PRJna14-Treated_Purified_Virions_2-18611-28167_28167 | 353 | 358 |
| TRUE | 0.1518 | (K)VDFVPTDVSFVLT(Y) | 96% | 3.8952 | 0.7784 | | 536.2323 | 1070.4448 | 2 | -0.0007 | -0.6607 | 5.960.98 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 503,287 | 5_PRJna14-Treated_Purified_Virions_2-18520-27418_27418 | 353 | 358 |
| TRUE | 0.1518 | (K)VDFVPTDVSFVLT(Y) | 96% | 3.0406 | 0.7784 | | 536.2323 | 1070.4448 | 2 | -0.0007 | -0.6607 | 5.960.98 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 491,797 | 5_PRJna14-Treated_Purified_Virions_2-18611-28167_28167 | 353 | 358 |
| TRUE | 0.1518 | (K)VDFVPTDVSFVLT(Y) | 97% | 2.7267 | 0.8253 | | 536.2320 | 1070.4448 | 2 | -0.0010 | -0.9339 | 5.952.62 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 675,500 | 5_PRJna14-Treated_Purified_Virions_2-19821-28112_28112 | 353 | 358 |
| TRUE | 0.1518 | (K)VDFVPTDVSFVLT(Y) | 96% | 2.5165 | 0.7784 | | 536.2320 | 1070.4448 | 2 | -0.0010 | -0.9339 | 5.667.08 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 511,549 | 5_PRJna14-Treated_Purified_Virions_2-18520-27418_27418 | 353 | 358 |
| TRUE | 0.1518 | (K)VDFVPTDVSFVLT(Y) | 96% | 2.7267 | 0.7784 | | 536.2320 | 1070.4448 | 2 | -0.0010 | -0.9339 | 5.960.98 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 491,797 | 5_PRJna14-Treated_Purified_Virions_2-18611-28167_28167 | 353 | 358 |
| TRUE | 0.1518 | (K)VDFVPTDVSFVLT(Y) | 96% | 1.7527 | 0.7784 | | 536.2320 | 1070.4448 | 2 | -0.0010 | -0.9339 | 5.858.08 | 3 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,NDM | 1,121,460 | 5_PRJna14-Treated_Purified_Virions_2-24829-34142_34142 | 359 | 367 |
| TRUE | 0.1713 | (K)TQTLQLAIR(S) | 96% | 1.7488 | 0.8143 | | 570.3038 | 1138.5932 | 2 | 0.0000 | 0.0000 | 1.869.26 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,ADATDWWPK,NDM | 1,018,830 | 5_PRJna14-Treated_Purified_Virions_2-18501-28167_28167 | 359 | 368 |
| TRUE | 0.1713 | (K)TQTLQLAIR(S) | 96% | 1.5271 | 0.7591 | | 570.3035 | 1138.5932 | 2 | 0.0003 | 0.2788 | 1.861.29 | 3 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,NDM | 823,990 | 5_PRJna14-Treated_Purified_Virions_2-23229-33229_33229 | 359 | 367 |
| TRUE | 0.1563 | (K)VNTTDDQTQIQDV(T) | 97% | 1.5391 | 0.7684 | | 718.9647 | 1435.9148 | 2 | -0.0003 | -0.2296 | 1.597.50 | 4 | ADATSAEKD,ADATDPLLD,ADENLEGLLI,NDMLASNTDFIR | 874,987 | 5_PRJna14-Treated_Purified_Virions_2-19491-25556_25556 | 360 | 377 |
| TRUE | 0.1557 | (K)VVTDINYKNVF(T)K(A) | 97% | 1.5161 | 0.9016 | | 679.6937 | 1357.6648 | 2 | 0.0003 | 0.1580 | 1.517.43 | 4 | ADATSAEKD,AD

# Identified Spike Peptides

| Valid | Weight | Sequence [a,b] | Protein identification probability (PoR) | SEQUEST XCorr | SEQUEST deltaCn | Modifications | Observed Mass (Da) | Actual Mass (Da) | Charge | Delta Da | Delta PPM | Retention Time | # Other Proteins | Other Proteins | Total Ion Chromatogram (TIC) | Spectrum ID | Peptide Start Index | Peptide Stop Index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRUE | 0.0690 | [K]VTQTLLALHK[D] | 98% | 1.7411 | 0.1239 | | 366.8858 | 1097.6855 | 3 | 0.0008 | 0.7053 | 5.992.39 | 5 | ADK7ILNAWG,ADK7EFFLLD,ADK7KLYGLV,ADK7LNAWWVR,NDM,ADK7LYIPKD | 149,633 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-19900-20 PM_25790 | 238 | 246 |
| TRUE | 0.0690 | [K]VTQTLLALHK[D] | 97% | 1.5268 | 0.6154 | | 366.8851 | 1097.6842 | 3 | 0.0006 | 0.5802 | 4,996.11 | 5 | ADK7ILNAWG,ADK7EFFLLD,ADK7KLYGLV,ADK7LNAWWVR,NDM,ADK7LYIPKD | 149,942 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-19922-27555_27555 | 238 | 246 |
| TRUE | 0.0648 | [K]QYCDTDSFWEVD | 96% | 2.0250 | 0.7960 | | 510.2771 | 1586.5317 | 2 | 0.0001 | 0.0230 | 5,861.60 | 4 | ADA7YDFLLD,ADA7YDFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 905,160 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-12760-20362_20362 | 311 | 319 |
| TRUE | 0.0648 | [K]YQYTEEVRDY | 92% | 1.4220 | 0.5169 | | 514.7902 | 1027.5692 | 2 | 0.0004 | 0.8678 | 5,619.23 | 4 | ADA7YDFLLD,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 168,668 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-10778-17586_17586 | 320 | 328 |
| TRUE | 0.0648 | [K]YQYTEEVRDY | 91% | 1.5907 | 0.5161 | | 514.7902 | 1027.5692 | 2 | 0.0005 | 0.8865 | 5,619.18 | 4 | ADA7YDFLLD,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 263,935 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-7963-10852_10852 | 320 | 328 |
| TRUE | 0.0628 | [K]QYTEEVRDY | 91% | 1.0882 | 0.3171 | | 514.7902 | 1027.5692 | 2 | 0.0004 | 0.8678 | 5,392.50 | 4 | ADA7YDFLLD,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 125,342 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-7852-10296_10296 | 320 | 328 |
| TRUE | 0.0879 | [K]FVDAYVSANSN[D] | 91% | 2.7788 | 0.8889 | | 557.2787 | 1112.5426 | 2 | 0.0007 | 1.3802 | 5,879.58 | 2 | ADA7VDLEVD,ADA7LRWWRY,NDM | 357,612 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-19839-26798_26798 | 367 | 376 |
| TRUE | 0.0873 | [K]FVDAYVSANSN[D] | 91% | 2.0356 | 0.8589 | | 557.2786 | 1112.5426 | 2 | 0.0004 | 1.3102 | 5,879.27 | 2 | ADA7VDLEVD,ADA7LRWWRY,NDM | 691,951 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-19279-25026_25026 | 367 | 376 |
| TRUE | 0.0868 | [K]YDKVFRDS[Y] | 91% | 1.6966 | 0.6968 | Carbamidomethyl (+57) | 266.2330 | 532.4218 | 2 | 0.0004 | 2.6580 | 5,779.68 | 2 | ADA7YDEIGD,ADA7LRWWRY,NDM | 137,812 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-7812-10341_10341 | 379 | 386 |
| TRUE | 0.0868 | [K]YDKVFRDS[Y] | 91% | 1.7915 | 0.7251 | Carbamidomethyl (+57) | 266.2330 | 532.4218 | 2 | 0.0004 | 2.6580 | 5,779.68 | 2 | ADA7YDEIGD,ADA7LRWWRY,NDM | 168,749 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-5350-1287_1287 | 379 | 386 |
| TRUE | 0.0660 | [K]VADYRNYI[L] | 90% | 1.8558 | 0.8986 | | 318.7723 | 895.6278 | 2 | 0.0005 | 1.5760 | 5,509.16 | 4 | ADA7SLRDRR,ADA7EFFLLD,ADA7LRWWRY,NDM | 1,115,660 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-9372-19372_19372 | 418 | 426 |
| TRUE | 0.0664 | [K]VADYRNYI[L] | 90% | 1.6961 | 0.7985 | | 318.7721 | 895.6256 | 2 | 0.0014 | 4.6660 | 5,075.25 | 4 | ADA7SLRDRR,ADA7EFFLLD,ADA7LRWWRY,NDM | 814,219 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-8450-13862_13862 | 418 | 426 |
| TRUE | 0.1115 | [K]QKDNYKLPDDFTGCVIAWNSNNLDSKVG | 98% | 1.8435 | 0.8313 | Carbamidomethyl (+57) | 1035.1028 | 3102.3005 | 3 | 0.0013 | 1.2982 | 6,351.32 | 2 | ADA7DTRLRR,ADA7LRWWRY,NDM | 53,111 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-19226-26843_26843 | 418 | 463 |
| TRUE | 0.1115 | [K]QKDNYKLPDDFTGCVIAWNSNNLDSKVG | 97% | 1.5302 | 0.6766 | Carbamidomethyl (+57) | 1035.1026 | 3102.3005 | 3 | 0.0016 | 1.6788 | 5,351.28 | 2 | ADA7DTRLRR,ADA7LRWWRY,NDM | 76,019 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-20017-26843_26843 | 418 | 463 |
| TRUE | 0.1415 | [K]YQDPDTSLGVAWNNNLDNKVG | 99% | 4.0311 | 0.9632 | Carbamidomethyl (+57) | 1150.5195 | 2300.0382 | 2 | 0.0010 | 0.4371 | 6,181.58 | 2 | ADA7DDVRNR,ADA7LRWWRY,NDM | 291,216 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-23887-35630_35630 | 425 | 442 |
| TRUE | 0.1415 | [K]YQDPDTSLGVAWNNNLDNKVG | 95% | 2.6708 | 0.9000 | Carbamidomethyl (+57) | 1150.5215 | 2300.0382 | 2 | 0.0018 | 0.7828 | 6,174.66 | 2 | ADA7DDVRNR,ADA7LRWWRY,NDM | 317,232 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-23545-35386_35386 | 425 | 442 |
| TRUE | 0.0846 | [K]VGSNYNYLYRLL | 93% | 3.5527 | 0.8569 | | 609.7979 | 1217.5812 | 2 | -0.0017 | -1.4110 | 4,954.07 | 4 | ADA7LRAWRL,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 622,786 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-15651-23162_23162 | 445 | 456 |
| TRUE | 0.0846 | [K]VGSNYNYLYRLL | 91% | 2.2302 | 0.6896 | | 609.7980 | 1217.5812 | 2 | 0.0006 | 0.5005 | 4,568.58 | 4 | ADA7LRAWRL,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 250,653 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-12887-21677 | 445 | 456 |
| TRUE | 0.0577 | [K]YVVGSFDSLAWNTNSFNDR | 98% | 4.5895 | 0.8570 | Carbamidomethyl (+57) | 679.7122 | 2036.5146 | 3 | 0.0016 | 0.7852 | 6,368.88 | 3 | ADA7YDFLLD,ADA7YDFLLD,ADA7LRWWRY,NDM | 556,905 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-19427-32777_32777 | 510 | 528 |
| TRUE | 0.0577 | [K]YVVGSFDSLAWNTNSFNDR | 97% | 4.5779 | 0.8969 | Carbamidomethyl (+57) | 679.7122 | 2036.5146 | 3 | 0.0016 | 0.7852 | 6,373.35 | 3 | ADA7YDFLLD,ADA7YDFLLD,ADA7LRWWRY,NDM | 651,551 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-17505-30481_30481 | 510 | 528 |
| TRUE | 0.0755 | [K]FCPQQFQSN[D] | 93% | 1.6728 | 0.8595 | | 530.9532 | 1138.5938 | 2 | 0.0014 | 1.2070 | 5,689.66 | 3 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM | 203,595 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-15579-23181_23181 | 559 | 567 |
| TRUE | 0.0755 | [K]FCPQQFQSN[D] | 91% | 1.6728 | 0.7926 | | 530.9535 | 1138.5938 | 2 | 0.0002 | 0.2502 | 5,689.56 | 3 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM | 474,983 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-19457-30141_30141 | 559 | 567 |
| TRUE | 0.0755 | [K]FCPQQFQSN[D] | 91% | 1.2758 | 0.5935 | | 530.9535 | 1138.5935 | 2 | 0.0000 | 0.0290 | 5,689.88 | 4 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM | 386,297 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-20850-32195_32195 | 559 | 567 |
| TRUE | 0.0686 | [K]VTSTSSWVDYQ[N] | 91% | 2.2352 | 0.8099 | | 676.8387 | 1347.6629 | 2 | 0.0004 | 0.2756 | 6,129.35 | 4 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 732,431 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-16806-25926_25926 | 609 | 626 |
| TRUE | 0.1007 | [K]ALTSGVRSTQSRNTSFSFVQENSD | 99% | 4.6192 | 0.8899 | | 760.7925 | 2280.3756 | 3 | 0.0021 | 1.0260 | 5,619.28 | 2 | ADA7DDVRNR,ADA7LRWWRY,NDM | 180,807 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-21481-30146_30146 | 766 | 788 |
| TRUE | 0.0723 | [K]EIRSSLFNEQ[S] | 93% | 2.9327 | 0.7587 | | 613.3266 | 1224.6386 | 2 | -0.0005 | -0.4274 | 6,581.94 | 4 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 682,570 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-18891-30.198_30198 | 816 | 825 |
| TRUE | 0.1461 | [K]YDKVFRDSSYYQSTQLQFSSVEVN | 95% | 2.8169 | 0.5309 | Carbamidomethyl (+57) | 747.7600 | 2240.2071 | 3 | 0.0025 | 1.0960 | 6,736.67 | 2 | ADA7DDVRNR,ADA7LRWWRY,NDM | 61,962 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-25750-37146_37146 | 816 | 835 |
| TRUE | 0.0642 | [K]ESQSLGSLGSNAR[D] | 93% | 2.7982 | 0.6205 | Carbamidomethyl (+57) | 669.8095 | 1337.6045 | 2 | 0.0008 | 0.6205 | 4,459.36 | 5 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 679,192 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-15892-23881_23881 | 836 | 847 |
| TRUE | 0.0736 | [K]LNNVSNTSVAVLQ | 93% | 1.6366 | 0.5314 | | 638.9015 | 1274.6874 | 2 | 0.0008 | 1.2190 | 5,602.87 | 4 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 152,905 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-16869-26976_26976 | 912 | 925 |
| TRUE | 0.0736 | [K]LNNVSNTSVAVLQ | 91% | 2.5254 | 0.7709 | | 638.9040 | 1274.6874 | 2 | -0.0019 | -0.7904 | 4,598.59 | 4 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 109,265 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-17969-28117_28117 | 912 | 924 |
| TRUE | 0.0921 | [K]QEQLLESTASALQKQ | 93% | 1.5868 | 0.8227 | | 589.9017 | 1176.7888 | 2 | 0.0003 | 0.6252 | 3,970.05 | 3 | ADA7LRAWRL,ADA7EFFLLD,ADA7LRWWRY,NDM | 173,435 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-13727-23686_23686 | 913 | 927 |
| TRUE | 0.0716 | [K]QSRVYNDAVQKAIDAYKQ[S] | 93% | 2.6419 | 0.8966 | | 934.5165 | 1867.0185 | 2 | 0.0021 | 1.1020 | 5,475.09 | 3 | ADA7YDFLLD,ADA7YDFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 157,139 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-17736-30754_30754 | 968 | 984 |
| TRUE | 0.0716 | [K]QSRVYNDAVQKAIDAYKQ[S] | 91% | 1.2396 | 0.6800 | | 934.5166 | 1867.0185 | 2 | 0.0022 | 1.2020 | 5,391.22 | 3 | ADA7YDFLLD,ADA7YDFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 84,132 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-18513-28880_28880 | 968 | 984 |
| TRUE | 0.0728 | [K]LDSLQTYVTQQLIRQ[A] | 93% | 1.5565 | 0.8021 | | 910.9779 | 1819.9412 | 2 | 0.0006 | 0.6269 | 6,235.25 | 3 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM | 761,991 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-19215-31782_31782 | 1001 | 1018 |
| TRUE | 0.0767 | [K]DSLNNLAATDA[A] | 93% | 2.3295 | 0.5915 | | 610.7581 | 1829.6619 | 2 | 0.0012 | 1.0390 | 2,315.54 | 3 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM | 268,957 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-9353-15962_15962 | 1000 | 1028 |
| TRUE | 0.0767 | [K]DSLNNLAATDA[A] | 91% | 1.8263 | 0.5742 | | 610.7581 | 1829.6619 | 2 | 0.0012 | 1.2220 | 2,595.69 | 3 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM | 230,220 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-9429-16361_16361 | 1000 | 1028 |
| TRUE | 0.0797 | [K]FDRSHSQEQQ[S] | 90% | 2.2057 | 0.6023 | Carbamidomethyl (+57) | 442.2182 | 880.4218 | 2 | 0.0009 | 0.9616 | 2,607.14 | 3 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM | 457,414 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-6752-11605_11605 | 1009 | 1025 |
| **Dulbecco glycoprotein Ob-boxes acute respiratory syndrome coronavirus 2 ORF-2B/9ORF Ob-1 PFL-0 SO-1 ADCFGRLEE** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.1430 | [K]TQLPNAYTNSFTR[G] | 93% | 2.1875 | 0.7608 | | 738.0802 | 1496.7499 | 2 | 0.0008 | 0.5413 | 6,627.22 | 5 | ADA7GRDERL,ADA7EFFLLD,ADA7KLYGLV,ADA7LRWWRY,NDM,ADA7LYRFKD | 267,798 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-16863-25142_25142 | 22 | 36 |
| TRUE | 0.1608 | [K]VDFCGKGYHLM[S] | 93% | 2.5868 | 0.8511 | | 612.8572 | 1223.6288 | 2 | 0.0003 | 0.6912 | 6,394.05 | 4 | ADA7TLAAWG,ADA7LRDFDE,ADA7EFFLLD,ADA7LRWWRY,NDM | 262,603 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-16889-26386_26386 | 103 | 115 |
| TRUE | 0.1608 | [K]VDFCGKGYHLM[S] | 91% | 1.8062 | 0.7146 | | 612.8572 | 1223.6288 | 2 | 0.0002 | 0.7976 | 6,017.86 | 4 | ADA7TLAAWG,ADA7LRDFDE,ADA7EFFLLD,ADA7LRWWRY,NDM | 157,280 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-16899-26368_26368 | 103 | 115 |
| TRUE | 0.1368 | [K]VGWMGRFR[Y] | 93% | 1.6419 | 0.9012 | | 536.2332 | 1070.4664 | 2 | 0.0003 | 0.6232 | 5,979.05 | 4 | ADA7LRAWRL,ADA7EFFLLD,ADA7LRWWRY,NDM | 305,920 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-19829-29.197_29197 | 559 | 567 |
| TRUE | 0.2003 | [K]NDSSTYR[S] | 90% | 1.6535 | 0.6397 | | 628.7136 | 855.4122 | 2 | 0.0001 | 0.1882 | 4,276.05 | 3 | ADA7GRDERL,ADA7EFFLLD,ADA7LRWWRY,NDM | 1,065,975 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-13257-21882_21882 | 196 | 202 |
| TRUE | 0.2003 | [K]NDSSTYR[S] | 90% | 1.4138 | 0.6850 | | 628.7135 | 855.4122 | 2 | 0.0002 | 0.3502 | 4,276.09 | 3 | ADA7GRDERL,ADA7EFFLLD,ADA7LRWWRY,NDM | 752,562 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-13819-21139_21139 | 196 | 202 |
| TRUE | 0.2015 | [K]PTRNLVR[D] | 93% | 1.0965 | 0.7661 | | 375.2029 | 968.5565 | 2 | 0.0002 | 0.1909 | 3,588.63 | 3 | ADA7GRDERL,ADA7EFFLLD,ADA7LRWWRY,NDM | 498,197 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-11669-18571_18571 | 207 | 214 |
| TRUE | 0.2015 | [K]PTRNLVR[D] | 93% | 1.3660 | 0.7325 | | 375.2029 | 968.5565 | 2 | 0.0000 | 0.0408 | 3,585.99 | 3 | ADA7GRDERL,ADA7EFFLLD,ADA7LRWWRY,NDM | 667,523 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-8663-13896_13896 | 207 | 214 |
| TRUE | 0.1347 | [K]YQTLLALHK[S] | 98% | 1.7211 | 0.5195 | | 366.8859 | 1097.6855 | 3 | 0.0008 | 0.7053 | 5,992.38 | 5 | ADA7GRDERL,ADA7EFFLLD,ADA7KLYGLV,ADA7LRWWRY,NDM,ADA7LYRFKD | 149,633 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-19900-20 PM_25790 | 238 | 246 |
| TRUE | 0.1347 | [K]YQTLLALHK[S] | 97% | 1.5268 | 0.6154 | | 366.8851 | 1097.6842 | 3 | 0.0006 | 0.5802 | 4,996.11 | 5 | ADA7GRDERL,ADA7EFFLLD,ADA7KLYGLV,ADA7LRWWRY,NDM,ADA7LYRFKD | 149,942 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-19922-27555_27555 | 238 | 246 |
| TRUE | 0.1107 | [K]DNPNYRL[L] | 96% | 1.4966 | 0.7985 | | 318.7721 | 895.6256 | 2 | 0.0014 | 4.6660 | 5,075.25 | 4 | ADA7GRDERL,ADA7EFFLLD,ADA7LRWWRY,NDM | 814,219 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-8450-13862_13862 | 418 | 426 |
| TRUE | 0.1312 | [K]VGSNYNYLYRL[L] | 95% | 3.5527 | 0.8569 | | 609.7979 | 1217.5812 | 2 | -0.0017 | -1.4110 | 4,954.07 | 4 | ADA7LRAWRL,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 622,786 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-15651-23162_23162 | 445 | 456 |
| TRUE | 0.1312 | [K]VGSNYNYLYRL[L] | 91% | 2.2302 | 0.6896 | | 609.7980 | 1217.5812 | 2 | 0.0006 | 0.5005 | 4,568.58 | 4 | ADA7LRAWRL,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 250,653 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-12887-21677 | 445 | 456 |
| TRUE | 0.0577 | [K]YVVGSFDSLAWNTNSFNDR | 98% | 4.5895 | 0.8570 | Carbamidomethyl (+57) | 679.7122 | 2036.5146 | 3 | 0.0016 | 0.7852 | 6,368.88 | 3 | ADA7YDFLLD,ADA7YDFLLD,ADA7LRWWRY,NDM | 556,905 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-19427-32777_32777 | 510 | 528 |
| TRUE | 0.0577 | [K]YVVGSFDSLAWNTNSFNDR | 97% | 4.5779 | 0.8969 | Carbamidomethyl (+57) | 679.7122 | 2036.5146 | 3 | 0.0016 | 0.7852 | 6,373.35 | 3 | ADA7YDFLLD,ADA7YDFLLD,ADA7LRWWRY,NDM | 651,551 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-17505-30481_30481 | 510 | 528 |
| TRUE | 0.0755 | [K]FCPQQFQSN[D] | 93% | 1.6728 | 0.8595 | | 530.9532 | 1138.5938 | 2 | 0.0014 | 1.2070 | 5,689.66 | 3 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM | 203,595 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-15579-23181_23181 | 559 | 567 |
| TRUE | 0.0755 | [K]FCPQQFQSN[D] | 91% | 1.6728 | 0.7926 | | 530.9535 | 1138.5938 | 2 | 0.0002 | 0.2502 | 5,689.56 | 3 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM | 474,983 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-19457-30141_30141 | 559 | 567 |
| TRUE | 0.0755 | [K]FCPQQFQSN[D] | 91% | 1.2758 | 0.5935 | | 530.9535 | 1138.5935 | 2 | 0.0000 | 0.0290 | 5,689.88 | 4 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM | 386,297 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-20850-32195_32195 | 559 | 567 |
| TRUE | 0.0678 | [K]VTSTSSWVDYQ[N] | 91% | 2.2352 | 0.8099 | | 676.8387 | 1347.6629 | 2 | 0.0004 | 0.2756 | 6,129.35 | 4 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 732,431 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-16806-25926_25926 | 609 | 626 |
| TRUE | 0.1007 | [K]ALTSGVRSTQSRNTSFSFVQENSD | 99% | 4.6192 | 0.8899 | | 760.7925 | 2280.3756 | 3 | 0.0021 | 1.0260 | 5,619.28 | 2 | ADA7DDVRNR,ADA7LRWWRY,NDM | 180,807 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-21481-30146_30146 | 766 | 788 |
| TRUE | 0.0723 | [K]EIRSSLFNEQ[S] | 93% | 2.9327 | 0.7587 | | 613.3266 | 1224.6386 | 2 | -0.0005 | -0.4274 | 6,581.94 | 4 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 682,570 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-18891-30.198_30198 | 816 | 825 |
| TRUE | 0.1461 | [K]YDKVFRDSSYYQSTQLQFSSVEVN | 95% | 2.8169 | 0.5309 | Carbamidomethyl (+57) | 747.7600 | 2240.2071 | 3 | 0.0025 | 1.0960 | 6,736.67 | 2 | ADA7DDVRNR,ADA7LRWWRY,NDM | 61,962 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-25750-37146_37146 | 816 | 835 |
| TRUE | 0.0642 | [K]ESQSLGSLGSNAR[D] | 93% | 2.7982 | 0.6205 | Carbamidomethyl (+57) | 669.8095 | 1337.6045 | 2 | 0.0008 | 0.6205 | 4,459.36 | 5 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 679,192 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-15892-23881_23881 | 836 | 847 |
| TRUE | 0.0736 | [K]LNNVSNTSVAVLQ | 93% | 1.6366 | 0.5314 | | 638.9015 | 1274.6874 | 2 | 0.0008 | 1.2190 | 5,602.87 | 4 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 152,905 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-16869-26976_26976 | 912 | 925 |
| TRUE | 0.0736 | [K]LNNVSNTSVAVLQ | 91% | 2.5254 | 0.7709 | | 638.9040 | 1274.6874 | 2 | -0.0019 | -0.7904 | 4,598.59 | 4 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 109,265 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-17969-28117_28117 | 912 | 924 |
| TRUE | 0.0921 | [K]QEQLLESTASALQKQ | 93% | 1.5868 | 0.8227 | | 589.9017 | 1176.7888 | 2 | 0.0003 | 0.6252 | 3,970.05 | 3 | ADA7LRAWRL,ADA7EFFLLD,ADA7LRWWRY,NDM | 173,435 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-13727-23686_23686 | 913 | 927 |
| TRUE | 0.0716 | [K]QSRVYNDAVQKAIDAYKQ[S] | 93% | 2.6419 | 0.8966 | | 934.5165 | 1867.0185 | 2 | 0.0021 | 1.1020 | 5,475.09 | 3 | ADA7YDFLLD,ADA7YDFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 157,139 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-17736-30754_30754 | 968 | 984 |
| TRUE | 0.0716 | [K]QSRVYNDAVQKAIDAYKQ[S] | 91% | 1.2396 | 0.6800 | | 934.5166 | 1867.0185 | 2 | 0.0022 | 1.2020 | 5,391.22 | 3 | ADA7YDFLLD,ADA7YDFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 84,132 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-18513-28880_28880 | 968 | 984 |
| TRUE | 0.0728 | [K]LDSLQTYVTQQLIRQ[A] | 93% | 1.5565 | 0.8021 | | 910.9779 | 1819.9412 | 2 | 0.0006 | 0.6269 | 6,235.25 | 3 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM | 761,991 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-19215-31782_31782 | 1001 | 1018 |
| TRUE | 0.0767 | [K]DSLNNLAATDA[A] | 93% | 2.3295 | 0.5915 | | 610.7581 | 1829.6619 | 2 | 0.0012 | 1.0390 | 2,315.54 | 3 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM | 268,957 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-9353-15962_15962 | 1000 | 1028 |
| TRUE | 0.0767 | [K]DSLNNLAATDA[A] | 91% | 1.8263 | 0.5742 | | 610.7581 | 1829.6619 | 2 | 0.0012 | 1.2220 | 2,595.69 | 3 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM | 230,220 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-9429-16361_16361 | 1000 | 1028 |
| TRUE | 0.0797 | [K]FDRSHSQEQQ[S] | 90% | 2.2057 | 0.6023 | Carbamidomethyl (+57) | 442.2182 | 880.4218 | 2 | 0.0009 | 0.9616 | 2,607.14 | 3 | ADA7GRRRRL,ADA7EFFLLD,ADA7LRWWRY,NDM | 457,414 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-6752-11605_11605 | 1009 | 1025 |
| **Dulbecco glycoprotein Ob-boxes acute respiratory syndrome coronavirus 2 ORF-2B/9ORF Ob-1 PFL-0 SO-1 ADCFGRLEEI** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.1141 | [K]TQLPNAYTNSFTR[G] | 93% | 2.1875 | 0.7608 | | 738.0802 | 1496.7499 | 2 | 0.0008 | 0.5413 | 6,627.22 | 5 | ADA7GRDERL,ADA7EFFLLD,ADA7KLYGLV,ADA7LRWWRY,NDM,ADA7LYRFKD | 267,798 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-16863-25142_25142 | 22 | 36 |
| TRUE | 0.1710 | [K]VDFCGKGYHLM[S] | 93% | 2.5868 | 0.8511 | | 612.8572 | 1223.6288 | 2 | 0.0003 | 0.6912 | 6,394.05 | 4 | ADA7TLAAWG,ADA7LRDFDE,ADA7EFFLLD,ADA7LRWWRY,NDM | 262,603 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-16889-26386_26386 | 103 | 115 |
| TRUE | 0.1710 | [K]VDFCGKGYHLM[S] | 91% | 1.8062 | 0.7146 | | 612.8572 | 1223.6288 | 2 | 0.0002 | 0.7976 | 6,017.86 | 4 | ADA7TLAAWG,ADA7LRDFDE,ADA7EFFLLD,ADA7LRWWRY,NDM | 157,280 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-16899-26368_26368 | 103 | 115 |
| TRUE | 0.1368 | [K]VGWMGRFR[Y] | 93% | 1.6419 | 0.9012 | | 536.2332 | 1070.4664 | 2 | 0.0003 | 0.6232 | 5,979.05 | 4 | ADA7LRAWRL,ADA7EFFLLD,ADA7LRWWRY,NDM | 305,920 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-19829-29.197_29197 | 559 | 567 |
| TRUE | 0.1539 | [K]PTLLALHRL[S] | 98% | 1.7411 | 0.5229 | | 366.8860 | 1097.6855 | 3 | 0.0008 | 0.7053 | 4,992.38 | 5 | ADA7GRDERL,ADA7EFFLLD,ADA7KLYGLV,ADA7LRWWRY,NDM,ADA7LYRFKD | 149,633 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-19900-20 PM_25790 | 238 | 246 |
| TRUE | 0.1539 | [K]PTLLALHRL[S] | 97% | 1.5268 | 0.6154 | | 366.8851 | 1097.6842 | 3 | 0.0006 | 0.5802 | 4,996.11 | 5 | ADA7GRDERL,ADA7EFFLLD,ADA7KLYGLV,ADA7LRWWRY,NDM,ADA7LYRFKD | 149,942 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-19922-27555_27555 | 238 | 246 |
| TRUE | 0.1101 | [K]DSTDDTDFVD | 93% | 2.0250 | 0.7960 | | 510.2771 | 1586.5317 | 2 | 0.0001 | 0.0230 | 5,861.60 | 4 | ADA7YDFLLD,ADA7YDFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 905,160 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-12760-20362_20362 | 311 | 319 |
| TRUE | 0.1101 | [K]DSTDDTDFVD | 91% | 1.4220 | 0.5169 | | 514.7902 | 1027.5692 | 2 | 0.0004 | 0.8678 | 5,619.23 | 4 | ADA7YDFLLD,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 168,668 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-10778-17586_17586 | 320 | 328 |
| TRUE | 0.1101 | [K]DSTDDTDFVD | 91% | 1.5907 | 0.5161 | | 514.7902 | 1027.5692 | 2 | 0.0005 | 0.8865 | 5,619.18 | 4 | ADA7YDFLLD,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 263,935 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-7963-10852_10852 | 320 | 328 |
| TRUE | 0.1101 | [K]DSTDDTDFVD | 91% | 1.0882 | 0.3171 | | 514.7902 | 1027.5692 | 2 | 0.0004 | 0.8678 | 5,392.50 | 4 | ADA7YDFLLD,ADA7EFFLLD,ADA7LRWWRY,NDM,ADA7LYRFKD | 125,342 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-7852-10296_10296 | 320 | 328 |
| TRUE | 0.1166 | [K]YDKVFRDSSYY | 93% | 1.8558 | 0.8986 | | 318.7721 | 895.6278 | 2 | 0.0005 | 1.5760 | 5,509.16 | 4 | ADA7SLRDRR,ADA7EFFLLD,ADA7LRWWRY,NDM | 1,115,660 | g_Inactivated_PMLeaa-P_Treated_Purified Virus_2-9372

# Identified M proteins

| Bio Sample Category / Sequence Coverage [a] | Protein | Accession | Category/Bio Sample | Protein identification probability (Prob) | Exclusive unique peptide count (#Pep) | Exclusive unique spectrum count (#Unique) | Total spectrum count (#Spec) | Percentage of total spectra (%Spec) | Percentage of amino acids identified (%Cov) | Protein molecular mass (kDa) |
|---|---|---|---|---|---|---|---|---|---|---|
| **1_Control_Purified_Virions** | | | | | | | | | | |
| A0A7M1HLZ4 (64%), 25,215.5 Da<br>Membrane glycoprotein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=4 SV=1<br>0 exclusive unique peptides, 0 exclusive unique spectra, 1 total spectra, 22/222 amino acids (10% coverage)<br>M S D S N G T I T V E E L K K L L E Q W N L V I G F L F L T W I C L L Q F A Y A N R N R F L Y I I K L I F L W L L W P V T L A C F V L A A V Y R I N W I T G G I<br>A I A M A C L V G L M W L S Y F I A S F R L F A R T R S M W S F N P E T N I L L N V P L H G T I X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X I A G H H L G R C D<br>I K D L P K E I T V A T S R T L S Y Y K L G A S Q R V A G D S G F A A Y S R Y R I G N Y K L N T D H S S S S D N I A L L V Q | Membrane glycoprotein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=4 SV=1 | A0A7M1HLZ4 | 1_Control_Purified_virons_1 | 64% | 0 | 0 | 1 | 0.0021% | 9.9% | 25 kDa |
| A0A6M4NE17 (40%), 25,149.2 Da<br>Membrane protein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=3 SV=1<br>0 exclusive unique peptides, 0 exclusive unique spectra, 1 total spectra, 22/222 amino acids (10% coverage)<br>M A D S N G T I T V E E L K K L L E Q W N L V I G F L F L T W I C L L Q F A Y A N R N R F L Y I I K L I F L W L L W P V T L A C F V L A A V Y R I N W I T G G I<br>A I A M A C L V G L M W L S Y F I A S F R L F A R T R S M W S F D P E T N I L L N V P L H G T I L T R P L L E S E L V I G A V I L R G H L R I A G H H L G R C D<br>I K D L P K E I T V A T S R T L S Y Y K L G A S Q R V A G D S G F A A Y S R Y R I G N Y K L N T D H S S S S D N I A L L V Q | Membrane protein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=3 SV=1 | A0A6M4NE17 | 1_Control_Purified_virons_1 | 40% | 0 | 0 | 1 | 0.0021% | 9.9% | 25 kDa |
| **2_Mock_Treated_Purified_Virions** | | | | | | | | | | |
| A0A7M1HLZ4 (71%), 25,215.5 Da<br>Membrane glycoprotein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=4 SV=1<br>0 exclusive unique peptides, 0 exclusive unique spectra, 3 total spectra, 38/222 amino acids (17% coverage)<br>M S D S N G T I T V E E L K K L L E Q W N L V I G F L F L T W I C L L Q F A Y A N R N R F L Y I I K L I F L W L L W P V T L A C F V L A A V Y R I N W I T G G I<br>A I A M A C L V G L M W L S Y F I A S F R L F A R T R S M W S F N P E T N I L L N V P L H G T I X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X I A G H H L G R C D<br>I K D L P K E I T V A T S R T L S Y Y K L G A S Q R V A G D S G F A A Y S R Y R I G N Y K L N T D H S S S S D N I A L L V Q | Membrane glycoprotein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=4 SV=1 | A0A7M1HLZ4 | 2_Mock_Purified_Virons_mock_treated_1 | 71% | 0 | 0 | 3 | 0.0063% | 17.1% | 25 kDa |
| A0A6M4NE17 (40%), 25,149.2 Da<br>Membrane protein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=3 SV=1<br>0 exclusive unique peptides, 0 exclusive unique spectra, 3 total spectra, 38/222 amino acids (17% coverage)<br>M A D S N G T I T V E E L K K L L E Q W N L V I G F L F L T W I C L L Q F A Y A N R N R F L Y I I K L I F L W L L W P V T L A C F V L A A V Y R I N W I T G G I<br>A I A M A C L V G L M W L S Y F I A S F R L F A R T R S M W S F D P E T N I L L N V P L H G T I L T R P L L E S E L V I G A V I L R G H L R I A G H H L G R C D<br>I K D L P K E I T V A T S R T L S Y Y K L G A S Q R V A G D S G F A A Y S R Y R I G N Y K L N T D H S S S S D N I A L L V Q | Membrane protein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=3 SV=1 | A0A6M4NE17 | 2_Mock_Purified_Virons_mock_treated_1 | 46% | 0 | 0 | 3 | 0.0063% | 17.1% | 25 kDa |
| **3_PNGase-F_Treated_Purified_Virions** | | | | | | | | | | |
| A0A7M1HLZ4 (96%), 25,215.5 Da<br>Membrane glycoprotein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=4 SV=1<br>0 exclusive unique peptides, 0 exclusive unique spectra, 15 total spectra, 53/222 amino acids (24% coverage)<br>M S D S N G T I T V E E L K K L L E Q W N L V I G F L F L T W I C L L Q F A Y A N R N R F L Y I I K L I F L W L L W P V T L A C F V L A A V Y R I N W I T G G I<br>A I A M A C L V G L M W L S Y F I A S F R L F A R T R S M W S F N P E T N I L L N V P L H G T I X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X I A G H H L G R C D<br>I K D L P K E I T V A T S R T L S Y Y K L G A S Q R V A G D S G F A A Y S R Y R I G N Y K L N T D H S S S S D N I A L L V Q | Membrane glycoprotein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=4 SV=1 | A0A7M1HLZ4 | 3_PNG+_purified_virons_PNGase-F_treated_1 | 96% | 0 | 0 | 15 | 0.0314% | 23.9% | 25 kDa |
| A0A6M4NE17 (97%), 25,149.2 Da<br>Membrane protein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=3 SV=1<br>0 exclusive unique peptides, 0 exclusive unique spectra, 15 total spectra, 53/222 amino acids (24% coverage)<br>M A D S N G T I T V E E L K K L L E Q W N L V I G F L F L T W I C L L Q F A Y A N R N R F L Y I I K L I F L W L L W P V T L A C F V L A A V Y R I N W I T G G I<br>A I A M A C L V G L M W L S Y F I A S F R L F A R T R S M W S F D P E T N I L L N V P L H G T I L T R P L L E S E L V I G A V I L R G H L R I A G H H L G R C D<br>I K D L P K E I T V A T S R T L S Y Y K L G A S Q R V A G D S G F A A Y S R Y R I G N Y K L N T D H S S S S D N I A L L V Q | Membrane protein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=3 SV=1 | A0A6M4NE17 | 3_PNG+_purified_virons_PNGase-F_treated_1 | 97% | 0 | 0 | 15 | 0.0314% | 23.9% | 25 kDa |
| **4_Inactivated PNGase-F_Treated_Purified_Virions** | | | | | | | | | | |
| A0A7M1HLZ4 (92%), 25,215.5 Da<br>Membrane glycoprotein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=4 SV=1<br>0 exclusive unique peptides, 0 exclusive unique spectra, 13 total spectra, 45/222 amino acids (20% coverage)<br>M S D S N G T I T V E E L K K L L E Q W N L V I G F L F L T W I C L L Q F A Y A N R N R F L Y I I K L I F L W L L W P V T L A C F V L A A V Y R I N W I T G G I<br>A I A M A C L V G L M W L S Y F I A S F R L F A R T R S M W S F N P E T N I L L N V P L H G T I X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X X I A G H H L G R C D<br>I K D L P K E I T V A T S R T L S Y Y K L G A S Q R V A G D S G F A A Y S R Y R I G N Y K L N T D H S S S S D N I A L L V Q | Membrane glycoprotein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=4 SV=1 | A0A7M1HLZ4 | 4_Inactiv_purified_virons_PNGase-F_inactivated_1 | 92% | 0 | 0 | 13 | 0.0303% | 20.3% | 25 kDa |
| A0A6M4NE17 (37%), 25,149.2 Da<br>Membrane protein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=3 SV=1<br>0 exclusive unique peptides, 0 exclusive unique spectra, 13 total spectra, 45/222 amino acids (20% coverage)<br>M A D S N G T I T V E E L K K L L E Q W N L V I G F L F L T W I C L L Q F A Y A N R N R F L Y I I K L I F L W L L W P V T L A C F V L A A V Y R I N W I T G G I<br>A I A M A C L V G L M W L S Y F I A S F R L F A R T R S M W S F D P E T N I L L N V P L H G T I L T R P L L E S E L V I G A V I L R G H L R I A G H H L G R C D<br>I K D L P K E I T V A T S R T L S Y Y K L G A S Q R V A G D S G F A A Y S R Y R I G N Y K L N T D H S S S S D N I A L L V Q | Membrane protein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=3 SV=1 | A0A6M4NE17 | 4_Inactiv_purified_virons_PNGase-F_inactivated_1 | 37% | 0 | 0 | 13 | 0.0303% | 20.3% | 25 kDa |

[a] The identified peptides are highlighted in orange; modified Cys residues are highlighted in green.

[b] NDM, Asn to Asp modification. The NDM annotation was manually added following the accession number of the original Spike sequence to indicate that the asparagine (N) residues were in-silico-modified to aspartic acid (D) by an in-house script, to account for an experimental *N*-deglycosylation by PNGase-F treatment.

# Identified M Peptides

| Valid | Weight | Sequence [a] | Protein identification probability (Prob) | SEQUEST XCorr | SEQUEST deltaCn | Modifications | Observed Mass (Da) | Actual Mass (Da) | Charge | Delta Da | Delta PPM | Retention Time | # Other Proteins | Other Proteins | Total Ion Chromatogram (TIC) | Spectrum ID | Peptide Start Index | Peptide Stop Index |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **1_Control_Purified_Virions** | | | | | | | | | | | | | | | | | | |
| **Membrane glycoprotein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=4 SV=1 Accession A0A7M1HLZ4** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.2233 | (R)IGNYKLNTDHSSSSDNIALLVQ(-) | 99% | 3.4264 | 0.7533 | | 797.0711 | 2388.1915 | 3 | -0.0008 | -0.3271 | 5,502.49 | 1 | A0A6M4NE17 | 5,133,970 | 1_Control_Purified_Virions_1-21185-30704_30704 | 201 | 222 |
| **Membrane protein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=3 SV=1 Accession A0A6M4NE17** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.1169 | (R)IGNYKLNTDHSSSSDNIALLVQ(-) | 99% | 3.4264 | 0.7533 | | 797.0711 | 2388.1915 | 3 | -0.0008 | -0.3271 | 5,502.49 | 1 | A0A7M1HLZ4 | 5,133,970 | 1_Control_Purified_Virions_1-21185-30704_30704 | 201 | 222 |
| **2_Mock_Treated_Purified_Virions** | | | | | | | | | | | | | | | | | | |
| **Membrane glycoprotein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=4 SV=1 Accession A0A7M1HLZ4** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.1850 | (R)cDIKDLPKEITVATSR(T) | 96% | 4.3560 | 0.8228 | Carbamidomethyl (+57) | 615.9951 | 1844.9635 | 3 | -0.0034 | -1.8490 | 5,203.70 | 1 | A0A6M4NE17 | 1,115,740 | 2_Mock_Treated_Purified_Virions_2-19647-29048_29048 | 159 | 174 |
| TRUE | 0.1850 | (R)cDIKDLPKEITVATSR(T) | 96% | 1.6986 | 0.5611 | Carbamidomethyl (+57) | 462.2492 | 1844.9677 | 4 | 0.0008 | 0.4252 | 5,201.45 | 1 | A0A6M4NE17 | 260,680 | 2_Mock_Treated_Purified_Virions_1-19476-28683_28683 | 159 | 174 |
| TRUE | 0.2233 | (R)IGNYKLNTDHSSSSDNIALLVQ(-) | 96% | 4.2156 | 0.7798 | | 797.0696 | 2388.1869 | 3 | -0.0054 | -2.2430 | 5,538.09 | 1 | A0A6M4NE17 | 3,857,450 | 2_Mock_Treated_Purified_Virions_2-21573-31267_31267 | 201 | 222 |
| **Membrane protein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=3 SV=1 Accession A0A6M4NE17** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.0969 | (R)cDIKDLPKEITVATSR(T) | 96% | 4.3560 | 0.8228 | Carbamidomethyl (+57) | 615.9951 | 1844.9635 | 3 | -0.0034 | -1.8490 | 5,203.70 | 1 | A0A7M1HLZ4 | 1,115,740 | 2_Mock_Treated_Purified_Virions_2-19647-29048_29048 | 159 | 174 |
| TRUE | 0.0969 | (R)cDIKDLPKEITVATSR(T) | 96% | 1.6986 | 0.5611 | Carbamidomethyl (+57) | 462.2492 | 1844.9677 | 4 | 0.0008 | 0.4252 | 5,201.45 | 1 | A0A7M1HLZ4 | 260,680 | 2_Mock_Treated_Purified_Virions_1-19476-28683_28683 | 159 | 174 |
| TRUE | 0.1169 | (R)IGNYKLNTDHSSSSDNIALLVQ(-) | 96% | 4.2156 | 0.7798 | | 797.0696 | 2388.1869 | 3 | -0.0054 | -2.2430 | 5,538.09 | 1 | A0A7M1HLZ4 | 3,857,450 | 2_Mock_Treated_Purified_Virions_2-21573-31267_31267 | 201 | 222 |
| **3_PNGase-F_Treated_Purified_Virions** | | | | | | | | | | | | | | | | | | |
| **Membrane glycoprotein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=4 SV=1 Accession A0A7M1HLZ4** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.1935 | (R)IAGHHLGR(C) | 97% | 1.8688 | 0.7610 | | 430.7462 | 859.4779 | 2 | 0.0002 | 0.1976 | 2,003.10 | 1 | A0A6M4NE17 | 1,016,910 | 3_PNGase-F_Treated_Purified_Virions_2-5037-9778_9778 | 151 | 158 |
| TRUE | 0.1935 | (R)IAGHHLGR(C) | 96% | 1.5032 | 0.8443 | | 430.7464 | 859.4782 | 2 | 0.0004 | 0.4813 | 2,154.20 | 1 | A0A6M4NE17 | 511,700 | 3_PNGase-F_Treated_Purified_Virions_1-5322-10432_10432 | 151 | 158 |
| TRUE | 0.2037 | (R)cDIKDLPK(E) | 97% | 2.9740 | 0.7020 | Carbamidomethyl (+57) | 494.7603 | 987.5060 | 2 | -0.0002 | -0.2216 | 3,324.86 | 1 | A0A6M4NE17 | 621,187 | 3_PNGase-F_Treated_Purified_Virions_2-10827-17540_17540 | 159 | 166 |
| TRUE | 0.2037 | (R)cDIKDLPK(E) | 96% | 3.1616 | 0.6943 | Carbamidomethyl (+57) | 494.7609 | 987.5073 | 2 | 0.0011 | 1.0750 | 3,351.54 | 1 | A0A6M4NE17 | 977,911 | 3_PNGase-F_Treated_Purified_Virions_1-10298-17321_17321 | 159 | 166 |
| TRUE | 0.1750 | (K)EITVATSR(T) | 97% | 1.9847 | 0.6836 | | 438.7430 | 875.4714 | 2 | 0.0001 | 0.1589 | 2,811.65 | 1 | A0A6M4NE17 | 816,236 | 3_PNGase-F_Treated_Purified_Virions_2-8433-14430_14430 | 167 | 174 |
| TRUE | 0.1750 | (K)EITVATSR(T) | 95% | 1.8295 | 0.6244 | | 438.7429 | 875.4713 | 2 | 0.0000 | 0.0196 | 2,854.28 | 1 | A0A6M4NE17 | 646,781 | 3_PNGase-F_Treated_Purified_Virions_1-8173-14412_14412 | 167 | 174 |
| TRUE | 0.1750 | (K)EITVATSR(T) | 94% | 1.6332 | 0.5684 | | 438.7427 | 875.4709 | 2 | -0.0004 | -0.4678 | 2,832.71 | 1 | A0A6M4NE17 | 204,129 | 3_PNGase-F_Treated_Purified_Virions_2-8537-14561_14561 | 167 | 174 |
| TRUE | 0.1750 | (K)EITVATSR(T) | 93% | 1.5956 | 0.5395 | | 438.7433 | 875.4721 | 2 | 0.0009 | 0.9946 | 2,875.58 | 1 | A0A6M4NE17 | 239,368 | 3_PNGase-F_Treated_Purified_Virions_1-8276-14543_14543 | 167 | 174 |
| TRUE | 0.2266 | (R)VAGDSGFAAYSR(Y) | 97% | 3.7174 | 0.8590 | | 600.7866 | 1199.5587 | 2 | 0.0016 | 1.3490 | 3,797.55 | 1 | A0A6M4NE17 | 960,832 | 3_PNGase-F_Treated_Purified_Virions_2-13265-20551_20551 | 187 | 198 |
| TRUE | 0.2266 | (R)VAGDSGFAAYSR(Y) | 97% | 3.2595 | 0.8700 | | 600.7857 | 1199.5569 | 2 | -0.0002 | -0.1762 | 3,817.71 | 1 | A0A6M4NE17 | 713,943 | 3_PNGase-F_Treated_Purified_Virions_2-13353-20670_20670 | 187 | 198 |
| TRUE | 0.2266 | (R)VAGDSGFAAYSR(Y) | 96% | 3.7937 | 0.8743 | | 600.7866 | 1199.5587 | 2 | 0.0016 | 1.3490 | 3,826.81 | 1 | A0A6M4NE17 | 1,061,920 | 3_PNGase-F_Treated_Purified_Virions_1-12537-20227_20227 | 187 | 198 |
| TRUE | 0.2266 | (R)VAGDSGFAAYSR(Y) | 96% | 3.5872 | 0.8744 | | 600.7866 | 1199.5586 | 2 | 0.0015 | 1.2470 | 3,847.44 | 1 | A0A6M4NE17 | 315,625 | 3_PNGase-F_Treated_Purified_Virions_1-12622-20347_20347 | 187 | 198 |
| TRUE | 0.2105 | (K)LNTDHSSSSDNIALLVQ(-) | 97% | 3.2589 | 0.8944 | | 907.4501 | 1812.8856 | 2 | 0.0001 | 0.0683 | 5,253.76 | 1 | A0A6M4NE17 | 1,944,790 | 3_PNGase-F_Treated_Purified_Virions_2-21341-30121_30121 | 206 | 222 |
| TRUE | 0.2105 | (K)LNTDHSSSSDNIALLVQ(-) | 96% | 3.7648 | 0.8943 | | 907.4504 | 1812.8862 | 2 | 0.0007 | 0.4048 | 5,280.12 | 1 | A0A6M4NE17 | 2,064,470 | 3_PNGase-F_Treated_Purified_Virions_1-20099-29532_29532 | 206 | 222 |
| TRUE | 0.2105 | (K)LNTDHSSSSDNIALLVQ(-) | 95% | 1.3971 | 0.8266 | | 907.4496 | 1812.8847 | 2 | -0.0007 | -0.4028 | 5,233.12 | 1 | A0A6M4NE17 | 190,195 | 3_PNGase-F_Treated_Purified_Virions_2-21217-29982_29982 | 206 | 222 |
| **Membrane protein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=3 SV=1 A0A6M4NE17** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.1013 | (R)IAGHHLGR(C) | 97% | 1.8688 | 0.7610 | | 430.7462 | 859.4779 | 2 | 0.0002 | 0.1976 | 2,003.10 | 1 | A0A7M1HLZ4 | 1,016,910 | 3_PNGase-F_Treated_Purified_Virions_2-5037-9778_9778 | 151 | 158 |
| TRUE | 0.1013 | (R)IAGHHLGR(C) | 96% | 1.5032 | 0.8443 | | 430.7464 | 859.4782 | 2 | 0.0004 | 0.4813 | 2,154.20 | 1 | A0A7M1HLZ4 | 511,700 | 3_PNGase-F_Treated_Purified_Virions_1-5322-10432_10432 | 151 | 158 |
| TRUE | 0.1067 | (R)cDIKDLPK(E) | 97% | 2.9740 | 0.7020 | Carbamidomethyl (+57) | 494.7603 | 987.5060 | 2 | -0.0002 | -0.2216 | 3,324.86 | 1 | A0A7M1HLZ4 | 621,187 | 3_PNGase-F_Treated_Purified_Virions_2-10827-17540_17540 | 159 | 166 |
| TRUE | 0.1067 | (R)cDIKDLPK(E) | 96% | 3.1616 | 0.6943 | Carbamidomethyl (+57) | 494.7609 | 987.5073 | 2 | 0.0011 | 1.0750 | 3,351.54 | 1 | A0A7M1HLZ4 | 977,911 | 3_PNGase-F_Treated_Purified_Virions_1-10298-17321_17321 | 159 | 166 |
| TRUE | 0.0917 | (K)EITVATSR(T) | 97% | 1.9847 | 0.6836 | | 438.7430 | 875.4714 | 2 | 0.0001 | 0.1589 | 2,811.65 | 1 | A0A7M1HLZ4 | 816,236 | 3_PNGase-F_Treated_Purified_Virions_2-8433-14430_14430 | 167 | 174 |
| TRUE | 0.0917 | (K)EITVATSR(T) | 95% | 1.8295 | 0.6244 | | 438.7429 | 875.4713 | 2 | 0.0000 | 0.0196 | 2,854.28 | 1 | A0A7M1HLZ4 | 646,781 | 3_PNGase-F_Treated_Purified_Virions_1-8173-14412_14412 | 167 | 174 |
| TRUE | 0.0917 | (K)EITVATSR(T) | 94% | 1.6332 | 0.5684 | | 438.7427 | 875.4709 | 2 | -0.0004 | -0.4678 | 2,832.71 | 1 | A0A7M1HLZ4 | 204,129 | 3_PNGase-F_Treated_Purified_Virions_2-8537-14561_14561 | 167 | 174 |
| TRUE | 0.0917 | (K)EITVATSR(T) | 93% | 1.5956 | 0.5395 | | 438.7433 | 875.4721 | 2 | 0.0009 | 0.9946 | 2,875.58 | 1 | A0A7M1HLZ4 | 239,368 | 3_PNGase-F_Treated_Purified_Virions_1-8276-14543_14543 | 167 | 174 |
| TRUE | 0.1187 | (R)VAGDSGFAAYSR(Y) | 97% | 3.7174 | 0.8590 | | 600.7866 | 1199.5587 | 2 | 0.0016 | 1.3490 | 3,797.55 | 1 | A0A7M1HLZ4 | 960,832 | 3_PNGase-F_Treated_Purified_Virions_2-13265-20551_20551 | 187 | 198 |
| TRUE | 0.1187 | (R)VAGDSGFAAYSR(Y) | 97% | 3.2595 | 0.8700 | | 600.7857 | 1199.5569 | 2 | -0.0002 | -0.1762 | 3,817.71 | 1 | A0A7M1HLZ4 | 713,943 | 3_PNGase-F_Treated_Purified_Virions_2-13353-20670_20670 | 187 | 198 |
| TRUE | 0.1187 | (R)VAGDSGFAAYSR(Y) | 96% | 3.7937 | 0.8743 | | 600.7866 | 1199.5587 | 2 | 0.0016 | 1.3490 | 3,826.81 | 1 | A0A7M1HLZ4 | 1,061,920 | 3_PNGase-F_Treated_Purified_Virions_1-12537-20227_20227 | 187 | 198 |
| TRUE | 0.1187 | (R)VAGDSGFAAYSR(Y) | 96% | 3.5872 | 0.8744 | | 600.7866 | 1199.5586 | 2 | 0.0015 | 1.2470 | 3,847.44 | 1 | A0A7M1HLZ4 | 315,625 | 3_PNGase-F_Treated_Purified_Virions_1-12622-20347_20347 | 187 | 198 |
| TRUE | 0.1102 | (K)LNTDHSSSSDNIALLVQ(-) | 97% | 3.2589 | 0.8944 | | 907.4501 | 1812.8856 | 2 | 0.0001 | 0.0683 | 5,253.76 | 1 | A0A7M1HLZ4 | 1,944,790 | 3_PNGase-F_Treated_Purified_Virions_2-21341-30121_30121 | 206 | 222 |
| TRUE | 0.1102 | (K)LNTDHSSSSDNIALLVQ(-) | 96% | 3.7648 | 0.8943 | | 907.4504 | 1812.8862 | 2 | 0.0007 | 0.4048 | 5,280.12 | 1 | A0A7M1HLZ4 | 2,064,470 | 3_PNGase-F_Treated_Purified_Virions_1-20099-29532_29532 | 206 | 222 |
| TRUE | 0.1102 | (K)LNTDHSSSSDNIALLVQ(-) | 95% | 1.3971 | 0.8266 | | 907.4496 | 1812.8847 | 2 | -0.0007 | -0.4028 | 5,233.12 | 1 | A0A7M1HLZ4 | 190,195 | 3_PNGase-F_Treated_Purified_Virions_2-21217-29982_29982 | 206 | 222 |
| **4_Inactivated PNGase-F_Treated_Purified_Virions** | | | | | | | | | | | | | | | | | | |
| **4_Inactiv_purified_virons_PNGase-F_inactivated_1 A0A7M1HLZ4** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.2037 | (R)cDIKDLPK(E) | 93% | 3.3037 | 0.7293 | Carbamidomethyl (+57) | 494.7609 | 987.5072 | 2 | 0.0010 | 1.0130 | 3,349.45 | 1 | A0A6M4NE17 | 560,915 | 4_Inactivated_PNGase-F_Purified_Virions_1-10431-17072_17072 | 159 | 166 |
| TRUE | 0.2037 | (R)cDIKDLPK(E) | 91% | 2.8560 | 0.6945 | Carbamidomethyl (+57) | 494.7613 | 987.5080 | 2 | 0.0017 | 1.7540 | 3,319.89 | 1 | A0A6M4NE17 | 455,696 | 4_Inactivated_PNGase-F_Purified_Virions_2-7538-15355_15355 | 159 | 166 |
| TRUE | 0.1750 | (K)EITVATSR(T) | 93% | 1.9068 | 0.6144 | | 438.7431 | 875.4717 | 2 | 0.0004 | 0.5071 | 2,857.04 | 1 | A0A6M4NE17 | 538,508 | 4_Inactivated_PNGase-F_Purified_Virions_1-8037-14035_14035 | 167 | 174 |
| TRUE | 0.1750 | (K)EITVATSR(T) | 93% | 1.7285 | 0.6008 | | 438.7429 | 875.4712 | 2 | -0.0001 | -0.1196 | 2,877.49 | 1 | A0A6M4NE17 | 303,154 | 4_Inactivated_PNGase-F_Purified_Virions_1-8122-14152_14152 | 167 | 174 |
| TRUE | 0.1750 | (K)EITVATSR(T) | 91% | 2.1375 | 0.7169 | | 438.7428 | 875.4711 | 2 | -0.0002 | -0.1893 | 2,812.82 | 1 | A0A6M4NE17 | 2,849,730 | 4_Inactivated_PNGase-F_Purified_Virions_2-5559-12546_12546 | 167 | 174 |
| TRUE | 0.1750 | (K)EITVATSR(T) | 91% | 1.3316 | 0.5497 | | 438.7429 | 875.4712 | 2 | 0.0000 | -0.0500 | 2,833.16 | 1 | A0A6M4NE17 | 185,931 | 4_Inactivated_PNGase-F_Purified_Virions_2-5621-12647_12647 | 167 | 174 |
| TRUE | 0.2266 | (R)VAGDSGFAAYSR(Y) | 93% | 3.6994 | 0.8761 | | 600.7858 | 1199.5570 | 2 | -0.0001 | -0.0745 | 3,813.86 | 1 | A0A6M4NE17 | 794,522 | 4_Inactivated_PNGase-F_Purified_Virions_1-12627-19892_19892 | 187 | 198 |
| TRUE | 0.2266 | (R)VAGDSGFAAYSR(Y) | 93% | 3.2152 | 0.9065 | | 600.7849 | 1199.5553 | 2 | -0.0018 | -1.4980 | 3,834.60 | 1 | A0A6M4NE17 | 210,293 | 4_Inactivated_PNGase-F_Purified_Virions_1-12726-20019_20019 | 187 | 198 |
| TRUE | 0.2266 | (R)VAGDSGFAAYSR(Y) | 91% | 3.1606 | 0.8915 | | 600.7842 | 1199.5538 | 2 | -0.0033 | -2.7180 | 3,815.42 | 1 | A0A6M4NE17 | 266,334 | 4_Inactivated_PNGase-F_Purified_Virions_2-9684-18250_18250 | 187 | 198 |
| TRUE | 0.2266 | (R)VAGDSGFAAYSR(Y) | 91% | 3.3918 | 0.8489 | | 600.7862 | 1199.5578 | 2 | 0.0008 | 0.6373 | 3,794.65 | 1 | A0A6M4NE17 | 516,065 | 4_Inactivated_PNGase-F_Purified_Virions_2-9612-18138_18138 | 187 | 198 |
| TRUE | 0.2105 | (K)LNTDHSSSSDNIALLVQ(-) | 93% | 2.9937 | 0.9105 | | 907.4500 | 1812.8855 | 2 | 0.0000 | 0.0010 | 5,269.31 | 1 | A0A6M4NE17 | 1,298,710 | 4_Inactivated_PNGase-F_Purified_Virions_1-20554-29354_29354 | 206 | 222 |
| TRUE | 0.2105 | (K)LNTDHSSSSDNIALLVQ(-) | 91% | 2.4156 | 0.9355 | | 907.4504 | 1812.8862 | 2 | 0.0007 | 0.4048 | 5,269.52 | 1 | A0A6M4NE17 | 504,310 | 4_Inactivated_PNGase-F_Purified_Virions_2-17435-27593_27593 | 206 | 222 |
| TRUE | 0.2105 | (K)LNTDHSSSSDNIALLVQ(-) | 91% | 1.2895 | 0.6943 | | 907.4526 | 1812.8907 | 2 | 0.0053 | 2.8950 | 5,248.03 | 1 | A0A6M4NE17 | 82,198 | 4_Inactivated_PNGase-F_Purified_Virions_2-17310-27450_27450 | 206 | 222 |
| **Membrane protein OS=Severe acute respiratory syndrome coronavirus 2 OX=2697049 GN=M PE=3 SV=1 A0A6M4NE17** | | | | | | | | | | | | | | | | | | |
| TRUE | 0.1067 | (R)cDIKDLPK(E) | 93% | 3.3037 | 0.7293 | Carbamidomethyl (+57) | 494.7609 | 987.5072 | 2 | 0.0010 | 1.0130 | 3,349.45 | 1 | A0A7M1HLZ4 | 560,915 | 4_Inactivated_PNGase-F_Purified_Virions_1-10431-17072_17072 | 159 | 166 |
| TRUE | 0.1067 | (R)cDIKDLPK(E) | 91% | 2.8560 | 0.6945 | Carbamidomethyl (+57) | 494.7613 | 987.5080 | 2 | 0.0017 | 1.7540 | 3,319.89 | 1 | A0A7M1HLZ4 | 455,696 | 4_Inactivated_PNGase-F_Purified_Virions_2-7538-15355_15355 | 159 | 166 |
| TRUE | 0.0917 | (K)EITVATSR(T) | 93% | 1.9068 | 0.6144 | | 438.7431 | 875.4717 | 2 | 0.0004 | 0.5071 | 2,857.04 | 1 | A0A7M1HLZ4 | 538,508 | 4_Inactivated_PNGase-F_Purified_Virions_1-8037-14035_14035 | 167 | 174 |
| TRUE | 0.0917 | (K)EITVATSR(T) | 93% | 1.7285 | 0.6008 | | 438.7429 | 875.4712 | 2 | -0.0001 | -0.1196 | 2,877.49 | 1 | A0A7M1HLZ4 | 303,154 | 4_Inactivated_PNGase-F_Purified_Virions_1-8122-14152_14152 | 167 | 174 |
| TRUE | 0.0917 | (K)EITVATSR(T) | 91% | 2.1375 | 0.7169 | | 438.7428 | 875.4711 | 2 | -0.0002 | -0.1893 | 2,812.82 | 1 | A0A7M1HLZ4 | 2,849,730 | 4_Inactivated_PNGase-F_Purified_Virions_2-5559-12546_12546 | 167 | 174 |
| TRUE | 0.0917 | (K)EITVATSR(T) | 91% | 1.3316 | 0.5497 | | 438.7429 | 875.4712 | 2 | 0.0000 | -0.0500 | 2,833.16 | 1 | A0A7M1HLZ4 | 185,931 | 4_Inactivated_PNGase-F_Purified_Virions_2-5621-12647_12647 | 167 | 174 |
| TRUE | 0.1187 | (R)VAGDSGFAAYSR(Y) | 93% | 3.6994 | 0.8761 | | 600.7858 | 1199.5570 | 2 | -0.0001 | -0.0745 | 3,813.86 | 1 | A0A7M1HLZ4 | 794,522 | 4_Inactivated_PNGase-F_Purified_Virions_1-12627-19892_19892 | 187 | 198 |
| TRUE | 0.1187 | (R)VAGDSGFAAYSR(Y) | 93% | 3.2152 | 0.9065 | | 600.7849 | 1199.5553 | 2 | -0.0018 | -1.4980 | 3,834.60 | 1 | A0A7M1HLZ4 | 210,293 | 4_Inactivated_PNGase-F_Purified_Virions_1-12726-20019_20019 | 187 | 198 |
| TRUE | 0.1187 | (R)VAGDSGFAAYSR(Y) | 91% | 3.1606 | 0.8915 | | 600.7842 | 1199.5538 | 2 | -0.0033 | -2.7180 | 3,815.42 | 1 | A0A7M1HLZ4 | 266,334 | 4_Inactivated_PNGase-F_Purified_Virions_2-9684-18250_18250 | 187 | 198 |
| TRUE | 0.1187 | (R)VAGDSGFAAYSR(Y) | 91% | 3.3918 | 0.8489 | | 600.7862 | 1199.5578 | 2 | 0.0008 | 0.6373 | 3,794.65 | 1 | A0A7M1HLZ4 | 516,065 | 4_Inactivated_PNGase-F_Purified_Virions_2-9612-18138_18138 | 187 | 198 |
| TRUE | 0.1102 | (K)LNTDHSSSSDNIALLVQ(-) | 93% | 2.9937 | 0.9105 | | 907.4500 | 1812.8855 | 2 | 0.0000 | 0.0010 | 5,269.31 | 1 | A0A7M1HLZ4 | 1,298,710 | 4_Inactivated_PNGase-F_Purified_Virions_1-20554-29354_29354 | 206 | 222 |
| TRUE | 0.1102 | (K)LNTDHSSSSDNIALLVQ(-) | 91% | 2.4156 | 0.9355 | | 907.4504 | 1812.8862 | 2 | 0.0007 | 0.4048 | 5,269.52 | 1 | A0A7M1HLZ4 | 504,310 | 4_Inactivated_PNGase-F_Purified_Virions_2-17435-27593_27593 | 206 | 222 |
| TRUE | 0.1102 | (K)LNTDHSSSSDNIALLVQ(-) | 91% | 1.2895 | 0.6943 | | 907.4526 | 1812.8907 | 2 | 0.0053 | 2.8950 | 5,248.03 | 1 | A0A7M1HLZ4 | 82,198 | 4_Inactivated_PNGase-F_Purified_Virions_2-17310-27450_27450 | 206 | 222 |

[a] c, Modified Cys residue, as indicated in the Modifications column.