

Table S1. Identified N-linked glycopeptides and N-linked glycans in hACE2. **Table S1a,** intact N-glycopeptides identified by Orbitrap Exploris™ 480.

positio n	Peptide < ProteinMetrics Confidential >	Glycans NHFAgNa	Modification Type(s)	Observe d m/z	z	Observed (M+H)	Calc. mass (M+H)	Mass error (ppm)	Score	Scan Time
53	E. DLFYQSSLASWNYNTN[+568.212]ITE. E	HexNAc (2) Hex (1)	N[+568]	945.428	3	2834.269	2834.241	9.5	154.2	39.4194
53	E. DLFYQSSLASWNYNTN[+2643.941]ITEE. N	HexNAc (6) Hex (7) NeuAc (1)	N[+2644]	1680.344	3	5039.018	5039.014	0.8	171	78.7946
53	D. LFYQSSLASWNYNTN[+1897.682]ITEE. N	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	N[+1898]	1393.245	3	4177.72	4177.728	-1.8	168.8	60.5227
53	D. LFYQSSLASWNYNTN[+2424.867]ITEE. N	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	N[+2425]	1568.977	3	4704.916	4704.913	0.7	174.2	73.2609
53	D. LFYQSSLASWNYNTN[+2059.735]ITEE. N	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	N[+2060]	1447.265	3	4339.78	4339.78	0	194.4	73.7098
90	E. IQN[+4758.682]LTVK. L	HexNAc (9) Hex (10) Fuc (1) NeuAc (4)	N[+4759]	1394.301	4	5574.181	5574.181	0.1	150.3	27.3337
90	E. IQN[+2272.846]LTVK. L	HexNAc (8) Hex (4)	N[+2273]	1030.122	3	3088.352	3088.345	2.3	151.7	26.7095
90	E. IQN[+3009.074]LTVK. L	HexNAc (7) Hex (8) NeuAc (1)	N[+3009]	1275.527	3	3824.567	3824.572	-1.2	152.5	31.729
90	E. IQN[+3575.270]LTVK. L	HexNAc (7) Hex (7) Fuc (1) NeuAc (3)	N[+3575]	1464.264	3	4390.777	4390.768	2	153.4	31.3687
90	E. IQN[+3737.322]LTVK. L	HexNAc (7) Hex (8) Fuc (1) NeuAc (3)	N[+3737]	1518.278	3	4552.818	4552.821	-0.7	159.9	30.7444
90	E. IQN[+2756.989]LTVK. L	HexNAc (6) Hex (5) Fuc (1) NeuAc (2)	N[+2757]	1191.507	3	3572.507	3572.488	5.4	162.4	30.3154
90	E. IQN[+1850.693]LTVK. L	HexNAc (6) Hex (3) Fuc (1)	N[+1851]	889.402	3	2666.19	2666.191	-0.4	176.9	27.1811
90	E. IQN[+1298.476]LTVK. L	HexNAc (4) Hex (3)	N[+1298]	705.331	3	2113.977	2113.975	1.1	181	24.3372
90	E. IQN[+2878.015]LTVK. L	HexNAc (5) Hex (7) Fuc (1) NeuAc (2)	N[+2878]	1231.844	3	3693.517	3693.514	0.8	186.6	29.5263
90	E. IQN[+2110.793]LTVK. L	HexNAc (8) Hex (3)	N[+2111]	976.096	3	2926.272	2926.292	-6.8	189	30.2635
90	E. IQN[+2221.788]LTVK. L	HexNAc (4) Hex (6) Fuc (1) NeuAc (1)	N[+2222]	1013.106	3	3037.304	3037.286	5.9	194.3	30.807
90	E. IQN[+2352.846]LTVK. L	HexNAc (6) Hex (7)	N[+2353]	1056.787	3	3168.347	3168.345	0.7	196.5	23.2723
90	E. IQN[+1444.534]LTVK. L	HexNAc (4) Hex (3) Fuc (1)	N[+1445]	754.016	3	2260.034	2260.032	0.8	153.3	25.5574
90	E. IQN[+3284.174]LTVK. L	HexNAc (7) Hex (7) Fuc (1) NeuAc (2)	N[+3284]	1367.219	3	4099.642	4099.673	-7.5	158.1	32.87
90	E. IQN[+1460.529]LTVK. L	HexNAc (4) Hex (4)	N[+1461]	759.348	3	2276.029	2276.027	0.7	158.6	24.3548
90	E. IQN[+1704.635]LTVK. L	HexNAc (6) Hex (3)	N[+1705]	840.715	3	2520.132	2520.133	-0.6	160.2	23.93

90	E. IQN[+1866.688]LTVK. L	HexNAc (6) Hex (4)	N[+1867]	894.734	3	2682.188	2682.186	0.7	162.6	23.931
90	E. IQN[+1216.423]LTVK. L	HexNAc (2) Hex (5)	N[+1216]	677.983	3	2031.933	2031.921	5.8	163.4	21.3436
90	E. IQN[+2215.825]LTVK. L	HexNAc (7) Hex (4) Fuc (1)	N[+2216]	758.581	4	3031.303	3031.323	-6.6	166.4	24.3655
90	E. IQN[+1864.634]LTVK. L	HexNAc (2) Hex (9)	N[+1865]	670.786	4	2680.123	2680.133	-3.8	167	25.4802
90	E. IQN[+3517.228]LTVK. L	HexNAc (6) Hex (7) NeuAc (4)	N[+3517]	1444.91 6	3	4332.733	4332.726	1.6	168.2	34.1271
90	E. IQN[+3083.110]LTVK. L	HexNAc (8) Hex (9)	N[+3083]	1300.19 7	3	3898.575	3898.609	-8.7	168.3	23.5352
90	E. IQN[+1403.507]LTVK. L	HexNAc (3) Hex (4) Fuc (1)	N[+1404]	740.341	3	2219.009	2219.006	1.4	169.6	25.6989
90	E. IQN[+2100.761]LTVK. L	HexNAc (5) Hex (4) Fuc (1) NeuAc (1))	N[+2101]	972.761	3	2916.27	2916.26	3.3	174.9	28.5386
90	E. IQN[+2701.983]LTVK. L	HexNAc (7) Hex (7) Fuc (1)	N[+2702]	1173.16 9	3	3517.492	3517.482	3	176	24.8714
90	E. IQN[+2921.058]LTVK. L	HexNAc (8) Hex (8)	N[+2921]	1246.18 5	3	3736.54	3736.556	-4.4	181.6	29.2524
90	E. IQN[+2465.894]LTVK. L	HexNAc (6) Hex (5) Fuc (1) NeuAc (1))	N[+2466]	1094.47 3	3	3281.404	3281.392	3.6	182.7	27.2039
90	E. IQN[+1825.661]LTVK. L	HexNAc (5) Hex (5)	N[+1826]	881.058	3	2641.16	2641.16	0	186.7	25.9029
90	E. IQN[+1663.608]LTVK. L	HexNAc (5) Hex (4)	N[+1664]	827.04	3	2479.106	2479.107	-0.4	186.9	25.696
90	E. IQN[+2075.730]LTVK. L	HexNAc (4) Hex (6) NeuAc (1)	N[+2076]	964.415	3	2891.231	2891.228	0.7	196	26.9057
90	E. IQN[+2053.772]LTVK. L	HexNAc (7) Hex (3) Fuc (1)	N[+2054]	957.097	3	2869.276	2869.271	1.8	201.9	26.0262
90	E. IQN[+2481.889]LTVK. L	HexNAc (6) Hex (6) NeuAc (1)	N[+2482]	1099.80 4	3	3297.396	3297.387	2.7	202.3	27.1197
90	E. IQN[+2596.952]LTVK. L	HexNAc (8) Hex (6)	N[+2597]	1138.14 6	3	3412.424	3412.45	-7.7	203.7	27.076
90	E. IQN[+2586.920]LTVK. L	HexNAc (5) Hex (7) Fuc (1) NeuAc (1))	N[+2587]	1134.81 5	3	3402.431	3402.419	3.7	209.2	29.5213
90	E. IQN[+2012.745]LTVK. L	HexNAc (6) Hex (4) Fuc (1)	N[+2013]	943.42	3	2828.246	2828.244	0.7	211.2	25.255
90	E. IQN[+1809.666]LTVK. L	HexNAc (5) Hex (4) Fuc (1)	N[+1810]	875.727	3	2625.167	2625.165	0.9	211.4	24.8601
90	E. IQN[+1987.714]LTVK. L	HexNAc (5) Hex (6)	N[+1988]	935.074	3	2803.206	2803.212	-2.2	212.1	23.2902
90	E. IQN[+2245.799]LTVK. L	HexNAc (5) Hex (4) NeuAc (2)	N[+2246]	1021.11	3	3061.316	3061.298	6.1	213	30.4356
90	E. IQN[+2157.783]LTVK. L	HexNAc (6) Hex (4) NeuAc (1)	N[+2158]	991.768	3	2973.289	2973.282	2.7	213.4	27.2876
90	E. IQN[+2919.042]LTVK. L	HexNAc (6) Hex (6) Fuc (1) NeuAc (2))	N[+2919]	1245.51 9	3	3734.542	3734.54	0.5	213.4	30.9477
90	E. IQN[+2643.941]LTVK. L	HexNAc (6) Hex (7) NeuAc (1)	N[+2644]	1153.82 1	3	3459.448	3459.44	2.4	228.4	26.7789
90	E. IQN[+2190.793]LTVK. L	HexNAc (6) Hex (6)	N[+2191]	1002.76 9	3	3006.292	3006.292	-0.1	231.1	25.8561
90	E. IQN[+1954.704]LTVK. L	HexNAc (5) Hex (4) NeuAc (1)	N[+1955]	924.072	3	2770.202	2770.202	-0.1	234.8	28.3428

90	E. IQN[+2861.000]LTVK. L	HexNAc (5) Hex (6) NeuAc (3)	N[+2861]	1226. 16 9	3	3676. 491	3676. 499	-2. 1	239. 3	32. 2223
90	E. IQN[+1971. 719]LTVK. L	HexNAc (5) Hex (5) Fuc (1)	N[+1972]	929. 744	3	2787. 219	2787. 217	0. 4	239. 9	26. 6098
90	E. IQN[+2772. 984]LTVK. L	HexNAc (6) Hex (6) NeuAc (2)	N[+2773]	1196. 83 7	3	3588. 497	3588. 483	4	255. 7	29. 4221
90	E. IQN[+1784. 634]LTVK. L	HexNAc (4) Hex (6)	N[+1785]	867. 382	3	2600. 131	2600. 133	-0. 7	256. 1	23. 7045
90	E. IQN[+2627. 947]LTVK. L	HexNAc (6) Hex (6) Fuc (1) NeuAc (1)	N[+2628]	1148. 49	3	3443. 455	3443. 445	2. 8	258. 2	26. 6115
90	E. IQN[+1647. 613]LTVK. L	HexNAc (5) Hex (3) Fuc (1)	N[+1648]	821. 709	3	2463. 114	2463. 112	0. 7	259. 4	26. 4115
90	E. IQN[+2174. 798]LTVK. L	HexNAc (6) Hex (5) Fuc (1)	N[+2175]	997. 437	3	2990. 297	2990. 297	0. 1	261. 8	24. 8298
90	E. IQN[+1930. 692]LTVK. L	HexNAc (4) Hex (6) Fuc (1)	N[+1931]	916. 072	3	2746. 201	2746. 191	3. 7	262. 9	26. 9153
90	E. IQN[+2676. 952]LTVK. L	HexNAc (6) Hex (9)	N[+2677]	1164. 81 9	3	3492. 443	3492. 45	-2	266. 1	32. 2052
90	E. IQN[+1751. 624]LTVK. L	HexNAc (4) Hex (4) NeuAc (1)	N[+1752]	856. 379	3	2567. 123	2567. 123	0. 2	273	27. 4497
90	E. IQN[+2133. 772]LTVK. L	HexNAc (5) Hex (6) Fuc (1)	N[+2134]	983. 763	3	2949. 273	2949. 27	0. 9	273. 3	23. 9854
90	E. IQN[+1768. 640]LTVK. L	HexNAc (4) Hex (5) Fuc (1)	N[+1769]	862. 05	3	2584. 136	2584. 138	-0. 8	275. 8	27. 7916
90	E. IQN[+1606. 587]LTVK. L	HexNAc (4) Hex (4) Fuc (1)	N[+1607]	808. 032	3	2422. 082	2422. 085	-1. 4	277. 9	28. 4831
90	E. IQN[+1501. 555]LTVK. L	HexNAc (5) Hex (3)	N[+1502]	773. 023	3	2317. 054	2317. 054	0. 1	280. 5	24. 1969
90	E. IQN[+2028. 740]LTVK. L	HexNAc (6) Hex (5)	N[+2029]	948. 743	3	2844. 215	2844. 239	-8. 6	286. 2	28. 5649
90	E. IQN[+2789. 999]LTVK. L	HexNAc (6) Hex (7) Fuc (1) NeuAc (1)	N[+2790]	1202. 50 6	3	3605. 503	3605. 498	1. 4	288. 7	26. 7368
90	E. IQN[+2116. 756]LTVK. L	HexNAc (5) Hex (5) NeuAc (1)	N[+2117]	978. 091	3	2932. 259	2932. 255	1. 4	292. 3	28. 1483
90	E. IQN[+3372. 190]LTVK. L	HexNAc (6) Hex (7) Fuc (1) NeuAc (3)	N[+3372]	1396. 56 9	3	4187. 691	4187. 689	0. 6	301. 6	32. 3903
90	E. IQN[+4393. 550]LTVK. L	HexNAc (8) Hex (9) Fuc (1) NeuAc (4)	N[+4394]	1737. 02	3	5209. 044	5209. 049	-0. 9	302	27. 8707
90	E. IQN[+2553. 910]LTVK. L	HexNAc (5) Hex (5) Fuc (1) NeuAc (2)	N[+2554]	1123. 81	3	3369. 416	3369. 408	2. 2	304. 8	30. 9903
90	E. IQN[+2295. 824]LTVK. L	HexNAc (5) Hex (7) Fuc (1)	N[+2296]	1037. 78 4	3	3111. 337	3111. 323	4. 3	308	27. 497
90	E. IQN[+1897. 682]LTVK. L	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	N[+1898]	905. 066	3	2713. 185	2713. 181	1. 4	311. 3	27. 9663
90	E. IQN[+3226. 132]LTVK. L	HexNAc (6) Hex (7) NeuAc (3)	N[+3226]	1347. 88 4	3	4041. 638	4041. 631	1. 7	313	31. 4142
90	E. IQN[+3663. 286]LTVK. L	HexNAc (6) Hex (7) Fuc (1) NeuAc (4)	N[+3663]	1493. 59 8	3	4478. 78	4478. 784	-0. 9	317. 6	34. 034
90	E. IQN[+2204. 772]LTVK. L	HexNAc (4) Hex (5) NeuAc (2)	N[+2205]	1007. 43	3	3020. 276	3020. 271	1. 7	321. 6	30. 5253
90	E. IQN[+3007. 058]LTVK. L	HexNAc (5) Hex (6) Fuc (1) NeuAc (3)	N[+3007]	1274. 85 8	3	3822. 56	3822. 557	0. 8	323. 2	32. 9234

90	E. IQN[+2498.904]LTVK. L	HexNAc (6) Hex (7) Fuc (1)	N[+2499]	1105.47 ₃	3	3314.405	3314.402	0.7	325.6	24.1828
90	E. IQN[+1581.555]LTVK. L	HexNAc (3) Hex (6)	N[+1582]	799.69	3	2397.055	2397.054	0.7	331.4	23.9093
90	E. IQN[+2262.814]LTVK. L	HexNAc (5) Hex (5) Fuc (1) NeuAc (1)	N[+2263]	1026.77 ₇	3	3078.317	3078.313	1.3	333.7	27.4488
90	E. IQN[+2336.851]LTVK. L	HexNAc (6) Hex (6) Fuc (1)	N[+2337]	1051.45 ₇	3	3152.355	3152.35	1.8	334.3	26.7798
90	E. IQN[+3081.095]LTVK. L	HexNAc (6) Hex (7) Fuc (1) NeuAc (2)	N[+3081]	1299.54	3	3896.604	3896.593	2.9	340.1	29.5972
90	E. IQN[+3210.137]LTVK. L	HexNAc (6) Hex (6) Fuc (1) NeuAc (3)	N[+3210]	1342.55	3	4025.635	4025.636	-0.1	340.3	33.9526
90	E. IQN[+1257.449]LTVK. L	HexNAc (3) Hex (4)	N[+1257]	691.655	3	2072.95	2072.948	1.1	341.7	24.6562
90	E. IQN[+2935.037]LTVK. L	HexNAc (6) Hex (7) NeuAc (2)	N[+2935]	1250.85 ₂	3	3750.541	3750.535	1.4	347.6	28.6653
90	E. IQN[+2278.809]LTVK. L	HexNAc (5) Hex (6) NeuAc (1)	N[+2279]	1032.10 ₉	3	3094.313	3094.308	1.6	357.8	26.3222
90	E. IQN[+2424.867]LTVK. L	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	N[+2425]	1080.79 ₅	3	3240.37	3240.366	1.3	360.2	27.2019
90	E. IQN[+2715.963]LTVK. L	HexNAc (5) Hex (6) Fuc (1) NeuAc (2)	N[+2716]	1177.82 ₇	3	3531.466	3531.461	1.4	364	30.7386
90	E. IQN[+2569.905]LTVK. L	HexNAc (5) Hex (6) NeuAc (2)	N[+2570]	1129.14 ₁	3	3385.41	3385.403	1.9	385.1	29.7664
90	E. IQN[+2350.830]LTVK. L	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	N[+2351]	1056.11 ₇	3	3166.335	3166.329	1.9	394.1	30.5259
90	E. IQN[+2059.735]LTVK. L	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	N[+2060]	959.084	3	2875.237	2875.234	1.3	410.6	30.9923
90	E. IQN[+2952.052]LTVK. L	HexNAc (6) Hex (8) Fuc (1) NeuAc (1)	N[+2952]	1256.51 ₁	3	3767.52	3767.551	-8.2	437.2	30.8032
90	E. IQN[+1622.582]LTVK. L	HexNAc (4) Hex (5)	N[+1623]	813.365	3	2438.08	2438.08	-0.1	440.7	27.0403
90	E. IQN[+1913.677]LTVK. L	HexNAc (4) Hex (5) NeuAc (1)	N[+1914]	910.398	3	2729.178	2729.176	0.9	443.8	26.9121
103	K. LQLQALQQN[+4758.682]GSSVLSEDK. S	HexNAc (9) Hex (10) Fuc (1) NeuAc (4)	N[+4759]	1679.95 ₁	4	6716.781	6716.701	12	150.2	29.9744
103	K. LQLQALQQN[+2174.798]GSSVLSE. D	HexNAc (6) Hex (5) Fuc (1)	N[+2175]	1297.23 ₉	3	3889.702	3889.695	1.8	153	60.9467
103	K. LQLQALQQN[+2643.941]GSSVLSE. D	HexNAc (6) Hex (7) NeuAc (1)	N[+2644]	1453.61 ₉	3	4358.844	4358.838	1.2	157.2	61.0257
103	K. LQLQALQQN[+2262.814]GSSVLSEDK. S	HexNAc (5) Hex (5) Fuc (1) NeuAc (1)	N[+2263]	1055.96 ₆	4	4220.841	4220.833	1.7	161.1	55.4319
103	K. LQLQALQQN[+2498.904]GSSVLSEDK. S	HexNAc (6) Hex (7) Fuc (1)	N[+2499]	1486.31 ₅	3	4456.929	4456.923	1.4	168.9	51.9975

103	K. LQLQALQQN[+2157. 783]GSSVLSE. D	HexNAc (6) Hex (4) NeuAc (1)	N[+2158]	1291. 57 7	3	3872. 717	3872. 68	9. 4	169. 3	55. 0933
103	K. LQLQALQQN[+2215. 825]GSSVLSEDK. S	HexNAc (7) Hex (4) Fuc (1)	N[+2216]	1391. 95 4	3	4173. 847	4173. 844	0. 9	170. 7	51. 614
103	K. LQLQALQQN[+2627. 947]GSSVLSEDK. S	HexNAc (6) Hex (6) Fuc (1) NeuAc (1))	N[+2628]	1529. 31 3	3	4585. 924	4585. 965	-9	170. 9	55. 906
103	K. LQLQALQQN[+1704. 635]GSSVLSE. D	HexNAc (6) Hex (3)	N[+1705]	1140. 52 3	3	3419. 555	3419. 532	6. 8	178. 1	52. 2693
103	K. LQLQALQQN[+2221. 788]GSSVLSEDK. S	HexNAc (4) Hex (6) Fuc (1) NeuAc (1))	N[+2222]	1393. 94 5	3	4179. 821	4179. 807	3. 3	181. 8	56. 0365
103	K. LQLQALQQN[+2336. 851]GSSVLSEDK. S	HexNAc (6) Hex (6) Fuc (1)	N[+2337]	1432. 29	3	4294. 855	4294. 87	-3. 5	182	52. 5577
103	K. LQLQALQQN[+2157. 783]GSSVLSEDK. S	HexNAc (6) Hex (4) NeuAc (1)	N[+2158]	1372. 59 9	3	4115. 784	4115. 802	-4. 4	187. 5	52. 049
103	K. LQLQALQQN[+3083. 110]GSSVLSEDK. S	HexNAc (8) Hex (9)	N[+3083]	1681. 04 2	3	5041. 112	5041. 129	-3. 5	187. 5	57. 6949
103	K. LQLQALQQN[+2407. 852]GSSVLSEDK. S	HexNAc (5) Hex (5) NeuAc (2)	N[+2408]	1092. 22 9	4	4365. 893	4365. 871	5. 1	193. 1	52. 8445
103	K. LQLQALQQN[+1565. 560]GSSVLSEDK. S	HexNAc (3) Hex (5) Fuc (1)	N[+1566]	1175. 19 2	3	3523. 56	3523. 579	-5. 3	146. 9	58. 3024
103	K. LQLQALQQN[+1647. 613]GSSVLSE. D	HexNAc (5) Hex (3) Fuc (1)	N[+1648]	1121. 51 4	3	3362. 527	3362. 51	4. 9	149. 1	58. 5151
103	K. LQLQALQQN[+1565. 560]GSSVLSE. D	HexNAc (3) Hex (5) Fuc (1)	N[+1566]	1094. 16 2	3	3280. 472	3280. 457	4. 6	156. 5	58. 4378
103	K. LQLQALQQN[+2553. 910]GSSVLSEDK. S	HexNAc (5) Hex (5) Fuc (1) NeuAc (2))	N[+2554]	1128. 74 4	4	4511. 952	4511. 929	5. 2	157	58. 8423
103	K. LQLQALQQN[+1938. 709]GSSVLSEDK. S	HexNAc (5) Hex (3) Fuc (1) NeuAc (1))	N[+1939]	1299. 57 5	3	3896. 711	3896. 728	-4. 3	159. 6	52. 1336
103	K. LQLQALQQN[+3007. 058]GSSVLSEDK. S	HexNAc (5) Hex (6) Fuc (1) NeuAc (3))	N[+3007]	1242. 03 6	4	4965. 123	4965. 077	9. 2	161. 5	53. 3936
103	K. LQLQALQQN[+2878. 015]GSSVLSEDK. S	HexNAc (5) Hex (7) Fuc (1) NeuAc (2))	N[+2878]	1209. 75 4	4	4835. 993	4836. 034	-8. 5	162. 4	53. 1503
103	K. LQLQALQQN[+1751. 624]GSSVLSEDK. S	HexNAc (4) Hex (4) NeuAc (1)	N[+1752]	1237. 22	3	3709. 645	3709. 643	0. 5	163. 9	56. 2643
103	K. LQLQALQQN[+2133. 772]GSSVLSEDK. S	HexNAc (5) Hex (6) Fuc (1)	N[+2134]	1364. 61 3	3	4091. 825	4091. 791	8. 3	163. 9	55. 1495
103	K. LQLQALQQN[+2717. 978]GSSVLSE. D	HexNAc (7) Hex (8)	N[+2718]	1478. 29 8	3	4432. 88	4432. 875	1	166. 2	63. 4177
103	K. LQLQALQQN[+1727. 613]GSSVLSEDK. S	HexNAc (3) Hex (6) Fuc (1)	N[+1728]	1229. 21 2	3	3685. 622	3685. 632	-2. 7	170. 6	57. 9796
103	K. LQLQALQQN[+2204. 772]GSSVLSE. D	HexNAc (4) Hex (5) NeuAc (2)	N[+2205]	1307. 23 3	3	3919. 684	3919. 669	3. 8	176	64. 1773

103	K. LQLQALQQN[+1825. 661]GSSVLSE. D	HexNAc (5) Hex (5)	N[+1826]	1180. 86 2	3	3540. 572	3540. 558	3. 9	196. 5	58. 0448
103	K. LQLQALQQN[+1540. 529]GSSVLSEDK. S	HexNAc (2) Hex (7)	N[+1541]	1166. 85 9	3	3498. 562	3498. 547	4. 3	215. 5	52. 3052
103	K. LQLQALQQN[+2100. 761]GSSVLSEDK. S	HexNAc (5) Hex (4) Fuc (1) NeuAc (1))	N[+2101]	1015. 45 1	4	4058. 782	4058. 78	0. 5	215. 5	56. 3032
103	K. LQLQALQQN[+2789. 999]GSSVLSEDK. S	HexNAc (6) Hex (7) Fuc (1) NeuAc (1))	N[+2790]	950. 417	5	4748. 054	4748. 018	7. 6	216. 2	52. 3949
103	K. LQLQALQQN[+2350. 830]GSSVLSEDK. K	HexNAc (4) Hex (5) Fuc (1) NeuAc (2))	N[+2351]	1394. 25 6	3	4180. 754	4180. 754	-0. 1	216. 6	63. 5294
103	K. LQLQALQQN[+2772. 984]GSSVLSEDK. S	HexNAc (6) Hex (6) NeuAc (2)	N[+2773]	1577. 67 4	3	4731. 008	4731. 003	1. 1	225. 3	55. 1242
103	K. LQLQALQQN[+1038. 375]GSSVLSEDK. S	HexNAc (2) Hex (3) Fuc (1)	N[+1038]	999. 473	3	2996. 405	2996. 394	3. 6	238. 1	53. 6273
103	K. LQLQALQQN[+2352. 846]GSSVLSEDK. S	HexNAc (6) Hex (7)	N[+2353]	1437. 62 2	3	4310. 851	4310. 865	-3. 2	261. 2	55. 4662
103	K. LQLQALQQN[+2141. 788]GSSVLSEDK. S	HexNAc (6) Hex (3) Fuc (1) NeuAc (1))	N[+2142]	1367. 26 8	3	4099. 788	4099. 807	-4. 6	268. 6	52. 0923
103	K. LQLQALQQN[+2069. 767]GSSVLSEDK. S	HexNAc (7) Hex (4)	N[+2070]	1343. 26 3	3	4027. 775	4027. 786	-2. 6	270	55. 4001
103	K. LQLQALQQN[+2116. 756]GSSVLSEDK. S	HexNAc (5) Hex (5) NeuAc (1)	N[+2117]	1358. 93 9	3	4074. 803	4074. 775	6. 8	277. 7	56. 6259
103	K. LQLQALQQN[+2059. 735]GSSVLSEDK. K	HexNAc (4) Hex (5) Fuc (1) NeuAc (1))	N[+2060]	1297. 22 7	3	3889. 668	3889. 659	2. 2	290. 9	60. 6923
103	K. LQLQALQQN[+1825. 661]GSSVLSEDK. S	HexNAc (5) Hex (5)	N[+1826]	1261. 91	3	3783. 715	3783. 68	9. 3	299	53. 3022
103	K. LQLQALQQN[+1954. 704]GSSVLSEDK. S	HexNAc (5) Hex (4) NeuAc (1)	N[+1955]	1304. 91 8	3	3912. 74	3912. 723	4. 6	302. 9	52. 4981
103	K. LQLQALQQN[+1784. 634]GSSVLSE. D	HexNAc (4) Hex (6)	N[+1785]	1167. 19 2	3	3499. 561	3499. 531	8. 4	307. 7	57. 6197
103	K. LQLQALQQN[+1987. 714]GSSVLSE. D	HexNAc (5) Hex (6)	N[+1988]	1234. 88 6	3	3702. 644	3702. 611	9	322. 9	57. 9383
103	K. LQLQALQQN[+2569. 905]GSSVLSEDK. S	HexNAc (5) Hex (6) NeuAc (2)	N[+2570]	1509. 98 7	3	4527. 948	4527. 924	5. 3	327. 7	54. 9567
103	K. LQLQALQQN[+2221. 788]GSSVLSE. D	HexNAc (4) Hex (6) Fuc (1) NeuAc (1))	N[+2222]	1312. 89 4	3	3936. 668	3936. 685	-4. 2	328. 4	60. 8271
103	K. LQLQALQQN[+1606. 587]GSSVLSE. D	HexNAc (4) Hex (4) Fuc (1)	N[+1607]	1107. 83 5	3	3321. 489	3321. 484	1. 7	330	58. 1908
103	K. LQLQALQQN[+1897. 682]GSSVLSE. D	HexNAc (4) Hex (4) Fuc (1) NeuAc (1))	N[+1898]	1204. 87 1	3	3612. 598	3612. 579	5. 2	357. 7	61. 1657
103	K. LQLQALQQN[+1694. 603]GSSVLSEDK. S	HexNAc (3) Hex (4) Fuc (1) NeuAc (1))	N[+1695]	1218. 21 1	3	3652. 618	3652. 622	-1. 1	366. 6	56. 248

103	K. LQLQALQQN[+3007.058]GSSVLSE. D	HexNAc (5) Hex (6) Fuc (1) NeuAc (3)	N[+3007]	1574.65 7	3	4721.955	4721.955	0.1	367.7	67.5242
103	K. LQLQALQQN[+2237.783]GSSVLSEDK. S	HexNAc (4) Hex (7) NeuAc (1)	N[+2238]	1399.28 3	3	4195.835	4195.802	7.9	370	55.1321
103	K. LQLQALQQN[+3517.228]GSSVLSEDK. S	HexNAc (6) Hex (7) NeuAc (4)	N[+3517]	1825.76 9	3	5475.293	5475.247	8.5	371.5	55.3419
103	K. LQLQALQQN[+1298.476]GSSVLSE. D	HexNAc (4) Hex (3)	N[+1298]	1005.13 1	3	3013.378	3013.373	1.5	385.1	58.5432
103	K. LQLQALQQN[+2919.042]GSSVLSEDK. S	HexNAc (6) Hex (6) Fuc (1) NeuAc (2)	N[+2919]	1626.36 2	3	4877.071	4877.061	2	395	58.1962
103	K. LQLQALQQN[+2295.824]GSSVLSEDK. S	HexNAc (5) Hex (7) Fuc (1)	N[+2296]	1064.21 9	4	4253.854	4253.843	2.5	397.4	52.8385
103	K. LQLQALQQN[+2012.745]GSSVLSEDK. S	HexNAc (6) Hex (4) Fuc (1)	N[+2013]	1324.26 3	3	3970.775	3970.764	2.6	401.8	52.2875
103	K. LQLQALQQN[+1946.687]GSSVLSEDK. S	HexNAc (4) Hex (7)	N[+1947]	1302.25 1	3	3904.739	3904.706	8.4	403.9	52.2082
103	K. LQLQALQQN[+1378.476]GSSVLSEDK. S	HexNAc (2) Hex (6)	N[+1378]	1112.83 8	3	3336.5	3336.495	1.6	409.8	52.5122
103	K. LQLQALQQN[+3009.074]GSSVLSEDK. S	HexNAc (7) Hex (8) NeuAc (1)	N[+3009]	1656.36 8	3	4967.089	4967.093	-0.6	413.6	61.5342
103	K. LQLQALQQN[+1241.454]GSSVLSE. D	HexNAc (3) Hex (3) Fuc (1)	N[+1241]	986.125	3	2956.359	2956.352	2.7	419.6	58.8759
103	K. LQLQALQQN[+2407.852]GSSVLSEDK. S	HexNAc (5) Hex (5) NeuAc (2)	N[+2408]	1455.97 2	3	4365.9	4365.871	6.8	420	55.0846
103	K. LQLQALQQN[+1663.608]GSSVLSEDK. S	HexNAc (5) Hex (4)	N[+1664]	1207.88 8	3	3621.65	3621.627	6.3	431.3	52.6209
103	K. LQLQALQQN[+1241.454]GSSVLSEDK. S	HexNAc (3) Hex (3) Fuc (1)	N[+1241]	1067.16 3	3	3199.476	3199.473	0.6	431.8	53.1025
103	K. LQLQALQQN[+2424.867]GSSVLSE. D	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	N[+2425]	1380.59 3	3	4139.765	4139.764	0.2	432.5	60.8201
103	K. LQLQALQQN[+2350.830]GSSVLSE. D	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	N[+2351]	1355.91 6	3	4065.733	4065.727	1.4	460.8	64.6902
103	K. LQLQALQQN[+1809.666]GSSVLSE. D	HexNAc (5) Hex (4) Fuc (1)	N[+1810]	1175.52 8	3	3524.569	3524.563	1.8	466.6	58.1489
103	K. LQLQALQQN[+2539.930]GSSVLSEDK. S	HexNAc (7) Hex (6) Fuc (1)	N[+2540]	1499.98 9	3	4497.954	4497.949	1	466.7	55.4293
103	K. LQLQALQQN[+1216.423]GSSVLSE. D	HexNAc (2) Hex (5)	N[+1216]	977.781	3	2931.327	2931.32	2.4	466.9	58.3684
103	K. LQLQALQQN[+2715.963]GSSVLSEDK. S	HexNAc (5) Hex (6) Fuc (1) NeuAc (2)	N[+2716]	1558.67 2	3	4674.001	4673.981	4.3	482.7	58.7401
103	K. LQLQALQQN[+1897.682]GSSVLSEDK. S	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	N[+1898]	1285.90 6	3	3855.703	3855.701	0.5	484	56.4514

103	K. LQLQALQQN[+892. 317]GSSVLSEDK. S	HexNAc (2) Hex (3)	N[+892]	950. 785	3	2850. 341	2850. 336	1. 9	489. 8	52. 7836
103	K. LQLQALQQN[+2465. 894]GSSVLSEDK. S	HexNAc (6) Hex (5) Fuc (1) NeuAc (1)	N[+2466]	1475. 30 9	3	4423. 913	4423. 913	0. 1	519. 3	55. 5073
103	K. LQLQALQQN[+2553. 910]GSSVLSEDK. S	HexNAc (5) Hex (5) Fuc (1) NeuAc (2)	N[+2554]	1504. 65 9	3	4511. 962	4511. 929	7. 3	551. 2	58. 8037
103	K. LQLQALQQN[+1809. 666]GSSVLSEDK. S	HexNAc (5) Hex (4) Fuc (1)	N[+1810]	1256. 56 7	3	3767. 688	3767. 685	0. 7	555. 3	53. 382
103	K. LQLQALQQN[+1913. 677]GSSVLSE. D	HexNAc (4) Hex (5) NeuAc (1)	N[+1914]	1210. 19 6	3	3628. 574	3628. 574	-0. 1	560. 5	60. 9516
103	K. LQLQALQQN[+1971. 719]GSSVLSEDK. S	HexNAc (5) Hex (5) Fuc (1)	N[+1972]	1310. 58 5	3	3929. 74	3929. 738	0. 5	572. 5	53. 0449
103	K. LQLQALQQN[+2059. 735]GSSVLSE. D	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	N[+2060]	1258. 88 2	3	3774. 632	3774. 632	0. 1	609. 3	61. 7032
103	K. LQLQALQQN[+2619. 930]GSSVLSEDK. S	HexNAc (5) Hex (9) Fuc (1)	N[+2620]	1526. 64 6	3	4577. 923	4577. 949	-5. 8	617. 6	58. 7015
103	K. LQLQALQQN[+2204. 772]GSSVLSEDK. S	HexNAc (4) Hex (5) NeuAc (2)	N[+2205]	1388. 26 6	3	4162. 784	4162. 791	-1. 8	642. 4	58. 6856
103	K. LQLQALQQN[+2424. 867]GSSVLSEDK. S	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	N[+2425]	1461. 63 4	3	4382. 888	4382. 886	0. 3	643. 1	54. 914
103	K. LQLQALQQN[+1444. 534]GSSVLSE. D	HexNAc (4) Hex (3) Fuc (1)	N[+1445]	1053. 81 8	3	3159. 439	3159. 431	2. 6	655. 3	58. 5704
103	K. LQLQALQQN[+1054. 370]GSSVLSEDK. S	HexNAc (2) Hex (4)	N[+1054]	1004. 80 3	3	3012. 394	3012. 389	1. 5	659. 7	52. 5946
103	K. LQLQALQQN[+1768. 640]GSSVLSE. D	HexNAc (4) Hex (5) Fuc (1)	N[+1769]	1161. 85 3	3	3483. 543	3483. 537	1. 9	669. 9	57. 8519
103	K. LQLQALQQN[+1403. 507]GSSVLSEDK. S	HexNAc (3) Hex (4) Fuc (1)	N[+1404]	1121. 18 3	3	3361. 534	3361. 526	2. 2	679. 5	52. 9963
103	K. LQLQALQQN[+2350. 830]GSSVLSEDK. S	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	N[+2351]	1436. 96	3	4308. 864	4308. 849	3. 4	702. 8	58. 7406
103	K. LQLQALQQN[+2262. 814]GSSVLSEDK. S	HexNAc (5) Hex (5) Fuc (1) NeuAc (1)	N[+2263]	1407. 61 8	3	4220. 838	4220. 833	1. 1	724. 3	56. 2393
103	K. LQLQALQQN[+2789. 999]GSSVLSEDK. S	HexNAc (6) Hex (7) Fuc (1) NeuAc (1)	N[+2790]	1187. 76 8	4	4748. 048	4748. 018	6. 3	735. 3	52. 5547
103	K. LQLQALQQN[+1913. 677]GSSVLSEDK. S	HexNAc (4) Hex (5) NeuAc (1)	N[+1914]	1291. 24	3	3871. 707	3871. 696	2. 8	742. 4	55. 2081
103	K. LQLQALQQN[+2100. 761]GSSVLSEDK. S	HexNAc (5) Hex (4) Fuc (1) NeuAc (1)	N[+2101]	1353. 60 1	3	4058. 787	4058. 78	1. 6	744. 6	56. 3262
103	K. LQLQALQQN[+1622. 582]GSSVLSEDK. S	HexNAc (4) Hex (5)	N[+1623]	1194. 20 8	3	3580. 61	3580. 601	2. 6	764. 4	52. 3756
103	K. LQLQALQQN[+1095. 397]GSSVLSEDK. S	HexNAc (3) Hex (3)	N[+1095]	1018. 47 9	3	3053. 421	3053. 416	1. 9	778. 9	53. 044

103	K. LQLQALQQN[+2059. 735]GSSVLSEDK. S	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	N[+2060]	1339. 92 4	3	4017. 757	4017. 754	0. 8	795	56. 5359
103	K. LQLQALQQN[+1444. 534]GSSVLSEDK. S	HexNAc (4) Hex (3) Fuc (1)	N[+1445]	1134. 85 8	3	3402. 559	3402. 553	1. 9	802. 8	52. 8395
103	K. LQLQALQQN[+1768. 640]GSSVLSEDK. S	HexNAc (4) Hex (5) Fuc (1)	N[+1769]	1242. 89 3	3	3726. 665	3726. 658	1. 8	808. 9	52. 6642
103	K. LQLQALQQN[+1606. 587]GSSVLSEDK. S	HexNAc (4) Hex (4) Fuc (1)	N[+1607]	1188. 87 5	3	3564. 611	3564. 606	1. 6	816	52. 4532
103	K. LQLQALQQN[+1216. 423]GSSVLSEDK. S	HexNAc (2) Hex (5)	N[+1216]	1058. 82	3	3174. 445	3174. 442	1	880. 4	52. 58
322	K. FFVSVGLPN[+2772. 984]MTQGFWE. N	HexNAc (6) Hex (6) NeuAc (2)	N[+2773]	1544. 62 8	3	4631. 868	4631. 867	0. 2	187. 6	82. 0358
322	K. FFVSVGLPN[+2481. 889]MTQGFWE. N	HexNAc (6) Hex (6) NeuAc (1)	N[+2482]	1447. 59 7	3	4340. 775	4340. 772	0. 7	149. 9	78. 1548
432	D. FQEDN[+2586. 920]E. T	HexNAc (5) Hex (7) Fuc (1) NeuAc (1)	N[+2587]	1123. 42	3	3368. 246	3368. 22	7. 6	167. 4	35. 6494
432	E. DN[+2756. 989]E. T	HexNAc (6) Hex (5) Fuc (1) NeuAc (2)	N[+2757]	1045. 37 7	3	3134. 117	3134. 119	-0. 7	151. 4	30. 2855
432	E. DN[+3663. 286]E. T	HexNAc (6) Hex (7) Fuc (1) NeuAc (4)	N[+3663]	1347. 47 5	3	4040. 41	4040. 416	-1. 4	158	67. 471
432	E. DN[+2475. 926]ETE. I	HexNAc (9) Hex (4)	N[+2476]	1028. 39 1	3	3083. 157	3083. 146	3. 6	158. 5	33. 1491
432	E. DN[+4102. 455]E. T	HexNAc (8) Hex (9) Fuc (1) NeuAc (3)	N[+4102]	1493. 85 7	3	4479. 556	4479. 585	-6. 4	161. 3	49. 3174
432	E. DN[+2789. 999]E. T	HexNAc (6) Hex (7) Fuc (1) NeuAc (1)	N[+2790]	1056. 38 6	3	3167. 144	3167. 13	4. 5	162	36. 8553
432	E. DN[+3007. 058]ETE. I	HexNAc (5) Hex (6) Fuc (1) NeuAc (3)	N[+3007]	1205. 43 2	3	3614. 28	3614. 279	0. 4	164. 5	10. 6726
432	E. DN[+2069. 767]ETE. I	HexNAc (7) Hex (4)	N[+2070]	892. 996	3	2676. 972	2676. 988	-5. 7	167. 7	27. 5966
432	E. DN[+2262. 814]ETE. I	HexNAc (5) Hex (5) Fuc (1) NeuAc (1)	N[+2263]	957. 35	3	2870. 034	2870. 035	-0. 3	170. 9	10. 2122
432	E. DN[+2336. 851]ETE. I	HexNAc (6) Hex (6) Fuc (1)	N[+2337]	982. 028	3	2944. 07	2944. 072	-0. 7	153	8. 1334
432	E. DN[+2935. 037]ETE. I	HexNAc (6) Hex (7) NeuAc (2)	N[+2935]	1181. 42 6	3	3542. 263	3542. 257	1. 6	154. 2	26. 9932
432	E. DN[+2350. 830]ETE. I	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	N[+2351]	986. 688	3	2958. 05	2958. 051	-0. 3	155. 8	10. 6035
432	E. DN[+3226. 132]ETE. I	HexNAc (6) Hex (7) NeuAc (3)	N[+3226]	1278. 46	3	3833. 366	3833. 353	3. 3	155. 8	29. 1784
432	E. DN[+2627. 947]ETE. I	HexNAc (6) Hex (6) Fuc (1) NeuAc (1)	N[+2628]	1079. 06 2	3	3235. 173	3235. 167	1. 7	173. 2	12. 3292
432	E. DN[+2789. 999]ETE. I	HexNAc (6) Hex (7) Fuc (1) NeuAc (1)	N[+2790]	1133. 07 9	3	3397. 221	3397. 22	0. 4	233. 8	9. 6115

432	E. DN[+2424. 867]ETE. I	HexNAc (5) Hex (6) Fuc (1) NeuAc (1))	N[+2425]	1011. 36 8	3	3032. 09	3032. 088	0. 8	248. 3	8. 0883
432	E. DN[+2715. 963]ETE. I	HexNAc (5) Hex (6) Fuc (1) NeuAc (2))	N[+2716]	1108. 4	3	3323. 185	3323. 183	0. 6	266	9. 6105
432	E. DN[+3081. 095]ETE. I	HexNAc (6) Hex (7) Fuc (1) NeuAc (2))	N[+3081]	1230. 11 1	3	3688. 319	3688. 315	1	301. 6	10. 5685
432	D. N[+3081. 095]E. T	HexNAc (6) Hex (7) Fuc (1) NeuAc (2))	N[+3081]	1115. 07 8	3	3343. 221	3343. 198	6. 7	150. 1	31. 1395
432	D. N[+2935. 037]E. T	HexNAc (6) Hex (7) NeuAc (2)	N[+2935]	1066. 38 8	3	3197. 149	3197. 14	2. 8	152	21. 5619
432	D. N[+2878. 015]ETEINFLK. Q	HexNAc (5) Hex (7) Fuc (1) NeuAc (2))	N[+2878]	1366. 89 6	3	4098. 674	4098. 668	1. 6	152. 5	55. 0779
432	D. N[+4028. 418]E. T	HexNAc (7) Hex (8) Fuc (1) NeuAc (4))	N[+4028]	1430. 84 3	3	4290. 513	4290. 521	-1. 8	153. 2	72. 3657
432	D. N[+2596. 952]ETE. I	HexNAc (8) Hex (6)	N[+2597]	1030. 38 9	3	3089. 153	3089. 146	2. 4	154. 1	33. 4035
432	D. N[+3284. 174]ETE. I	HexNAc (7) Hex (7) Fuc (1) NeuAc (2))	N[+3284]	1259. 46 1	3	3776. 368	3776. 368	0	154. 9	45. 4341
432	D. N[+2059. 735]ETE. I	HexNAc (4) Hex (5) Fuc (1) NeuAc (1))	N[+2060]	851. 312	3	2551. 921	2551. 929	-3	156	23. 7726
432	D. N[+3210. 137]ETE. I	HexNAc (6) Hex (6) Fuc (1) NeuAc (3))	N[+3210]	1234. 79 6	3	3702. 372	3702. 331	11	158. 3	26. 702
432	D. N[+2717. 978]E. T	HexNAc (7) Hex (8)	N[+2718]	994. 038	3	2980. 1	2980. 082	6. 1	158. 4	20. 7441
432	D. N[+2262. 814]ETEINFLK. Q	HexNAc (5) Hex (5) Fuc (1) NeuAc (1))	N[+2263]	1161. 82 5	3	3483. 459	3483. 466	-2. 1	160. 9	53. 003
432	D. N[+2772. 984]ETE. I	HexNAc (6) Hex (6) NeuAc (2)	N[+2773]	1089. 06	3	3265. 167	3265. 178	-3. 3	160. 9	46. 5502
432	D. N[+3226. 132]E. T	HexNAc (6) Hex (7) NeuAc (3)	N[+3226]	1163. 42 1	3	3488. 247	3488. 236	3. 4	161. 2	36. 7215
432	D. N[+2627. 947]E. T	HexNAc (6) Hex (6) Fuc (1) NeuAc (1))	N[+2628]	964. 019	3	2890. 043	2890. 05	-2. 4	161. 6	13. 6736
432	D. N[+1954. 704]E. T	HexNAc (5) Hex (4) NeuAc (1)	N[+1955]	1108. 91 7	2	2216. 826	2216. 807	8. 7	162. 1	11. 884
432	D. N[+4393. 550]E. T	HexNAc (8) Hex (9) Fuc (1) NeuAc (4))	N[+4394]	1552. 54 1	3	4655. 608	4655. 653	-9. 6	162. 5	49. 2993
432	D. N[+3372. 190]ETE. I	HexNAc (6) Hex (7) Fuc (1) NeuAc (3))	N[+3372]	1288. 80 9	3	3864. 411	3864. 384	7. 2	165. 6	59. 3769
432	D. N[+3663. 286]E. T	HexNAc (6) Hex (7) Fuc (1) NeuAc (4))	N[+3663]	1309. 14 7	3	3925. 427	3925. 389	9. 8	166. 1	61. 267
432	D. N[+3007. 058]ETE. I	HexNAc (5) Hex (6) Fuc (1) NeuAc (3))	N[+3007]	875. 568	4	3499. 252	3499. 252	0	168	30. 013

432	D. N[+3276. 158]E. T	HexNAc (6) Hex (10) Fuc (1) NeuAc (1)	N[+3276]	1180. 10 2	3	3538. 292	3538. 261	8. 7	168. 5	60. 4956
432	D. N[+2586. 920]ETE. I	HexNAc (5) Hex (7) Fuc (1) NeuAc (1)	N[+2587]	1027. 04 8	3	3079. 13	3079. 114	5. 2	170. 1	31. 354
432	D. N[+2701. 983]E. T	HexNAc (7) Hex (7) Fuc (1)	N[+2702]	988. 702	3	2964. 09	2964. 087	1. 2	170. 3	1. 5992
432	D. N[+2586. 920]E. T	HexNAc (5) Hex (7) Fuc (1) NeuAc (1)	N[+2587]	950. 355	3	2849. 049	2849. 023	9. 1	170. 9	27. 0146
432	D. N[+2116. 756]E. T	HexNAc (5) Hex (5) NeuAc (1)	N[+2117]	793. 623	3	2378. 854	2378. 86	-2. 6	171. 5	25. 0614
432	D. N[+2272. 846]E. T	HexNAc (8) Hex (4)	N[+2273]	845. 656	3	2534. 952	2534. 95	1	172. 1	24. 2281
432	D. N[+3737. 322]E. T	HexNAc (7) Hex (8) Fuc (1) NeuAc (3)	N[+3737]	1333. 82 5	3	3999. 459	3999. 426	8. 3	174. 5	34. 4391
432	D. N[+2391. 857]E. T	HexNAc (5) Hex (4) Fuc (1) NeuAc (2)	N[+2392]	885. 32	3	2653. 947	2653. 96	-5. 2	174. 9	37. 9524
432	D. N[+2919. 042]ETE. I	HexNAc (6) Hex (6) Fuc (1) NeuAc (2)	N[+2919]	1137. 73 9	3	3411. 202	3411. 236	-9. 8	175. 8	35. 8359
432	D. N[+2952. 052]E. T	HexNAc (6) Hex (8) Fuc (1) NeuAc (1)	N[+2952]	1072. 04 8	3	3214. 129	3214. 156	-8. 1	176	21. 5602
432	D. N[+2861. 000]E. T	HexNAc (5) Hex (6) NeuAc (3)	N[+2861]	1041. 71 9	3	3123. 141	3123. 103	12	176. 8	19. 332
432	D. N[+2621. 984]E. T	HexNAc (9) Hex (4) Fuc (1)	N[+2622]	962. 037	3	2884. 097	2884. 087	3. 3	176. 8	24. 4959
432	D. N[+4307. 550]E. T	HexNAc (11) Hex (11) NeuAc (1)	N[+4308]	1523. 89 2	3	4569. 662	4569. 653	1. 9	178. 1	48. 4321
432	D. N[+2141. 788]ETE. I	HexNAc (6) Hex (3) Fuc (1) NeuAc (1)	N[+2142]	878. 665	3	2633. 979	2633. 982	-1	178. 8	37. 6529
432	D. N[+3594. 301]E. T	HexNAc (9) Hex (10) Fuc (1)	N[+3594]	1286. 14 1	3	3856. 407	3856. 404	0. 9	180. 8	59. 6948
432	D. N[+3007. 058]E. T	HexNAc (5) Hex (6) Fuc (1) NeuAc (3)	N[+3007]	1090. 40 1	3	3269. 189	3269. 161	8. 6	181	45. 0471
432	D. N[+3155. 132]E. T	HexNAc (7) Hex (8) Fuc (1) NeuAc (1)	N[+3155]	1139. 76 5	3	3417. 282	3417. 235	13. 7	181	36. 2736
432	D. N[+2555. 925]ETE. I	HexNAc (7) Hex (7)	N[+2556]	1016. 71 9	3	3048. 141	3048. 119	7. 3	181. 7	40. 6775
432	D. N[+2434. 899]E. T	HexNAc (8) Hex (5)	N[+2435]	899. 663	3	2696. 976	2697. 003	-9. 9	182. 2	24. 7287
432	D. N[+2100. 761]E. T	HexNAc (5) Hex (4) Fuc (1) NeuAc (1)	N[+2101]	788. 299	3	2362. 882	2362. 865	7	182. 7	25. 0975
432	D. N[+3432. 248]E. T	HexNAc (9) Hex (9) Fuc (1)	N[+3432]	1232. 11 8	3	3694. 338	3694. 351	-3. 4	184	60. 0622
432	D. N[+3081. 095]ETE. I	HexNAc (6) Hex (7) Fuc (1) NeuAc (2)	N[+3081]	1191. 76 3	3	3573. 274	3573. 288	-4	186. 1	21. 9808
432	D. N[+3155. 132]ETE. I	HexNAc (7) Hex (8) Fuc (1) NeuAc (1)	N[+3155]	1216. 44	3	3647. 315	3647. 325	-2. 7	187. 2	32. 6046

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432	D. N[+2921. 058]E. T	HexNAc (8) Hex (8)	N[+2921]	1061. 73 4	3	3183. 186	3183. 161	7. 8	187. 7	21. 5235
432	D. N[+2481. 889]ETE. I	HexNAc (6) Hex (6) NeuAc (1)	N[+2482]	992. 035	3	2974. 09	2974. 082	2. 5	190. 3	21. 4232
432	D. N[+2643. 941]ETE. I	HexNAc (6) Hex (7) NeuAc (1)	N[+2644]	1046. 05 5	3	3136. 15	3136. 135	4. 7	192. 6	21. 2972
432	D. N[+3446. 227]ETE. I	HexNAc (7) Hex (8) Fuc (1) NeuAc (2)	N[+3446]	1313. 47 1	3	3938. 399	3938. 421	-5. 4	195. 8	34. 6967
432	D. N[+2800. 031]E. T	HexNAc (9) Hex (6)	N[+2800]	1021. 38 1	3	3062. 127	3062. 135	-2. 6	151	23. 6561
432	D. N[+3866. 365]E. T	HexNAc (7) Hex (7) Fuc (1) NeuAc (4)	N[+3866]	1376. 84	3	4128. 504	4128. 468	8. 7	162. 1	47. 2004
432	D. N[+3210. 137]E. T	HexNAc (6) Hex (6) Fuc (1) NeuAc (3)	N[+3210]	1158. 09 1	3	3472. 257	3472. 241	4. 8	162. 3	21. 3575
432	D. N[+3517. 228]ETE. I	HexNAc (6) Hex (7) NeuAc (4)	N[+3517]	1337. 14 5	3	4009. 421	4009. 421	-0. 2	164. 9	29. 274
432	D. N[+2861. 000]ETE. I	HexNAc (5) Hex (6) NeuAc (3)	N[+2861]	1118. 41 2	3	3353. 22	3353. 194	7. 9	168. 7	27. 9186
432	D. N[+3517. 228]E. T	HexNAc (6) Hex (7) NeuAc (4)	N[+3517]	1260. 45 9	3	3779. 363	3779. 331	8. 5	168. 8	47. 1548
432	D. N[+2407. 852]ETE. I	HexNAc (5) Hex (5) NeuAc (2)	N[+2408]	967. 359	3	2900. 063	2900. 045	6. 2	169. 5	26. 3548
432	D. N[+2715. 963]ETE. I	HexNAc (5) Hex (6) Fuc (1) NeuAc (2)	N[+2716]	1070. 05 6	3	3208. 155	3208. 156	-0. 5	174. 5	25. 9245
432	D. N[+3372. 190]E. T	HexNAc (6) Hex (7) Fuc (1) NeuAc (3)	N[+3372]	1212. 11 4	3	3634. 328	3634. 294	9. 6	177	44. 3483
432	D. N[+3276. 158]ETE. I	HexNAc (6) Hex (10) Fuc (1) NeuAc (1)	N[+3276]	1256. 78 8	3	3768. 349	3768. 351	-0. 7	179. 9	45. 292
432	D. N[+3704. 312]E. T	HexNAc (7) Hex (6) Fuc (1) NeuAc (4)	N[+3704]	1322. 79 9	3	3966. 381	3966. 416	-8. 6	202. 1	63. 2929
432	D. N[+2935. 037]ETE. I	HexNAc (6) Hex (7) NeuAc (2)	N[+2935]	1143. 08 3	3	3427. 234	3427. 231	1	211. 6	23. 1151
546	E. GPLHKC[+57. 021]DISN[+1403. 507]STE . A	HexNAc (3) Hex (4) Fuc (1)	C[+57], N[+1404]	954. 398	3	2861. 18	2861. 176	1. 2	179. 1	33. 6922
546	E. GPLHKC[+57. 021]DISN[+1606. 587]STE . A	HexNAc (4) Hex (4) Fuc (1)	C[+57], N[+1607]	1022. 09 3	3	3064. 264	3064. 256	2. 6	177. 4	33. 8184
546	E. GPLHKC[+57. 021]DISN[+1241. 454]STE . A	HexNAc (3) Hex (3) Fuc (1)	C[+57], N[+1241]	900. 381	3	2699. 127	2699. 123	1. 5	194. 8	33. 783
546	K. C[+57. 021]DISN[+3009. 074]STE. A	HexNAc (7) Hex (8) NeuAc (1)	C[+57], N[+3009]	1312. 15 7	3	3934. 457	3934. 43	6. 8	152. 4	19. 2961
546	K. C[+57. 021]DISN[+876. 322]STE. A	HexNAc (2) Hex (2) Fuc (1)	C[+57],	901. 352	2	1801. 696	1801. 679	9. 4	157. 2	17. 1349

			N[+876]							
546	K. C[+57. 021]DISN[+2717. 978]STE. A	HexNAc (7) Hex (8)	C[+57], N[+2718]	1215. 11 4	3	3643. 328	3643. 335	-1. 8	160	19. 1528
546	K. CDISN[+3155. 132]STE. A	HexNAc (7) Hex (8) Fuc (1) NeuAc (1))	N[+3155]	1341. 83 1	3	4023. 478	4023. 467	2. 7	162. 9	18. 3031
546	K. C[+57. 021]DISN[+2278. 809]STE. A	HexNAc (5) Hex (6) NeuAc (1)	C[+57], N[+2279]	1068. 73 3	3	3204. 183	3204. 166	5. 3	163. 3	17. 8798
546	K. C[+57. 021]DISN[+2919. 042]STE. A	HexNAc (6) Hex (6) Fuc (1) NeuAc (2))	C[+57], N[+2919]	1282. 13 4	3	3844. 389	3844. 399	-2. 6	165. 5	18. 1795
546	K. C[+57. 021]DISN[+1897. 682]STE. A	HexNAc (4) Hex (4) Fuc (1) NeuAc (1))	C[+57], N[+1898]	941. 684	3	2823. 039	2823. 039	-0. 1	165. 9	18. 9049
546	K. C[+57. 021]DISN[+1913. 677]STE. A	HexNAc (4) Hex (5) NeuAc (1)	C[+57], N[+1914]	947. 016	3	2839. 033	2839. 034	-0. 4	168. 7	18. 8007
546	K. C[+57. 021]DISN[+1971. 719]STE. A	HexNAc (5) Hex (5) Fuc (1)	C[+57], N[+1972]	966. 364	3	2897. 077	2897. 076	0. 4	176. 8	10. 7149
546	K. C[+57. 021]DISN[+1809. 666]STE. A	HexNAc (5) Hex (4) Fuc (1)	C[+57], N[+1810]	912. 345	3	2735. 02	2735. 023	-1	179. 1	18. 2443
546	K. C[+57. 021]DISN[+1419. 502]STEAGQK. L	HexNAc (3) Hex (5)	C[+57], N[+1420]	910. 37	3	2729. 096	2729. 071	9	183	3. 5442
546	K. C[+57. 021]DISN[+2336. 851]STE. A	HexNAc (6) Hex (6) Fuc (1)	C[+57], N[+2337]	1088. 07 4	3	3262. 206	3262. 208	-0. 6	183. 7	19. 1381
546	K. C[+57. 021]DISN[+2789. 999]STE. A	HexNAc (6) Hex (7) Fuc (1) NeuAc (1))	C[+57], N[+2790]	1239. 12 4	3	3715. 356	3715. 356	-0. 1	196. 5	18. 4559
546	K. C[+57. 021]DISN[+2465. 894]STE. A	HexNAc (6) Hex (5) Fuc (1) NeuAc (1))	C[+57], N[+2466]	1131. 09 7	3	3391. 275	3391. 25	7. 3	147. 9	16. 1361
546	K. C[+57. 021]DISN[+2432. 884]STE. A	HexNAc (6) Hex (3) Fuc (1) NeuAc (2))	C[+57], N[+2433]	1120. 08 4	3	3358. 237	3358. 24	-1. 1	154. 9	18. 0518
546	K. C[+57. 021]DISN[+2018. 708]STE. A	HexNAc (3) Hex (6) Fuc (1) NeuAc (1))	C[+57], N[+2019]	982. 027	3	2944. 065	2944. 065	0. 1	161. 4	14. 323
546	K. C[+57. 021]DISN[+3007. 058]STE. A	HexNAc (5) Hex (6) Fuc (1) NeuAc (3))	C[+57], N[+3007]	1311. 47 6	3	3932. 412	3932. 415	-0. 7	169	19. 0259
546	K. C[+57. 021]DISN[+2772. 984]STE. A	HexNAc (6) Hex (6) NeuAc (2)	C[+57], N[+2773]	1233. 44 6	3	3698. 323	3698. 341	-4. 7	173. 3	0. 653
546	K. C[+57. 021]DISN[+1850. 693]STE. A	HexNAc (6) Hex (3) Fuc (1)	C[+57], N[+1851]	926. 021	3	2776. 047	2776. 049	-0. 7	190. 5	16. 7216
546	K. C[+57. 021]DISN[+2498. 904]STE. A	HexNAc (6) Hex (7) Fuc (1)	C[+57], N[+2499]	1142. 09 5	3	3424. 27	3424. 261	2. 7	197. 2	16. 3709
546	K. C[+57. 021]DISN[+2627. 947]STE. A	HexNAc (6) Hex (6) Fuc (1) NeuAc (1))	C[+57], N[+2628]	1185. 10 7	3	3553. 305	3553. 303	0. 5	200. 3	18. 0479
546	K. C[+57. 021]DISN[+2262. 814]STE. A	HexNAc (5) Hex (5) Fuc (1) NeuAc (1)	C[+57],	1063. 4	3	3188. 186	3188. 171	4. 7	207	17. 9651

		)	N[+2263]							
546	K. C[+57. 021]DISN[+2133. 772]STE. A	HexNAc (5) Hex (6) Fuc (1)	C[+57], N[+2134]	1020. 38 1	3	3059. 129	3059. 129	0. 1	221. 8	17. 4939
546	K. C[+57. 021]DISN[+2569. 905]STE. A	HexNAc (5) Hex (6) NeuAc (2)	C[+57], N[+2570]	1165. 76 5	3	3495. 281	3495. 261	5. 7	228. 7	18. 413
546	K. C[+57. 021]DISN[+1768. 640]STE. A	HexNAc (4) Hex (5) Fuc (1)	C[+57], N[+1769]	898. 67	3	2693. 996	2693. 996	-0. 1	250. 9	16. 9298
546	K. C[+57. 021]DISN[+892. 317]STE. A	HexNAc (2) Hex (3)	C[+57], N[+892]	909. 353	2	1817. 699	1817. 674	14	255. 6	3. 3488
546	K. C[+57. 021]DISN[+1768. 640]STEAGQK. L	HexNAc (4) Hex (5) Fuc (1)	C[+57], N[+1769]	1026. 74 2	3	3078. 211	3078. 208	0. 7	257. 2	16. 8
546	K. C[+57. 021]DISN[+3081. 095]STE. A	HexNAc (6) Hex (7) Fuc (1) NeuAc (2)	C[+57], N[+3081]	1336. 15 1	3	4006. 44	4006. 452	-2. 9	280. 8	19. 0241
546	K. C[+57. 021]DISN[+2059. 735]STEAGQK. L	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	C[+57], N[+2060]	1123. 77 3	3	3369. 305	3369. 304	0. 3	299. 6	17. 1484
546	K. C[+57. 021]DISN[+3372. 190]STE. A	HexNAc (6) Hex (7) Fuc (1) NeuAc (3)	C[+57], N[+3372]	1433. 18 7	3	4297. 547	4297. 547	-0. 1	315. 9	19. 9146
546	K. C[+57. 021]DISN[+2715. 963]STE. A	HexNAc (5) Hex (6) Fuc (1) NeuAc (2)	C[+57], N[+2716]	1214. 44 4	3	3641. 318	3641. 319	-0. 3	321. 2	19. 3416
546	K. C[+57. 021]DISN[+2350. 830]STE. A	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	C[+57], N[+2351]	1092. 73 4	3	3276. 187	3276. 187	-0. 1	366. 5	18. 515
546	K. C[+57. 021]DISN[+2059. 735]STE. A	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	C[+57], N[+2060]	995. 703	3	2985. 094	2985. 092	0. 7	382. 3	18. 3265
546	K. C[+57. 021]DISN[+2424. 867]STE. A	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	C[+57], N[+2425]	1117. 41 4	3	3350. 228	3350. 224	1. 2	393. 4	17. 7493
546	K. C[+57. 021]DISN[+2459. 931]STE. A	HexNAc (9) Hex (3) Fuc (1)	C[+57], N[+2460]	1129. 11	3	3385. 315	3385. 288	8. 2	394. 8	13. 6329
546	D. ISN[+1907. 714]STE. A	HexNAc (7) Hex (3)	N[+1908]	853. 344	3	2558. 016	2558. 013	1. 2	152	22. 3311
546	D. ISN[+3284. 174]STE. A	HexNAc (7) Hex (7) Fuc (1) NeuAc (2)	N[+3284]	1312. 16 1	3	3934. 467	3934. 473	-1. 6	152. 3	63. 9447
546	D. ISN[+2278. 809]STEAGQK. L	HexNAc (5) Hex (6) NeuAc (1)	N[+2279]	1105. 11 4	3	3313. 327	3313. 321	1. 9	154. 8	47. 1705
546	D. ISN[+3575. 270]STE. A	HexNAc (7) Hex (7) Fuc (1) NeuAc (3)	N[+3575]	1409. 18 3	3	4225. 534	4225. 569	-8. 3	160. 6	67. 5483
546	D. ISN[+2952. 052]STE. A	HexNAc (6) Hex (8) Fuc (1) NeuAc (1)	N[+2952]	1201. 45 6	3	3602. 353	3602. 351	0. 4	178. 6	50. 369
546	D. ISN[+2586. 920]STE. A	HexNAc (5) Hex (7) Fuc (1) NeuAc (1)	N[+2587]	1079. 74 6	3	3237. 224	3237. 219	1. 4	156. 3	16. 7271
690	K. N[+3083. 110]VSD. I	HexNAc (8) Hex (9)	N[+3083]	1173. 10 6	3	3517. 303	3517. 299	1. 3	150. 1	18. 2638

690	K. N[+2278. 809]VSD. I	HexNAc (5) Hex (6) NeuAc (1)	N[+2279]	905. 006	3	2713. 002	2712. 997	1. 9	150. 6	10. 2369
690	K. N[+3276. 158]VSD. I	HexNAc (6) Hex (10) Fuc (1) NeuAc (1)	N[+3276]	1237. 46 4	3	3710. 378	3710. 346	8. 7	151. 2	42. 9681
690	K. N[+2018. 708]VSDIIPRTE. V	HexNAc (3) Hex (6) Fuc (1) NeuAc (1)	N[+2019]	1054. 78 1	3	3162. 328	3162. 309	6	152. 3	39. 2725
690	K. N[+1095. 397]VSDIIPR. T	HexNAc (3) Hex (3)	N[+1095]	670. 308	3	2008. 909	2008. 907	0. 9	152. 6	39. 0566
690	K. N[+2481. 889]VSD. I	HexNAc (6) Hex (6) NeuAc (1)	N[+2482]	972. 688	3	2916. 051	2916. 077	-9	156. 2	42. 3662
690	K. N[+2432. 884]VSDIIPR. T	HexNAc (6) Hex (3) Fuc (1) NeuAc (2)	N[+2433]	1116. 13 9	3	3346. 402	3346. 394	2. 6	156. 7	43. 3348
690	K. N[+1694. 603]VSDIIPR. T	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	N[+1695]	870. 044	3	2608. 117	2608. 113	1. 6	158. 4	41. 8331
690	K. N[+2407. 852]VSDIIPR. T	HexNAc (5) Hex (5) NeuAc (2)	N[+2408]	1107. 80 1	3	3321. 39	3321. 362	8. 3	158. 6	46. 6761
690	K. N[+1216. 423]VSDIIPR. T	HexNAc (2) Hex (5)	N[+1216]	710. 648	3	2129. 929	2129. 933	-1. 8	159. 2	38. 3748
690	K. N[+1298. 476]VSDIIPR. T	HexNAc (4) Hex (3)	N[+1298]	738. 001	3	2211. 989	2211. 986	1. 2	159. 4	38. 6137
690	K. N[+2391. 857]VSDIIPR. T	HexNAc (5) Hex (4) Fuc (1) NeuAc (2)	N[+2392]	1102. 47 1	3	3305. 397	3305. 367	9. 1	159. 6	44. 4353
690	K. N[+2350. 830]VSD. I	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	N[+2351]	929. 008	3	2785. 011	2785. 019	-2. 8	159. 8	11. 0889
690	K. N[+3517. 228]VSD. I	HexNAc (6) Hex (7) NeuAc (4)	N[+3517]	1317. 80 9	3	3951. 412	3951. 416	-0. 9	161. 1	64. 2366
690	K. N[+3009. 074]VSDIIPR. T	HexNAc (7) Hex (8) NeuAc (1)	N[+3009]	1308. 2	3	3922. 586	3922. 584	0. 6	161. 4	31. 1649
690	K. N[+2311. 819]VSDIIPR. T	HexNAc (5) Hex (8)	N[+2312]	1075. 77 8	3	3225. 321	3225. 33	-2. 7	161. 7	38. 3365
690	K. N[+2141. 788]VSDIIPR. T	HexNAc (6) Hex (3) Fuc (1) NeuAc (1)	N[+2142]	1019. 10 5	3	3055. 301	3055. 298	1	161. 8	37. 4635
690	K. N[+2643. 941]VSDIIPR. T	HexNAc (6) Hex (7) NeuAc (1)	N[+2644]	1186. 48 2	3	3557. 43	3557. 452	-6	162. 4	39. 8571
690	K. N[+3405. 200]VSD. I	HexNAc (6) Hex (9) Fuc (1) NeuAc (2)	N[+3405]	1280. 47 2	3	3839. 402	3839. 389	3. 4	163. 5	39. 732
690	K. N[+2432. 884]VSD. I	HexNAc (6) Hex (3) Fuc (1) NeuAc (2)	N[+2433]	956. 357	3	2867. 057	2867. 072	-5. 2	169	17. 6214
690	K. N[+3083. 110]VSDIIPR. T	HexNAc (8) Hex (9)	N[+3083]	1332. 87 6	3	3996. 612	3996. 621	-2. 1	171. 1	42. 2552
690	K. N[+3372. 190]VSD. I	HexNAc (6) Hex (7) Fuc (1) NeuAc (3)	N[+3372]	1269. 46 4	3	3806. 377	3806. 378	-0. 3	173. 5	39. 7287
690	K. N[+1257. 449]VSDIIPR. T	HexNAc (3) Hex (4)	N[+1257]	724. 329	3	2170. 973	2170. 96	6. 2	173. 8	38. 6004
690	K. N[+2221. 788]VSDIIPR. T	HexNAc (4) Hex (6) Fuc (1) NeuAc (1)	N[+2222]	1045. 77 2	3	3135. 303	3135. 298	1. 5	173. 9	40. 18
690	K. N[+2190. 793]VSDIIPR. T	HexNAc (6) Hex (6)	N[+2191]	1035. 43	3	3104. 299	3104. 303	-1. 6	173. 9	38. 2447

				8						
690	K. N[+2861. 000]VSD. I	HexNAc (5) Hex (6) NeuAc (3)	N[+2861]	1099. 06 5	3	3295. 18	3295. 188	-2. 6	174. 6	45. 5766
690	K. N[+1501. 555]VSDIIPR. T	HexNAc (5) Hex (3)	N[+1502]	805. 689	3	2415. 053	2415. 066	-5	175. 6	39. 013
690	K. N[+2643. 941]VSDIIPRTE. V	HexNAc (6) Hex (7) NeuAc (1)	N[+2644]	1263. 17 6	3	3787. 513	3787. 542	-7. 7	175. 7	38. 6667
690	K. N[+2352. 846]VSDIIPR. T	HexNAc (6) Hex (7)	N[+2353]	1089. 45 7	3	3266. 358	3266. 356	0. 5	176. 8	36. 9126
690	K. N[+3210. 137]VSD. I	HexNAc (6) Hex (6) Fuc (1) NeuAc (3)	N[+3210]	1215. 44 7	3	3644. 326	3644. 326	0	177. 5	30. 6759
690	K. N[+1460. 529]VSDIIPR. T	HexNAc (4) Hex (4)	N[+1461]	792. 016	3	2374. 035	2374. 039	-1. 8	177. 6	38. 1548
690	K. N[+2921. 058]VSDIIPR. T	HexNAc (8) Hex (8)	N[+2921]	1278. 85 8	3	3834. 559	3834. 568	-2. 2	178. 2	43. 9056
690	K. N[+3226. 132]VSD. I	HexNAc (6) Hex (7) NeuAc (3)	N[+3226]	1220. 77 9	3	3660. 322	3660. 32	0. 3	178. 3	59. 8615
690	K. N[+1850. 693]VSDIIPR. T	HexNAc (6) Hex (3) Fuc (1)	N[+1851]	922. 073	3	2764. 204	2764. 203	0. 5	179. 3	37. 7489
690	K. N[+1702. 581]VSDIIPR. T	HexNAc (2) Hex (8)	N[+1703]	872. 703	3	2616. 094	2616. 092	0. 9	180	32. 6608
690	K. N[+3048. 084]VSDIIPR. T	HexNAc (6) Hex (5) Fuc (1) NeuAc (3)	N[+3048]	1321. 21 1	3	3961. 619	3961. 595	6. 1	180. 9	41. 939
690	K. N[+1403. 507]VSDIIPR. T	HexNAc (3) Hex (4) Fuc (1)	N[+1404]	773. 012	3	2317. 022	2317. 018	1. 8	181. 1	38. 6737
690	K. N[+2018. 708]VSDIIPR. T	HexNAc (3) Hex (6) Fuc (1) NeuAc (1)	N[+2019]	978. 08	3	2932. 224	2932. 219	2	182. 3	40. 8431
690	K. N[+2553. 910]VSD. I	HexNAc (5) Hex (5) Fuc (1) NeuAc (2)	N[+2554]	996. 697	3	2988. 075	2988. 098	-7. 7	182. 5	27. 9366
690	K. N[+3575. 270]VSD. I	HexNAc (7) Hex (7) Fuc (1) NeuAc (3)	N[+3575]	1337. 16 8	3	4009. 49	4009. 458	8. 1	185. 1	59. 2113
690	K. N[+2935. 037]VSD. I	HexNAc (6) Hex (7) NeuAc (2)	N[+2935]	1123. 73 6	3	3369. 193	3369. 225	-9. 6	186. 3	26. 587
690	K. N[+2174. 798]VSDIIPR. T	HexNAc (6) Hex (5) Fuc (1)	N[+2175]	1030. 10 9	3	3088. 312	3088. 308	1. 1	188	38. 3944
690	K. N[+3866. 365]VSD. I	HexNAc (7) Hex (7) Fuc (1) NeuAc (4)	N[+3866]	1434. 20 2	3	4300. 591	4300. 553	8. 9	188. 4	62. 5987
690	K. N[+1987. 714]VSDIIPR. T	HexNAc (5) Hex (6)	N[+1988]	967. 747	3	2901. 225	2901. 224	0. 3	188. 9	37. 5693
690	K. N[+2391. 857]VSD. I	HexNAc (5) Hex (4) Fuc (1) NeuAc (2)	N[+2392]	942. 692	3	2826. 061	2826. 045	5. 5	189. 4	21. 6731
690	K. N[+1751. 624]VSDIIPR. T	HexNAc (4) Hex (4) NeuAc (1)	N[+1752]	889. 05	3	2665. 135	2665. 134	0. 3	190. 3	41. 7267
690	K. N[+2475. 926]VSDIIPR. T	HexNAc (9) Hex (4)	N[+2476]	1130. 48 9	3	3389. 452	3389. 436	4. 9	190. 3	40. 7013
690	K. N[+2465. 894]VSD. I	HexNAc (6) Hex (5) Fuc (1) NeuAc (1)	N[+2466]	967. 367	3	2900. 085	2900. 082	1. 1	191. 7	42. 5866

690	K. N[+2407. 852]VSD. I	HexNAc (5) Hex (5) NeuAc (2)	N[+2408]	948. 021	3	2842. 048	2842. 04	2. 7	192. 3	18. 8783
690	K. N[+1710. 598]VSDIIPR. T	HexNAc (3) Hex (5) NeuAc (1)	N[+1711]	875. 374	3	2624. 107	2624. 108	-0. 3	193. 2	41. 5364
690	K. N[+1809. 666]VSDIIPR. T	HexNAc (5) Hex (4) Fuc (1)	N[+1810]	908. 397	3	2723. 178	2723. 176	0. 6	193. 3	38. 0698
690	K. N[+2756. 989]VSD. I	HexNAc (6) Hex (5) Fuc (1) NeuAc (2)	N[+2757]	1064. 39 7	3	3191. 175	3191. 177	-0. 6	194. 7	25. 8268
690	K. N[+3284. 174]VSD. I	HexNAc (7) Hex (7) Fuc (1) NeuAc (2)	N[+3284]	1240. 12 2	3	3718. 351	3718. 362	-3. 1	195. 3	25. 8188
690	K. N[+2789. 999]VSDIIPR. T	HexNAc (6) Hex (7) Fuc (1) NeuAc (1)	N[+2790]	1235. 17 6	3	3703. 514	3703. 51	1. 2	195. 5	40. 1843
690	K. N[+1930. 692]VSDIIPR. T	HexNAc (4) Hex (6) Fuc (1)	N[+1931]	948. 741	3	2844. 209	2844. 203	2. 2	196. 5	37. 2848
690	K. N[+1971. 719]VSDIIPR. T	HexNAc (5) Hex (5) Fuc (1)	N[+1972]	962. 415	3	2885. 229	2885. 229	0	147. 5	36. 8061
690	K. N[+2919. 042]VSD. I	HexNAc (6) Hex (6) Fuc (1) NeuAc (2)	N[+2919]	1118. 40 8	3	3353. 21	3353. 23	-6. 1	147. 7	26. 3183
690	K. N[+1727. 613]VSDIIPR. T	HexNAc (3) Hex (6) Fuc (1)	N[+1728]	881. 044	3	2641. 116	2641. 123	-2. 5	148. 7	37. 5499
690	K. N[+2952. 052]VSD. I	HexNAc (6) Hex (8) Fuc (1) NeuAc (1)	N[+2952]	1129. 42 2	3	3386. 25	3386. 24	2. 9	149. 2	45. 7697
690	K. N[+2149. 767]VSDIIPR. T	HexNAc (5) Hex (7)	N[+2150]	1021. 76 8	3	3063. 289	3063. 277	3. 8	149. 4	36. 7794
690	K. N[+1825. 661]VSDIIPR. T	HexNAc (5) Hex (5)	N[+1826]	913. 728	3	2739. 17	2739. 171	-0. 6	149. 6	37. 3426
690	K. N[+3081. 095]VSDIIPR. T	HexNAc (6) Hex (7) Fuc (1) NeuAc (2)	N[+3081]	1332. 20 7	3	3994. 608	3994. 605	0. 7	152. 1	43. 109
690	K. N[+2336. 851]VSDIIPR. T	HexNAc (6) Hex (6) Fuc (1)	N[+2337]	1084. 12 6	3	3250. 363	3250. 361	0. 6	155. 7	38. 2666
690	K. N[+3372. 190]VSDIIPR. T	HexNAc (6) Hex (7) Fuc (1) NeuAc (3)	N[+3372]	1429. 23 7	3	4285. 698	4285. 7	-0. 6	156. 6	45. 5964
690	K. N[+1647. 613]VSDIIPR. T	HexNAc (5) Hex (3) Fuc (1)	N[+1648]	854. 381	3	2561. 127	2561. 123	1. 5	162. 2	37. 8335
690	K. N[+1444. 534]VSDIIPR. T	HexNAc (4) Hex (3) Fuc (1)	N[+1445]	786. 687	3	2358. 047	2358. 044	1. 1	163. 9	38. 3304
690	K. N[+2717. 978]VSD. I	HexNAc (7) Hex (8)	N[+2718]	1051. 39 4	3	3152. 167	3152. 166	0. 2	167. 8	10. 7601
690	K. N[+2586. 920]VSDIIPR. T	HexNAc (5) Hex (7) Fuc (1) NeuAc (1)	N[+2587]	1167. 48 4	3	3500. 438	3500. 43	2. 2	167. 9	43. 6674
690	K. N[+3704. 312]VSD. I	HexNAc (7) Hex (6) Fuc (1) NeuAc (4)	N[+3704]	1380. 17 4	3	4138. 507	4138. 5	1. 7	168. 4	63. 4786
690	K. N[+3081. 095]VSD. I	HexNAc (6) Hex (7) Fuc (1) NeuAc (2)	N[+3081]	1172. 42 9	3	3515. 272	3515. 283	-3. 1	170	11. 3999
690	K. N[+1581. 555]VSDIIPR. T	HexNAc (3) Hex (6)	N[+1582]	832. 36	3	2495. 066	2495. 065	0. 1	170. 8	37. 6881
690	K. N[+1663. 608]VSDIIPR. T	HexNAc (5) Hex (4)	N[+1664]	859. 711	3	2577. 118	2577. 118	-0. 1	173. 1	38. 611
690	K. N[+2465. 894]VSDIIPR. T	HexNAc (6) Hex (5) Fuc (1) NeuAc (1)	N[+2466]	1127. 14 2	3	3379. 412	3379. 404	2. 5	177. 9	41. 6846
690	K. N[+2481. 889]VSDIIPR. T	HexNAc (6) Hex (6) NeuAc (1)	N[+2482]	1132. 47	3	3395. 395	3395. 399	-1	182. 5	41. 5196

690	K. N[+2424. 867]VSD. I	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	N[+2425]	953. 69	3	2859. 055	2859. 055	0	188. 3	11. 6038
690	K. N[+1872. 651]VSDIIPR. T	HexNAc (3) Hex (6) NeuAc (1)	N[+1873]	929. 391	3	2786. 157	2786. 161	-1. 3	194	41. 1808
690	K. N[+2789. 999]VSD. I	HexNAc (6) Hex (7) Fuc (1) NeuAc (1)	N[+2790]	1075. 4	3	3224. 185	3224. 188	-0. 8	195	10. 4445
690	K. N[+2569. 905]VSD. I	HexNAc (5) Hex (6) NeuAc (2)	N[+2570]	1002. 03 6	3	3004. 092	3004. 093	-0. 3	195. 2	11. 2456
690	K. N[+2715. 963]VSD. I	HexNAc (5) Hex (6) Fuc (1) NeuAc (2)	N[+2716]	1050. 71 6	3	3150. 134	3150. 151	-5. 4	196. 6	11. 7677
690	K. N[+2012. 745]VSDIIPR. T	HexNAc (6) Hex (4) Fuc (1)	N[+2013]	976. 091	3	2926. 259	2926. 256	1	196. 8	37. 5113
690	K. N[+2262. 814]VSDIIPR. T	HexNAc (5) Hex (5) Fuc (1) NeuAc (1)	N[+2263]	1059. 44 7	3	3176. 326	3176. 324	0. 4	202. 9	40. 6017
690	K. N[+2278. 809]VSDIIPR. T	HexNAc (5) Hex (6) NeuAc (1)	N[+2279]	1064. 77 8	3	3192. 318	3192. 319	-0. 3	205. 2	40. 2968
690	K. N[+3007. 058]VSDIIPR. T	HexNAc (5) Hex (6) Fuc (1) NeuAc (3)	N[+3007]	1307. 52 8	3	3920. 568	3920. 568	0. 1	207. 5	46. 7047
690	K. N[+2621. 984]VSDIIPR. T	HexNAc (9) Hex (4) Fuc (1)	N[+2622]	1179. 16 5	3	3535. 48	3535. 494	-3. 8	209. 2	38. 8041
690	K. N[+1897. 682]VSDIIPR. T	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	N[+1898]	937. 736	3	2811. 192	2811. 192	-0. 1	213	41. 3271
690	K. N[+2715. 963]VSDIIPR. T	HexNAc (5) Hex (6) Fuc (1) NeuAc (2)	N[+2716]	1210. 49 7	3	3629. 478	3629. 473	1. 4	226. 4	43. 6299
690	K. N[+1565. 560]VSDIIPR. T	HexNAc (3) Hex (5) Fuc (1)	N[+1566]	827. 029	3	2479. 073	2479. 07	1	229. 5	38. 1415
690	K. N[+2059. 735]VSDIIPR. T	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	N[+2060]	991. 754	3	2973. 248	2973. 245	1. 1	229. 8	41. 152
690	K. N[+2861. 000]VSDIIPR. T	HexNAc (5) Hex (6) NeuAc (3)	N[+2861]	1258. 84 4	3	3774. 517	3774. 51	1. 7	243. 3	38. 3986
690	K. N[+2116. 756]VSDIIPR. T	HexNAc (5) Hex (5) NeuAc (1)	N[+2117]	1010. 76 2	3	3030. 272	3030. 267	1. 6	249	40. 8293
690	K. N[+2434. 899]VSDIIPR. T	HexNAc (8) Hex (5)	N[+2435]	1116. 80 1	3	3348. 388	3348. 409	-6. 3	257. 9	38. 8251
690	K. N[+1606. 587]VSDIIPR. T	HexNAc (4) Hex (4) Fuc (1)	N[+1607]	840. 704	3	2520. 098	2520. 097	0. 3	261. 7	38. 3924
690	K. N[+1768. 640]VSDIIPR. T	HexNAc (4) Hex (5) Fuc (1)	N[+1769]	894. 721	3	2682. 149	2682. 15	-0. 1	262. 7	40. 7918
690	K. N[+2424. 867]VSDIIPR. T	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	N[+2425]	1113. 46 6	3	3338. 383	3338. 377	1. 6	265. 1	40. 4074
690	K. N[+1622. 582]VSDIIPR. T	HexNAc (4) Hex (5)	N[+1623]	846. 036	3	2536. 094	2536. 092	0. 9	265. 3	37. 6302
690	K. N[+2350. 830]VSDIIPR. T	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	N[+2351]	1088. 78 6	3	3264. 344	3264. 341	0. 9	271. 2	43. 9861
690	K. N[+2133. 772]VSDIIPR. T	HexNAc (5) Hex (6) Fuc (1)	N[+2134]	1016. 43 3	3	3047. 284	3047. 282	0. 8	277. 5	37. 3188

690	K. N[+1913.677]VSDIIPR. T	HexNAc (4) Hex (5) NeuAc (1)	N[+1914]	943.068	3	2827.19	2827.187	1	297	41.641
690	K. N[+2569.905]VSDIIPR. T	HexNAc (5) Hex (6) NeuAc (2)	N[+2570]	1161.81 1	3	3483.417	3483.415	0.7	312.3	43.7797
690	K. N[+2204.772]VSDIIPR. T	HexNAc (4) Hex (5) NeuAc (2)	N[+2205]	1040.1	3	3118.285	3118.283	0.8	324	45.0202

Table S1. Identified N-linked glycopeptides and N-linked glycans in hACE2. **Table S1b,** intact N-glycopeptides identified by Synapt G2-Si.

position	Peptide < ProteinMetrics Confidential >	Glycans NHFAgNa	Modification Type(s)	Observed m/z	z	Observed (M+H)	Calc. mass (M+H)	Mass error (ppm)	Score	Scan Time
53	E. DLFYQSSLASWNYNTN[+2424.867]ITEE. N	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	N[+2425]	1607.294	3	4819.867	4819.94	-15	157.6	49.0612
53	E. DLFYQSSLASWNYNTN[+2643.941]ITEE. N	HexNAc (6) Hex (7) NeuAc (1)	N[+2644]	1680.336	3	5038.992	5039.014	-4.3	159.6	48.7593
53	E. DLFYQSSLASWNYNTN[+1913.677]ITEE. N	HexNAc (4) Hex (5) NeuAc (1)	N[+1914]	1436.92	3	4308.747	4308.75	-0.7	161.1	49.8708
53	E. DLFYQSSLASWNYNTN[+2278.809]ITEE. N	HexNAc (5) Hex (6) NeuAc (1)	N[+2279]	1558.613	3	4673.823	4673.882	-12.5	175.2	48.7072
53	E. DLFYQSSLASWNYNTN[+2391.857]ITE. E	HexNAc (5) Hex (4) Fuc (1) NeuAc (2)	N[+2392]	932.383	5	4657.888	4657.887	0.3	180.2	33.4293
53	D. LFYQSSLASWNYNTN[+2539.930]ITE. E	HexNAc (7) Hex (6) Fuc (1)	N[+2540]	1173.481	4	4690.902	4690.933	-6.7	150.4	53.7642
53	D. LFYQSSLASWNYNTN[+2313.873]ITEE. N	HexNAc (9) Hex (3)	N[+2314]	919.597	5	4593.956	4593.918	8.2	151.3	32.066
53	D. LFYQSSLASWNYNTN[+1727.613]ITEE. N	HexNAc (3) Hex (6) Fuc (1)	N[+1728]	1336.534	3	4007.587	4007.659	-17.9	151.6	38.8688
53	D. LFYQSSLASWNYNTN[+2715.963]ITE. E	HexNAc (5) Hex (6) Fuc (1) NeuAc (2)	N[+2716]	1217.497	4	4866.966	4866.966	0.1	152.9	33.5592
53	D. LFYQSSLASWNYNTN[+1866.688]ITE. E	HexNAc (6) Hex (4)	N[+1867]	1339.894	3	4017.668	4017.691	-5.5	158.7	36.6382
53	D. LFYQSSLASWNYNTN[+1938.709]ITEE. N	HexNAc (5) Hex (3) Fuc (1) NeuAc (1)	N[+1939]	1406.907	3	4218.707	4218.754	-11.2	160.1	43.6753
53	D. LFYQSSLASWNYNTN[+2424.867]ITEE. N	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	N[+2425]	1568.964	3	4704.876	4704.913	-7.8	161.6	44.6932
53	D. LFYQSSLASWNYNTN[+2059.735]ITE. E	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	N[+2060]	1404.239	3	4210.701	4210.738	-8.8	163	45.1992
53	D. LFYQSSLASWNYNTN[+2059.735]ITE. E	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	N[+2060]	1053.442	4	4210.748	4210.738	2.3	165.5	30.1577
53	D. LFYQSSLASWNYNTN[+2424.867]ITE. E	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	N[+2425]	1144.718	4	4575.849	4575.87	-4.6	173.5	36.805
53	D. LFYQSSLASWNYNTN[+2596.952]ITEE. N	HexNAc (8) Hex (6)	N[+2597]	976.209	5	4877.018	4876.997	4.1	179	29.1
53	D. LFYQSSLASWNYNTN[+2789.999]ITE. E	HexNAc (6) Hex (7) Fuc (1) NeuAc (1)	N[+2790]	1236.019	4	4941.054	4941.002	10.5	179.4	30.159
53	D. LFYQSSLASWNYNTN[+2221.788]ITEE. N	HexNAc (4) Hex (6) Fuc (1) NeuAc (1)	N[+2222]	901.18	5	4501.871	4501.833	8.4	181.5	33.1295
53	D. LFYQSSLASWNYNTN[+2391.857]ITEE. N	HexNAc (5) Hex (4) Fuc (1) NeuAc (2)	N[+2392]	1557.947	3	4671.827	4671.902	-16.1	184.6	48.1898
53	D. LFYQSSLASWNYNTN[+2715.963]ITE. E	HexNAc (5) Hex (6) Fuc (1) NeuAc (2)	N[+2716]	974.191	5	4866.927	4866.966	-8	184.6	33.602
53	D. LFYQSSLASWNYNTN[+2350.830]ITE. E	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	N[+2351]	1126.206	4	4501.804	4501.833	-6.6	192.7	32.2293
53	D. LFYQSSLASWNYNTN[+1913.677]ITEE. N	HexNAc (4) Hex (5) NeuAc (1)	N[+1914]	1398.576	3	4193.714	4193.723	-2.1	196.1	45.3472
53	D. LFYQSSLASWNYNTN[+2059.735]ITEE. N	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	N[+2060]	1447.269	3	4339.791	4339.78	2.5	197.6	44.8567
53	D. LFYQSSLASWNYNTN[+2586.920]ITEE. N	HexNAc (5) Hex (7) Fuc (1) NeuAc (1)	N[+2587]	1217.482	4	4866.905	4866.966	-12.4	215.6	32.317
53	D. LFYQSSLASWNYNTN[+2580.957]ITE. E	HexNAc (8) Hex (5) Fuc (1)	N[+2581]	947.203	5	4731.985	4731.96	5.3	185.2	30.1648
53	E. QSTLAQMYPLQEIQN[+876.322]LTVK. L	HexNAc (2) Hex (2) Fuc (1)	N[+876]	617.1	5	3081.469	3081.481	-3.7	161.6	16.5437
90	E. IQN[+2028.740]LTVK. L	HexNAc (6) Hex (5)	N[+2029]	948.749	3	2844.231	2844.239	-2.7	182.7	19.8357
90	E. IQN[+2174.798]LTVK. L	HexNAc (6) Hex (5) Fuc (1)	N[+2175]	997.425	3	2990.26	2990.297	-12.2	198.2	19.1117
90	E. IQN[+2012.745]LTVK. L	HexNAc (6) Hex (4) Fuc (1)	N[+2013]	943.403	3	2828.194	2828.244	-17.6	206	18.8915

90	E. IQN[+3517.228]LTVK. L	HexNAc (6) Hex (7) NeuAc (4)	N[+3517]	1444.894	3	4332.667	4332.726	-13.7	208.7	36.9675
90	E. IQN[+2555.925]LTVK. L	HexNAc (7) Hex (7)	N[+2556]	1124.48	3	3371.424	3371.424	0	175.7	26.5663
90	E. IQN[+3663.286]LTVK. L	HexNAc (6) Hex (7) Fuc (1) NeuAc (4)	N[+3663]	1120.454	4	4478.796	4478.784	2.6	233.6	36.6872
90	E. IQN[+2407.852]LTVK. L	HexNAc (5) Hex (5) NeuAc (2)	N[+2408]	1075.117	3	3223.336	3223.35	-4.6	234.8	26.0073
90	E. IQN[+2772.984]LTVK. L	HexNAc (6) Hex (6) NeuAc (2)	N[+2773]	1196.831	3	3588.48	3588.483	-0.8	237.9	25.7527
90	E. IQN[+2498.904]LTVK. L	HexNAc (6) Hex (7) Fuc (1)	N[+2499]	1105.485	3	3314.441	3314.402	11.7	239.8	18.4023
90	E. IQN[+3663.286]LTVK. L	HexNAc (6) Hex (7) Fuc (1) NeuAc (4)	N[+3663]	1493.609	3	4478.812	4478.784	6.2	241.1	36.7522
90	E. IQN[+3284.174]LTVK. L	HexNAc (7) Hex (7) Fuc (1) NeuAc (2)	N[+3284]	1367.223	3	4099.656	4099.673	-4.2	244.5	25.0032
90	E. IQN[+3081.095]LTVK. L	HexNAc (6) Hex (7) Fuc (1) NeuAc (2)	N[+3081]	974.906	4	3896.6	3896.593	1.8	245.2	25.2732
90	E. IQN[+2878.015]LTVK. L	HexNAc (5) Hex (7) Fuc (1) NeuAc (2)	N[+2878]	1231.843	3	3693.515	3693.514	0.3	248	25.3898
90	E. IQN[+2352.846]LTVK. L	HexNAc (6) Hex (7)	N[+2353]	1056.769	3	3168.292	3168.345	-16.7	249.9	18.6465
90	E. IQN[+2952.052]LTVK. L	HexNAc (6) Hex (8) Fuc (1) NeuAc (1)	N[+2952]	1256.525	3	3767.562	3767.551	2.9	252.3	25.0988
90	E. IQN[+3226.132]LTVK. L	HexNAc (6) Hex (7) NeuAc (3)	N[+3226]	1347.883	3	4041.634	4041.631	0.8	256.3	29.8593
90	E. IQN[+3210.137]LTVK. L	HexNAc (6) Hex (6) Fuc (1) NeuAc (3)	N[+3210]	1342.56	3	4025.664	4025.636	6.9	257.3	30.5965
90	E. IQN[+2756.989]LTVK. L	HexNAc (6) Hex (5) Fuc (1) NeuAc (2)	N[+2757]	1191.489	3	3572.453	3572.488	-9.8	261.4	25.9762
90	E. IQN[+3372.190]LTVK. L	HexNAc (6) Hex (7) Fuc (1) NeuAc (3)	N[+3372]	1396.558	3	4187.659	4187.689	-7.2	266.8	29.9613
90	E. IQN[+2643.941]LTVK. L	HexNAc (6) Hex (7) NeuAc (1)	N[+2644]	1153.818	3	3459.441	3459.44	0.2	269.5	20.7637
90	E. IQN[+3372.190]LTVK. L	HexNAc (6) Hex (7) Fuc (1) NeuAc (3)	N[+3372]	1047.678	4	4187.689	4187.689	0.1	293.2	30.0428
90	E. IQN[+2465.894]LTVK. L	HexNAc (6) Hex (5) Fuc (1) NeuAc (1)	N[+2466]	1094.464	3	3281.378	3281.392	-4.2	299.8	21.9258
90	E. IQN[+2789.999]LTVK. L	HexNAc (6) Hex (7) Fuc (1) NeuAc (1)	N[+2790]	1202.504	3	3605.497	3605.498	-0.3	301.1	21.2192
90	E. IQN[+1647.613]LTVK. L	HexNAc (5) Hex (3) Fuc (1)	N[+1648]	821.714	3	2463.126	2463.112	5.8	303.1	18.7898
90	E. IQN[+2627.947]LTVK. L	HexNAc (6) Hex (6) Fuc (1) NeuAc (1)	N[+2628]	1148.493	3	3443.464	3443.445	5.4	312.5	21.669
90	E. IQN[+3081.095]LTVK. L	HexNAc (6) Hex (7) Fuc (1) NeuAc (2)	N[+3081]	1299.536	3	3896.592	3896.593	-0.2	313.5	25.2013
90	E. IQN[+2919.042]LTVK. L	HexNAc (6) Hex (6) Fuc (1) NeuAc (2)	N[+2919]	1245.512	3	3734.522	3734.54	-4.9	314.5	25.8203
90	E. IQN[+2336.851]LTVK. L	HexNAc (6) Hex (6) Fuc (1)	N[+2337]	1051.456	3	3152.354	3152.35	1.4	315.6	18.4093
90	E. IQN[+1930.692]LTVK. L	HexNAc (4) Hex (6) Fuc (1)	N[+1931]	916.068	3	2746.191	2746.191	-0.1	316	21.5065
90	E. IQN[+2553.910]LTVK. L	HexNAc (5) Hex (5) Fuc (1) NeuAc (2)	N[+2554]	1123.81	3	3369.416	3369.408	2.4	317.7	26.196
90	E. IQN[+3007.058]LTVK. L	HexNAc (5) Hex (6) Fuc (1) NeuAc (3)	N[+3007]	1274.859	3	3822.562	3822.557	1.3	321	30.0877
90	E. IQN[+2935.037]LTVK. L	HexNAc (6) Hex (7) NeuAc (2)	N[+2935]	1250.851	3	3750.537	3750.535	0.4	322.6	25.4605
90	E. IQN[+2221.788]LTVK. L	HexNAc (4) Hex (6) Fuc (1) NeuAc (1)	N[+2222]	1013.101	3	3037.288	3037.286	0.5	325.3	21.1658
90	E. IQN[+2481.889]LTVK. L	HexNAc (6) Hex (6) NeuAc (1)	N[+2482]	1099.801	3	3297.39	3297.387	0.7	326.3	21.9543
90	E. IQN[+2861.000]LTVK. L	HexNAc (5) Hex (6) NeuAc (3)	N[+2861]	1226.168	3	3676.49	3676.499	-2.3	331.7	30.1235
90	E. IQN[+2586.920]LTVK. L	HexNAc (5) Hex (7) Fuc (1) NeuAc (1)	N[+2587]	1134.816	3	3402.433	3402.419	4.2	340.2	25.4818
90	E. IQN[+1663.608]LTVK. L	HexNAc (5) Hex (4)	N[+1664]	827.04	3	2479.105	2479.107	-0.6	340.6	18.9797
90	E. IQN[+2075.730]LTVK. L	HexNAc (4) Hex (6) NeuAc (1)	N[+2076]	964.415	3	2891.23	2891.228	0.7	342.1	21.2262
90	E. IQN[+2350.793]LTVK. L	HexNAc (2) Hex (12)	N[+2351]	1056.091	3	3166.26	3166.291	-10	349.6	25.8162
90	E. IQN[+1825.661]LTVK. L	HexNAc (5) Hex (5)	N[+1826]	881.055	3	2641.15	2641.16	-3.5	350.4	18.7683
90	E. IQN[+1444.534]LTVK. L	HexNAc (4) Hex (3) Fuc (1)	N[+1445]	754.02	3	2260.045	2260.032	5.7	351.6	19.0003

90	E. IQN[+2116.756]LTVK.L	HexNAc (5) Hex (5) NeuAc (1)	N[+2117]	978.092	3	2932.261	2932.255	1.9	356.2	21.588
90	E. IQN[+1809.666]LTVK.L	HexNAc (5) Hex (4) Fuc (1)	N[+1810]	875.736	3	2625.193	2625.165	10.7	360.5	18.8985
90	E. IQN[+2133.772]LTVK.L	HexNAc (5) Hex (6) Fuc (1)	N[+2134]	983.767	3	2949.288	2949.27	5.9	386.6	18.4753
90	E. IQN[+2350.793]LTVK.L	HexNAc (2) Hex (12)	N[+2351]	1583.635	2	3166.263	3166.291	-9	402	26.4427
90	E. IQN[+2100.761]LTVK.L	HexNAc (5) Hex (4) Fuc (1) NeuAc (1)	N[+2101]	972.759	3	2916.263	2916.26	1.1	402.3	21.6023
90	E. IQN[+2424.867]LTVK.L	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	N[+2425]	1080.798	3	3240.379	3240.366	4.2	413.1	21.435
90	E. IQN[+2278.809]LTVK.L	HexNAc (5) Hex (6) NeuAc (1)	N[+2279]	1032.105	3	3094.301	3094.308	-2.1	416.4	21.1977
90	E. IQN[+1850.693]LTVK.L	HexNAc (6) Hex (3) Fuc (1)	N[+1851]	889.396	3	2666.173	2666.191	-6.7	418.2	18.7468
90	E. IQN[+1751.624]LTVK.L	HexNAc (4) Hex (4) NeuAc (1)	N[+1752]	856.383	3	2567.133	2567.123	4.1	418.4	21.6453
90	E. IQN[+1913.677]LTVK.L	HexNAc (4) Hex (5) NeuAc (1)	N[+1914]	910.407	3	2729.207	2729.176	11.5	423.9	21.3002
90	E. IQN[+2262.814]LTVK.L	HexNAc (5) Hex (5) Fuc (1) NeuAc (1)	N[+2263]	1026.781	3	3078.329	3078.313	5.4	426.1	21.5665
90	E. IQN[+1581.555]LTVK.L	HexNAc (3) Hex (6)	N[+1582]	1199.024	2	2397.041	2397.054	-5.4	433.6	18.5397
90	E. IQN[+1784.634]LTVK.L	HexNAc (4) Hex (6)	N[+1785]	1300.569	2	2600.13	2600.133	-1	436.9	18.388
90	E. IQN[+2100.761]LTVK.L	HexNAc (5) Hex (4) Fuc (1) NeuAc (1)	N[+2101]	1458.628	2	2916.248	2916.26	-4.1	439.8	21.881
90	E. IQN[+1548.545]LTVK.L	HexNAc (3) Hex (4) NeuAc (1)	N[+1549]	1182.523	2	2364.039	2364.043	-1.7	440.2	21.8668
90	E. IQN[+2204.772]LTVK.L	HexNAc (4) Hex (5) NeuAc (2)	N[+2205]	1007.424	3	3020.258	3020.271	-4.3	440.6	26.0503
90	E. IQN[+1987.714]LTVK.L	HexNAc (5) Hex (6)	N[+1988]	935.079	3	2803.222	2803.212	3.5	442.9	18.497
90	E. IQN[+2715.963]LTVK.L	HexNAc (5) Hex (6) Fuc (1) NeuAc (2)	N[+2716]	1177.826	3	3531.462	3531.461	0.3	447.9	25.5637
90	E. IQN[+2059.735]LTVK.L	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	N[+2060]	959.079	3	2875.224	2875.234	-3.4	450	21.6618
90	E. IQN[+1501.555]LTVK.L	HexNAc (5) Hex (3)	N[+1502]	1159.035	2	2317.062	2317.054	3.6	455.2	18.6493
90	E. IQN[+2075.730]LTVK.L	HexNAc (4) Hex (6) NeuAc (1)	N[+2076]	1446.113	2	2891.219	2891.228	-3.2	456.5	21.269
90	E. IQN[+1694.603]LTVK.L	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	N[+1695]	1255.563	2	2510.118	2510.101	6.8	456.6	25.856
90	E. IQN[+1622.582]LTVK.L	HexNAc (4) Hex (5)	N[+1623]	813.373	3	2438.104	2438.08	10	465.7	18.5255
90	E. IQN[+1606.587]LTVK.L	HexNAc (4) Hex (4) Fuc (1)	N[+1607]	808.027	3	2422.065	2422.085	-8.3	467.6	18.863
90	E. IQN[+1897.682]LTVK.L	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	N[+1898]	905.066	3	2713.183	2713.181	0.7	470.9	21.807
90	E. IQN[+1987.714]LTVK.L	HexNAc (5) Hex (6)	N[+1988]	1402.116	2	2803.224	2803.212	4.1	471.1	18.3737
90	E. IQN[+1257.449]LTVK.L	HexNAc (3) Hex (4)	N[+1257]	1036.981	2	2072.954	2072.948	2.8	473.8	18.6423
90	E. IQN[+1825.661]LTVK.L	HexNAc (5) Hex (5)	N[+1826]	1321.09	2	2641.173	2641.16	5.2	478	18.8843
90	E. IQN[+1971.719]LTVK.L	HexNAc (5) Hex (5) Fuc (1)	N[+1972]	1394.099	2	2787.19	2787.217	-9.9	483.3	18.9575
90	E. IQN[+2715.963]LTVK.L	HexNAc (5) Hex (6) Fuc (1) NeuAc (2)	N[+2716]	1766.245	2	3531.482	3531.461	5.9	487.7	25.0602
90	E. IQN[+2569.905]LTVK.L	HexNAc (5) Hex (6) NeuAc (2)	N[+2570]	1129.145	3	3385.42	3385.403	5.1	490.7	25.5708
90	E. IQN[+1540.529]LTVK.L	HexNAc (2) Hex (7)	N[+1541]	1178.517	2	2356.027	2356.027	0.2	495.5	18.3075
90	E. IQN[+2133.772]LTVK.L	HexNAc (5) Hex (6) Fuc (1)	N[+2134]	1475.135	2	2949.262	2949.27	-2.8	495.9	18.4165
90	E. IQN[+1419.502]LTVK.L	HexNAc (3) Hex (5)	N[+1420]	1118	2	2234.993	2235.001	-3.7	497.5	18.6565
90	E. IQN[+1971.719]LTVK.L	HexNAc (5) Hex (5) Fuc (1)	N[+1972]	929.745	3	2787.222	2787.217	1.5	497.6	18.8487
90	E. IQN[+1403.507]LTVK.L	HexNAc (3) Hex (4) Fuc (1)	N[+1404]	1110.013	2	2219.018	2219.006	5.4	498.9	21.5808
90	E. IQN[+2424.867]LTVK.L	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	N[+2425]	1620.678	2	3240.349	3240.366	-5.1	501.8	21.1088
90	E. IQN[+1768.640]LTVK.L	HexNAc (4) Hex (5) Fuc (1)	N[+1769]	862.053	3	2584.145	2584.138	2.5	507.3	18.711

90	E. IQN[+1850.693]LTVK. L	HexNAc (6) Hex (3) Fuc (1)	N[+1851]	1333.611	2	2666.215	2666.191	8.9	509.4	18.804
90	E. IQN[+2278.809]LTVK. L	HexNAc (5) Hex (6) NeuAc (1)	N[+2279]	1547.652	2	3094.297	3094.308	-3.5	511.5	21.0065
90	E. IQN[+1663.608]LTVK. L	HexNAc (5) Hex (4)	N[+1664]	1240.055	2	2479.103	2479.107	-1.6	512.4	18.9512
90	E. IQN[+1809.666]LTVK. L	HexNAc (5) Hex (4) Fuc (1)	N[+1810]	1313.071	2	2625.135	2625.165	-11.2	512.4	19.0075
90	E. IQN[+2350.830]LTVK. L	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	N[+2351]	1056.12	3	3166.345	3166.329	5	514.2	25.5782
90	E. IQN[+1241.454]LTVK. L	HexNAc (3) Hex (3) Fuc (1)	N[+1241]	1028.98	2	2056.953	2056.953	0.1	515.9	18.9057
90	E. IQN[+1751.624]LTVK. L	HexNAc (4) Hex (4) NeuAc (1)	N[+1752]	1284.07	2	2567.133	2567.123	3.9	532.8	21.5278
90	E. IQN[+2262.814]LTVK. L	HexNAc (5) Hex (5) Fuc (1) NeuAc (1)	N[+2263]	1539.657	2	3078.307	3078.313	-1.8	534	21.7333
90	E. IQN[+1095.397]LTVK. L	HexNAc (3) Hex (3)	N[+1095]	955.953	2	1910.899	1910.895	1.9	536.5	18.7253
90	E. IQN[+1298.476]LTVK. L	HexNAc (4) Hex (3)	N[+1298]	1057.486	2	2113.964	2113.975	-4.8	537.8	18.7182
90	E. IQN[+1444.534]LTVK. L	HexNAc (4) Hex (3) Fuc (1)	N[+1445]	1130.519	2	2260.031	2260.032	-0.7	541	18.8345
90	E. IQN[+1460.529]LTVK. L	HexNAc (4) Hex (4)	N[+1461]	1138.521	2	2276.034	2276.027	3	545.4	18.8417
90	E. IQN[+2569.905]LTVK. L	HexNAc (5) Hex (6) NeuAc (2)	N[+2570]	1693.194	2	3385.381	3385.403	-6.5	547.1	25.5103
90	E. IQN[+1622.582]LTVK. L	HexNAc (4) Hex (5)	N[+1623]	1219.54	2	2438.072	2438.08	-3.4	548	18.7037
90	E. IQN[+1647.613]LTVK. L	HexNAc (5) Hex (3) Fuc (1)	N[+1648]	1232.061	2	2463.115	2463.112	1.4	551	18.7397
90	E. IQN[+1768.640]LTVK. L	HexNAc (4) Hex (5) Fuc (1)	N[+1769]	1292.581	2	2584.155	2584.138	6.4	555.6	18.3665
90	E. IQN[+1913.677]LTVK. L	HexNAc (4) Hex (5) NeuAc (1)	N[+1914]	1365.099	2	2729.19	2729.176	5.2	556.7	21.5522
90	E. IQN[+1216.423]LTVK. L	HexNAc (2) Hex (5)	N[+1216]	1016.467	2	2031.927	2031.921	2.6	557.2	18.7325
90	E. IQN[+2204.772]LTVK. L	HexNAc (4) Hex (5) NeuAc (2)	N[+2205]	1510.633	2	3020.258	3020.271	-4.2	557.8	26.0575
90	E. IQN[+1606.587]LTVK. L	HexNAc (4) Hex (4) Fuc (1)	N[+1607]	1211.547	2	2422.086	2422.085	0.2	560.2	18.82
90	E. IQN[+1897.682]LTVK. L	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	N[+1898]	1357.092	2	2713.176	2713.181	-1.7	571.9	21.624
90	E. IQN[+2350.830]LTVK. L	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	N[+2351]	1583.677	2	3166.346	3166.329	5.4	582.4	25.9263
90	E. IQN[+2059.735]LTVK. L	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	N[+2060]	1438.12	2	2875.233	2875.234	-0.1	611.4	21.5448
103	K. LQLQALQQN[+2313.873]GSSVLSE. D	HexNAc (9) Hex (3)	N[+2314]	1343.6	3	4028.785	4028.77	3.7	151.4	35.767
103	K. LQLQALQQN[+2350.830]GSSVLSE. D	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	N[+2351]	1017.191	4	4065.743	4065.727	3.8	153	34.6508
103	K. LQLQALQQN[+1241.454]GSSVLSE. D	HexNAc (3) Hex (3) Fuc (1)	N[+1241]	1478.659	2	2956.31	2956.352	-14	155.7	35.5503
103	K. LQLQALQQN[+3663.286]GSSVLSEDK. S	HexNAc (6) Hex (7) Fuc (1) NeuAc (4)	N[+3663]	1406.103	4	5621.39	5621.305	15.3	158.2	47.791
103	K. LQLQALQQN[+2407.852]GSSVLSED. K	HexNAc (5) Hex (5) NeuAc (2)	N[+2408]	1413.27	3	4237.795	4237.776	4.6	159.5	34.239
103	K. LQLQALQQN[+1850.693]GSSVLSEDK. S	HexNAc (6) Hex (3) Fuc (1)	N[+1851]	1270.232	3	3808.681	3808.712	-8	163	38.7612
103	K. LQLQALQQN[+2157.783]GSSVLSE. D	HexNAc (6) Hex (4) NeuAc (1)	N[+2158]	1291.551	3	3872.637	3872.68	-11.1	163.8	31.2913
103	K. LQLQALQQN[+1866.688]GSSVLSE. D	HexNAc (6) Hex (4)	N[+1867]	1194.546	3	3581.625	3581.585	11.2	179.1	31.3053
103	K. LQLQALQQN[+1704.635]GSSVLSE. D	HexNAc (6) Hex (3)	N[+1705]	1140.53	3	3419.577	3419.532	13.2	185.1	31.1992
103	K. LQLQALQQN[+1751.624]GSSVLSED. K	HexNAc (4) Hex (4) NeuAc (1)	N[+1752]	1194.536	3	3581.594	3581.548	12.7	188.9	31.6645
103	K. LQLQALQQN[+2919.042]GSSVLSEDK. S	HexNAc (6) Hex (6) Fuc (1) NeuAc (2)	N[+2919]	976.223	5	4877.086	4877.061	5.2	194.1	28.474
103	K. LQLQALQQN[+2028.740]GSSVLSE. D	HexNAc (6) Hex (5)	N[+2029]	1248.566	3	3743.682	3743.637	12	197.2	30.9475
103	K. LQLQALQQN[+2272.846]GSSVLSEDK. S	HexNAc (8) Hex (4)	N[+2273]	1058.476	4	4230.883	4230.865	4.3	198.1	35.6698
103	K. LQLQALQQN[+1850.693]GSSVLSED. K	HexNAc (6) Hex (3) Fuc (1)	N[+1851]	920.904	4	3680.594	3680.617	-6.1	200.6	23.866
103	K. LQLQALQQN[+1897.682]GSSVLSED. K	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	N[+1898]	1243.217	3	3727.636	3727.606	8	202.3	31.9373

103	K. LQLQALQQN[+2059. 735]GSSVLSED. K	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	N[+2060]	1297. 207	3	3889. 606	3889. 659	-13. 6	207. 8	31. 3418
103	K. LQLQALQQN[+1946. 687]GSSVLSED. K	HexNAc (4) Hex (7)	N[+1947]	1259. 541	3	3776. 608	3776. 611	-0. 9	210. 1	28. 697
103	K. LQLQALQQN[+1694. 603]GSSVLSED. K	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	N[+1695]	1175. 519	3	3524. 541	3524. 527	4. 1	215. 7	35. 5147
103	K. LQLQALQQN[+2245. 799]GSSVLSED. K	HexNAc (5) Hex (4) NeuAc (2)	N[+2246]	1359. 226	3	4075. 663	4075. 723	-14. 6	174. 6	31. 3203
103	K. LQLQALQQN[+2018. 708]GSSVLSEDK. S	HexNAc (3) Hex (6) Fuc (1) NeuAc (1)	N[+2019]	1326. 24	3	3976. 706	3976. 727	-5. 5	179. 5	38. 7292
103	K. LQLQALQQN[+2459. 931]GSSVLSED. K	HexNAc (9) Hex (3) Fuc (1)	N[+2460]	1430. 627	3	4289. 865	4289. 855	2. 4	180. 3	34. 3205
103	K. LQLQALQQN[+1987. 714]GSSVLSE. D	HexNAc (5) Hex (6)	N[+1988]	1234. 87	3	3702. 594	3702. 611	-4. 5	185. 5	35. 4177
103	K. LQLQALQQN[+2789. 999]GSSVLSEDK. S	HexNAc (6) Hex (7) Fuc (1) NeuAc (1)	N[+2790]	1583. 346	3	4748. 024	4748. 018	1. 2	187. 6	37. 7973
103	K. LQLQALQQN[+1913. 677]GSSVLSED. K	HexNAc (4) Hex (5) NeuAc (1)	N[+1914]	1248. 519	3	3743. 544	3743. 601	-15. 3	189. 7	31. 306
103	K. LQLQALQQN[+2221. 788]GSSVLSE. D	HexNAc (4) Hex (6) Fuc (1) NeuAc (1)	N[+2222]	1312. 899	3	3936. 682	3936. 685	-0. 8	199. 6	38. 8165
103	K. LQLQALQQN[+1907. 714]GSSVLSE. D	HexNAc (7) Hex (3)	N[+1908]	1208. 215	3	3622. 631	3622. 611	5. 4	216. 5	31. 4667
103	K. LQLQALQQN[+2424. 867]GSSVLSE. D	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	N[+2425]	1380. 594	3	4139. 767	4139. 764	0. 6	219. 1	38. 4975
103	K. LQLQALQQN[+2498. 904]GSSVLSEDK. S	HexNAc (6) Hex (7) Fuc (1)	N[+2499]	1486. 31	3	4456. 915	4456. 923	-1. 7	237. 9	33. 6448
103	K. LQLQALQQN[+2204. 772]GSSVLSED. K	HexNAc (4) Hex (5) NeuAc (2)	N[+2205]	1345. 591	3	4034. 759	4034. 696	15. 5	248. 1	34. 0247
103	K. LQLQALQQN[+1954. 704]GSSVLSED. K	HexNAc (5) Hex (4) NeuAc (1)	N[+1955]	1262. 224	3	3784. 656	3784. 628	7. 5	261. 1	31. 5493
103	K. LQLQALQQN[+1971. 719]GSSVLSE. D	HexNAc (5) Hex (5) Fuc (1)	N[+1972]	1229. 535	3	3686. 59	3686. 616	-7. 1	269. 2	35. 2805
103	K. LQLQALQQN[+1647. 613]GSSVLSE. D	HexNAc (5) Hex (3) Fuc (1)	N[+1648]	1121. 494	3	3362. 468	3362. 51	-12. 5	273. 5	35. 6058
103	K. LQLQALQQN[+3372. 190]GSSVLSEDK. S	HexNAc (6) Hex (7) Fuc (1) NeuAc (3)	N[+3372]	1333. 297	4	5330. 164	5330. 209	-8. 4	281. 1	40. 9863
103	K. LQLQALQQN[+2116. 756]GSSVLSED. K	HexNAc (5) Hex (5) NeuAc (1)	N[+2117]	1316. 245	3	3946. 721	3946. 68	10. 3	284. 1	30. 9838
103	K. LQLQALQQN[+2262. 814]GSSVLSE. D	HexNAc (5) Hex (5) Fuc (1) NeuAc (1)	N[+2263]	1326. 58	3	3977. 724	3977. 711	3. 2	314. 7	38. 747
103	K. LQLQALQQN[+1589. 571]GSSVLSED. K	HexNAc (4) Hex (3) NeuAc (1)	N[+1590]	1140. 526	3	3419. 563	3419. 495	19. 9	330. 3	31. 4595
103	K. LQLQALQQN[+2350. 793]GSSVLSEDK. S	HexNAc (2) Hex (12)	N[+2351]	1436. 92	3	4308. 747	4308. 812	-15. 1	332. 6	39. 4053
103	K. LQLQALQQN[+2069. 767]GSSVLSEDK. S	HexNAc (7) Hex (4)	N[+2070]	1343. 248	3	4027. 728	4027. 786	-14. 3	335. 2	35. 1595
103	K. LQLQALQQN[+2350. 793]GSSVLSE. D	HexNAc (2) Hex (12)	N[+2351]	1355. 879	3	4065. 623	4065. 69	-16. 4	336. 3	43. 6648
103	K. LQLQALQQN[+1897. 682]GSSVLSE. D	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	N[+1898]	1204. 878	3	3612. 619	3612. 579	11	345. 1	39. 036
103	K. LQLQALQQN[+1403. 507]GSSVLSEDK. S	HexNAc (3) Hex (4) Fuc (1)	N[+1404]	1681. 249	2	3361. 49	3361. 526	-10. 8	371. 4	34. 1275
103	K. LQLQALQQN[+2336. 851]GSSVLSEDK. S	HexNAc (6) Hex (6) Fuc (1)	N[+2337]	1432. 273	3	4294. 803	4294. 87	-15. 6	433. 4	31. 2222
103	K. LQLQALQQN[+1298. 476]GSSVLSEDK. S	HexNAc (4) Hex (3)	N[+1298]	1086. 159	3	3256. 463	3256. 495	-9. 8	442. 8	31. 3922
103	K. LQLQALQQN[+1694. 603]GSSVLSEDK. S	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	N[+1695]	1826. 8	2	3652. 593	3652. 622	-7. 8	452. 8	34. 3637
103	K. LQLQALQQN[+2627. 947]GSSVLSEDK. S	HexNAc (6) Hex (6) Fuc (1) NeuAc (1)	N[+2628]	1529. 329	3	4585. 973	4585. 965	1. 6	469. 2	33. 7628
103	K. LQLQALQQN[+1954. 704]GSSVLSEDK. S	HexNAc (5) Hex (4) NeuAc (1)	N[+1955]	1304. 904	3	3912. 698	3912. 723	-6. 3	474. 4	31. 4952
103	K. LQLQALQQN[+1809. 666]GSSVLSE. D	HexNAc (5) Hex (4) Fuc (1)	N[+1810]	1175. 519	3	3524. 541	3524. 563	-6. 2	501	35. 2302
103	K. LQLQALQQN[+1606. 587]GSSVLSE. D	HexNAc (4) Hex (4) Fuc (1)	N[+1607]	1107. 839	3	3321. 501	3321. 484	5. 2	501. 7	35. 3535
103	K. LQLQALQQN[+1444. 534]GSSVLSE. D	HexNAc (4) Hex (3) Fuc (1)	N[+1445]	1053. 822	3	3159. 452	3159. 431	6. 6	511. 4	35. 2662
103	K. LQLQALQQN[+2434. 899]GSSVLSEDK. S	HexNAc (8) Hex (5)	N[+2435]	1464. 972	3	4392. 901	4392. 918	-3. 8	521. 3	33. 6133
103	K. LQLQALQQN[+2278. 809]GSSVLSEDK. S	HexNAc (5) Hex (6) NeuAc (1)	N[+2279]	1412. 952	3	4236. 841	4236. 828	3. 1	525. 8	34. 3423
103	K. LQLQALQQN[+2174. 798]GSSVLSEDK. S	HexNAc (6) Hex (5) Fuc (1)	N[+2175]	1378. 258	3	4132. 76	4132. 817	-13. 8	527. 9	30. 8767
103	K. LQLQALQQN[+1913. 677]GSSVLSEDK. S	HexNAc (4) Hex (5) NeuAc (1)	N[+1914]	1291. 247	3	3871. 727	3871. 696	7. 9	534. 2	34. 2968

103	K. LQLQALQQN[+1622. 582]GSSVLSEDK. S	HexNAc (4) Hex (5)	N[+1623]	1194. 189	3	3580. 552	3580. 601	-13. 4	540. 8	31. 3912
103	K. LQLQALQQN[+3007. 058]GSSVLSEDK. S	HexNAc (5) Hex (6) Fuc (1) NeuAc (3)	N[+3007]	1242. 009	4	4965. 016	4965. 077	-12. 3	549. 5	41. 3742
103	K. LQLQALQQN[+2715. 963]GSSVLSEDK. S	HexNAc (5) Hex (6) Fuc (1) NeuAc (2)	N[+2716]	1558. 654	3	4673. 948	4673. 981	-7. 3	551. 9	37. 1167
103	K. LQLQALQQN[+2424. 867]GSSVLSEDK. S	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	N[+2425]	1461. 648	3	4382. 929	4382. 886	9. 7	582. 5	33. 838
103	K. LQLQALQQN[+1768. 640]GSSVLSE. D	HexNAc (4) Hex (5) Fuc (1)	N[+1769]	1161. 843	3	3483. 514	3483. 537	-6. 4	582. 8	34. 9362
103	K. LQLQALQQN[+1403. 507]GSSVLSEDK. S	HexNAc (3) Hex (4) Fuc (1)	N[+1404]	1121. 177	3	3361. 516	3361. 526	-2. 9	586. 1	31. 2637
103	K. LQLQALQQN[+1971. 719]GSSVLSEDK. S	HexNAc (5) Hex (5) Fuc (1)	N[+1972]	983. 189	4	3929. 736	3929. 738	-0. 5	595. 3	31. 1235
103	K. LQLQALQQN[+3007. 058]GSSVLSEDK. S	HexNAc (5) Hex (6) Fuc (1) NeuAc (3)	N[+3007]	1655. 703	3	4965. 096	4965. 077	3. 8	605. 8	41. 122
103	K. LQLQALQQN[+2075. 730]GSSVLSE. D	HexNAc (4) Hex (6) NeuAc (1)	N[+2076]	1264. 2	3	3790. 585	3790. 627	-11	632. 3	38. 5855
103	K. LQLQALQQN[+2133. 772]GSSVLSEDK. S	HexNAc (5) Hex (6) Fuc (1)	N[+2134]	1364. 593	3	4091. 763	4091. 791	-6. 6	634. 8	30. 8267
103	K. LQLQALQQN[+1809. 666]GSSVLSEDK. S	HexNAc (5) Hex (4) Fuc (1)	N[+1810]	942. 673	4	3767. 669	3767. 685	-4. 3	636. 7	31. 0737
103	K. LQLQALQQN[+1930. 692]GSSVLSEDK. S	HexNAc (4) Hex (6) Fuc (1)	N[+1931]	1296. 924	3	3888. 756	3888. 711	11. 6	637. 1	31. 0197
103	K. LQLQALQQN[+2350. 830]GSSVLSE. D	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	N[+2351]	1355. 911	3	4065. 72	4065. 727	-1. 9	692. 7	43. 3783
103	K. LQLQALQQN[+2059. 735]GSSVLSE. D	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	N[+2060]	1258. 88	3	3774. 624	3774. 632	-2. 1	707	38. 9073
103	K. LQLQALQQN[+2204. 772]GSSVLSEDK. S	HexNAc (4) Hex (5) NeuAc (2)	N[+2205]	1388. 28	3	4162. 824	4162. 791	7. 9	711. 9	33. 5562
103	K. LQLQALQQN[+1606. 587]GSSVLSEDK. S	HexNAc (4) Hex (4) Fuc (1)	N[+1607]	1782. 802	2	3564. 596	3564. 606	-2. 7	718. 5	31. 0807
103	K. LQLQALQQN[+1241. 454]GSSVLSEDK. S	HexNAc (3) Hex (3) Fuc (1)	N[+1241]	1600. 246	2	3199. 484	3199. 473	3. 4	728. 7	31. 3322
103	K. LQLQALQQN[+1663. 608]GSSVLSEDK. S	HexNAc (5) Hex (4)	N[+1664]	1207. 886	3	3621. 644	3621. 627	4. 5	742. 6	31. 3178
103	K. LQLQALQQN[+1897. 682]GSSVLSEDK. S	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	N[+1898]	1285. 891	3	3855. 659	3855. 701	-11	761	34. 1818
103	K. LQLQALQQN[+2059. 735]GSSVLSEDK. S	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	N[+2060]	1005. 193	4	4017. 75	4017. 754	-1	762. 4	33. 9282
103	K. LQLQALQQN[+2262. 814]GSSVLSEDK. S	HexNAc (5) Hex (5) Fuc (1) NeuAc (1)	N[+2263]	1407. 612	3	4220. 821	4220. 833	-3	763. 2	33. 957
103	K. LQLQALQQN[+2100. 761]GSSVLSEDK. S	HexNAc (5) Hex (4) Fuc (1) NeuAc (1)	N[+2101]	1353. 597	3	4058. 775	4058. 78	-1. 2	763. 7	34. 2922
103	K. LQLQALQQN[+2350. 830]GSSVLSEDK. S	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	N[+2351]	1077. 962	4	4308. 828	4308. 849	-5	777. 7	37. 2408
103	K. LQLQALQQN[+2221. 788]GSSVLSEDK. S	HexNAc (4) Hex (6) Fuc (1) NeuAc (1)	N[+2222]	1393. 948	3	4179. 829	4179. 807	5. 2	779. 8	33. 8165
103	K. LQLQALQQN[+1241. 454]GSSVLSEDK. S	HexNAc (3) Hex (3) Fuc (1)	N[+1241]	1067. 161	3	3199. 467	3199. 473	-2	821. 8	31. 3107
103	K. LQLQALQQN[+1444. 534]GSSVLSEDK. S	HexNAc (4) Hex (3) Fuc (1)	N[+1445]	1701. 794	2	3402. 58	3402. 553	8. 1	839	31. 2352
103	K. LQLQALQQN[+2075. 730]GSSVLSEDK. S	HexNAc (4) Hex (6) NeuAc (1)	N[+2076]	1345. 255	3	4033. 75	4033. 749	0. 2	840. 6	33. 6377
103	K. LQLQALQQN[+1647. 613]GSSVLSEDK. S	HexNAc (5) Hex (3) Fuc (1)	N[+1648]	1202. 534	3	3605. 588	3605. 632	-12. 3	855. 1	31. 088
103	K. LQLQALQQN[+1809. 666]GSSVLSEDK. S	HexNAc (5) Hex (4) Fuc (1)	N[+1810]	1256. 572	3	3767. 701	3767. 685	4. 3	877. 9	31. 1627
103	K. LQLQALQQN[+1971. 719]GSSVLSEDK. S	HexNAc (5) Hex (5) Fuc (1)	N[+1972]	1310. 579	3	3929. 723	3929. 738	-3. 8	884. 8	30. 9328
103	K. LQLQALQQN[+1768. 640]GSSVLSEDK. S	HexNAc (4) Hex (5) Fuc (1)	N[+1769]	1242. 893	3	3726. 666	3726. 658	2	947. 2	30. 9255
103	K. LQLQALQQN[+1825. 661]GSSVLSEDK. S	HexNAc (5) Hex (5)	N[+1826]	1261. 903	3	3783. 694	3783. 68	3. 7	948. 1	31. 027
103	K. LQLQALQQN[+1606. 587]GSSVLSEDK. S	HexNAc (4) Hex (4) Fuc (1)	N[+1607]	1188. 868	3	3564. 588	3564. 606	-4. 9	960. 7	31. 1702
103	K. LQLQALQQN[+1444. 534]GSSVLSEDK. S	HexNAc (4) Hex (3) Fuc (1)	N[+1445]	1134. 86	3	3402. 565	3402. 553	3. 7	992	31. 2817
103	K. LQLQALQQN[+2350. 830]GSSVLSEDK. S	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	N[+2351]	1436. 96	3	4308. 865	4308. 849	3. 6	992. 2	37. 3538
103	K. LQLQALQQN[+2059. 735]GSSVLSEDK. S	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	N[+2060]	1339. 926	3	4017. 764	4017. 754	2. 6	1000. 4	34. 16
322	E. AEKFFVSVGLPN[+2018. 708]M[+15. 995]TQGFWE. N	HexNAc (3) Hex (6) Fuc (1) NeuAc (1)	M[+16], N[+2019]	845. 158	5	4221. 761	4221. 761	-0. 1	176. 6	17. 2725

322	E. KFFVSVGLPN[+2313.873]MTQGFWE. N	HexNAc (9) Hex (3)	N[+2314]	1434.263	3	4300.774	4300.851	-18	156.6	52.2228
322	E. KFFVSVGLPN[+2596.952]MTQGFWENSMLTD. P	HexNAc (8) Hex (6)	N[+2597]	1049.855	5	5245.243	5245.204	7.5	159.2	24.8197
322	E. KFFVSVGLPN[+2100.761]MTQGFWENSMLTD. P	HexNAc (5) Hex (4) Fuc (1) NeuAc (1)	N[+2101]	1188.011	4	4749.022	4749.014	1.7	170.1	40.1542
322	K. FFVSVGLPN[+1825.661]MTQGFWE. N	HexNAc (5) Hex (5)	N[+1826]	1228.876	3	3684.615	3684.544	19.1	153.4	40.4927
322	K. FFVSVGLPN[+1216.423]MTQGFWE. N	HexNAc (2) Hex (5)	N[+1216]	1025.784	3	3075.339	3075.306	10.6	156.6	27.614
322	K. FFVSVGLPN[+2756.989]M[+15.995]TQGFWE. N	HexNAc (6) Hex (5) Fuc (1) NeuAc (2)	M[+16], N[+2757]	1544.628	3	4631.869	4631.867	0.4	157.6	51.834
322	K. FFVSVGLPN[+2715.963]MTQGFWE. N	HexNAc (5) Hex (6) Fuc (1) NeuAc (2)	N[+2716]	1144.462	4	4574.827	4574.846	-4.2	160.8	34.9477
322	K. FFVSVGLPN[+1866.688]MTQGFWE. N	HexNAc (6) Hex (4)	N[+1867]	1242.519	3	3725.542	3725.571	-7.7	160.8	40.848
322	K. FFVSVGLPN[+2133.772]M[+15.995]TQGFWE. N	HexNAc (5) Hex (6) Fuc (1)	M[+16], N[+2134]	1336.869	3	4008.593	4008.65	-14.3	162.8	45.4038
322	K. FFVSVGLPN[+3446.227]MTQGFWE. N	HexNAc (7) Hex (8) Fuc (1) NeuAc (2)	N[+3446]	1327.031	4	5305.104	5305.11	-1.3	166.4	51.8973
322	K. FFVSVGLPN[+1501.555]MTQGFWE. N	HexNAc (5) Hex (3)	N[+1502]	1120.797	3	3360.376	3360.439	-18.7	169	40.7138
322	K. FFVSVGLPN[+2555.925]MTQGFWE. N	HexNAc (7) Hex (7)	N[+2556]	1472.269	3	4414.791	4414.809	-4	170.8	40.3263
322	K. FFVSVGLPN[+2772.984]MTQGFWE. N	HexNAc (6) Hex (6) NeuAc (2)	N[+2773]	1158.733	4	4631.91	4631.867	9.2	172.5	47.7023
322	K. FFVSVGLPN[+2498.904]MTQGFWE. N	HexNAc (6) Hex (7) Fuc (1)	N[+2499]	1453.255	3	4357.752	4357.787	-8.1	172.8	43.7243
322	K. FFVSVGLPN[+3155.132]MTQGFWE. N	HexNAc (7) Hex (8) Fuc (1) NeuAc (1)	N[+3155]	1254.24	4	5013.936	5014.015	-15.7	173	47.5892
322	K. FFVSVGLPN[+2157.783]MTQGFWE. N	HexNAc (6) Hex (4) NeuAc (1)	N[+2158]	1339.575	3	4016.709	4016.666	10.7	173.8	43.8905
322	K. FFVSVGLPN[+2393.873]MTQGFWE. N	HexNAc (7) Hex (6)	N[+2394]	1418.243	3	4252.713	4252.756	-10	173.8	40.44
322	K. FFVSVGLPN[+2539.930]M[+15.995]TQGFWE. N	HexNAc (7) Hex (6) Fuc (1)	M[+16], N[+2540]	1104.443	4	4414.75	4414.809	-13.3	175.8	40.2257
322	K. FFVSVGLPN[+3048.084]M[+15.995]TQGFWE. N	HexNAc (6) Hex (5) Fuc (1) NeuAc (3)	M[+16], N[+3048]	1641.675	3	4923.009	4922.963	9.5	176.8	52.1102
322	K. FFVSVGLPN[+2498.904]M[+15.995]TQGFWE. N	HexNAc (6) Hex (7) Fuc (1)	M[+16], N[+2499]	1458.594	3	4373.767	4373.782	-3.4	178.4	45.2772
322	K. FFVSVGLPN[+2481.889]MTQGFWE. N	HexNAc (6) Hex (6) NeuAc (1)	N[+2482]	1447.574	3	4340.707	4340.772	-15	186	43.6155
322	K. FFVSVGLPN[+2481.889]MTQGFWENSMLTDPGNVQK. A	HexNAc (6) Hex (6) NeuAc (1)	N[+2482]	1407.102	4	5625.387	5625.385	0.3	187.8	45.407
322	K. FFVSVGLPN[+2116.756]MTQGFWE. N	HexNAc (5) Hex (5) NeuAc (1)	N[+2117]	1325.874	3	3975.608	3975.64	-7.9	188.3	43.9628
322	K. FFVSVGLPN[+3446.227]MTQGFWE. N	HexNAc (7) Hex (8) Fuc (1) NeuAc (2)	N[+3446]	1769.027	3	5305.068	5305.11	-8	191.3	51.8198
322	K. FFVSVGLPN[+2141.788]M[+15.995]TQGFWE. N	HexNAc (6) Hex (3) Fuc (1) NeuAc (1)	M[+16], N[+2142]	1339.585	3	4016.74	4016.666	18.4	192.1	45.4322
322	K. FFVSVGLPN[+1704.635]MTQGFWE. N	HexNAc (6) Hex (3)	N[+1705]	1188.517	3	3563.535	3563.518	4.8	192.4	40.6633
322	K. FFVSVGLPN[+2215.825]M[+15.995]TQGFWE. N	HexNAc (7) Hex (4) Fuc (1)	M[+16], N[+2216]	1364.238	3	4090.699	4090.703	-1	192.6	40.6283
322	K. FFVSVGLPN[+3155.132]MTQGFWE. N	HexNAc (7) Hex (8) Fuc (1) NeuAc (1)	N[+3155]	1672.003	3	5013.996	5014.015	-3.8	203.2	47.4213
322	K. FFVSVGLPN[+1663.608]MTQGFWE. N	HexNAc (5) Hex (4)	N[+1664]	1174.825	3	3522.461	3522.491	-8.6	206.6	40.7413
322	K. FFVSVGLPN[+1704.635]M[+15.995]TQGFWE. N	HexNAc (6) Hex (3)	M[+16], N[+1705]	1193.842	3	3579.511	3579.513	-0.6	207.5	40.8583
322	K. FFVSVGLPN[+2133.772]MTQGFWE. N	HexNAc (5) Hex (6) Fuc (1)	N[+2134]	1331.541	3	3992.609	3992.655	-11.5	210.5	48.9195
322	K. FFVSVGLPN[+2805.994]MTQGFWE. N	HexNAc (6) Hex (8) NeuAc (1)	N[+2806]	1555.614	3	4664.828	4664.878	-10.6	166.4	52.2385

322	K. FVSVGLPN[+1809.666]M[+15.995]TQGFWE. N	HexNAc (5) Hex (4) Fuc (1)	M[+16], N[+1810]	1228.856	3	3684.554	3684.544	2.6	168.3	40.618
322	K. FVSVGLPN[+2424.867]M[+15.995]TQGFWE. N	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	M[+16], N[+2425]	1433.926	3	4299.763	4299.745	4	173.3	49.56
322	K. FVSVGLPN[+1257.449]M[+15.995]TQGFWE. N	HexNAc (3) Hex (4)	M[+16], N[+1257]	1044.766	3	3132.282	3132.328	-14.4	176.5	41.1063
322	K. FVSVGLPN[+2539.930]M[+15.995]TQGFWE. N	HexNAc (7) Hex (6) Fuc (1)	M[+16], N[+2540]	1472.262	3	4414.772	4414.809	-8.3	180.1	40.1018
322	K. FVSVGLPN[+2432.884]M[+15.995]TQGFWE. N	HexNAc (6) Hex (3) Fuc (1) NeuAc (2)	M[+16], N[+2433]	1436.573	3	4307.704	4307.762	-13.4	188.9	49.4733
322	K. FVSVGLPN[+2028.740]MTQGFWE. N	HexNAc (6) Hex (5)	N[+2029]	1296.525	3	3887.561	3887.624	-16.2	201.2	40.54
322	K. FVSVGLPN[+2190.793]MTQGFWE. N	HexNAc (6) Hex (6)	N[+2191]	1350.556	3	4049.653	4049.676	-5.7	201.8	40.4187
322	K. FVSVGLPN[+3081.095]MTQGFWE. N	HexNAc (6) Hex (7) Fuc (1) NeuAc (2)	N[+3081]	1647.324	3	4939.957	4939.978	-4.3	220.1	56.4078
322	K. FVSVGLPN[+1850.693]M[+15.995]TQGFWE. N	HexNAc (6) Hex (3) Fuc (1)	M[+16], N[+1851]	1242.524	3	3725.557	3725.571	-3.7	223.9	40.6642
322	K. FVSVGLPN[+2772.984]MTQGFWE. N	HexNAc (6) Hex (6) NeuAc (2)	N[+2773]	1544.628	3	4631.869	4631.867	0.4	248	47.9803
322	K. FVSVGLPN[+1907.714]MTQGFWE. N	HexNAc (7) Hex (3)	N[+1908]	1256.195	3	3766.571	3766.597	-6.9	260.7	40.5827
322	K. FVSVGLPN[+2715.963]MTQGFWE. N	HexNAc (5) Hex (6) Fuc (1) NeuAc (2)	N[+2716]	1525.602	3	4574.791	4574.846	-12	276	56.5225
322	K. FVSVGLPN[+2789.999]MTQGFWE. N	HexNAc (6) Hex (7) Fuc (1) NeuAc (1)	N[+2790]	1550.304	3	4648.896	4648.883	2.9	356.7	52.0325
322	K. FVSVGLPN[+2424.867]MTQGFWE. N	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	N[+2425]	1428.579	3	4283.723	4283.75	-6.5	370.7	52.2158
432	D. FQEDN[+1589.571]E. T	HexNAc (4) Hex (3) NeuAc (1)	N[+1590]	1185.935	2	2370.862	2370.871	-3.9	198.2	26.95
432	E. DN[+1897.682]ETE. I	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	N[+1898]	1252.949	2	2504.891	2504.903	-4.7	160	38.829
432	E. DN[+2174.798]ETE. I	HexNAc (6) Hex (5) Fuc (1)	N[+2175]	1391.518	2	2782.028	2782.019	3.3	170.6	33.0807
432	E. DN[+2157.783]ETE. I	HexNAc (6) Hex (4) NeuAc (1)	N[+2158]	1382.979	2	2764.951	2765.004	-19.2	184.8	32.8887
432	E. DN[+1866.688]ETE. I	HexNAc (6) Hex (4)	N[+1867]	1237.458	2	2473.908	2473.908	-0.1	195	27.0203
432	D. N[+2424.867]ETEINFLK. Q	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	N[+2425]	1215.822	3	3645.451	3645.519	-18.7	150.6	29.8285
432	D. N[+2919.042]ETEINFLK. Q	HexNAc (6) Hex (6) Fuc (1) NeuAc (2)	N[+2919]	1380.561	3	4139.67	4139.694	-5.9	154.3	38.7683
432	D. N[+4102.455]E. T	HexNAc (8) Hex (9) Fuc (1) NeuAc (3)	N[+4102]	1455.543	3	4364.616	4364.558	13.3	155.5	42.3117
432	D. N[+2272.846]ETE. I	HexNAc (8) Hex (4)	N[+2273]	1383.001	2	2764.995	2765.04	-16.3	158.1	32.6785
432	D. N[+1038.375]ETE. I	HexNAc (2) Hex (3) Fuc (1)	N[+1038]	765.777	2	1530.546	1530.569	-14.7	158.6	27.3618
432	D. N[+2432.884]E. T	HexNAc (6) Hex (3) Fuc (1) NeuAc (2)	N[+2433]	1348.018	2	2695.029	2694.987	15.5	165.9	20.3218
432	D. N[+2715.963]ETEINFLK. Q	HexNAc (5) Hex (6) Fuc (1) NeuAc (2)	N[+2716]	1312.873	3	3936.603	3936.615	-3	166	35.6165
432	D. N[+3009.074]ETE. I	HexNAc (7) Hex (8) NeuAc (1)	N[+3009]	1167.76	3	3501.266	3501.267	-0.3	169.4	34.7685
432	D. N[+1954.704]ETE. I	HexNAc (5) Hex (4) NeuAc (1)	N[+1955]	1223.961	2	2446.915	2446.897	7.2	175.8	47.6882
432	D. N[+1938.709]ETEINFLK. Q	HexNAc (5) Hex (3) Fuc (1) NeuAc (1)	N[+1939]	1053.794	3	3159.367	3159.361	1.9	176.2	35.9307
432	D. N[+2391.857]ETEINFLK. Q	HexNAc (5) Hex (4) Fuc (1) NeuAc (2)	N[+2392]	1204.822	3	3612.451	3612.509	-16	187.7	39.1567
432	D. N[+3007.058]ETEINFLK. Q	HexNAc (5) Hex (6) Fuc (1) NeuAc (3)	N[+3007]	1057.685	4	4227.717	4227.71	1.6	188.8	38.4357
432	D. N[+2475.926]ETE. I	HexNAc (9) Hex (4)	N[+2476]	990.033	3	2968.085	2968.119	-11.7	197.9	33.0878
432	D. N[+2475.926]ETE. I	HexNAc (9) Hex (4)	N[+2476]	1484.535	2	2968.063	2968.119	-18.9	198.4	32.9718
432	D. N[+4307.550]ETE. I	HexNAc (11) Hex (11) NeuAc (1)	N[+4308]	1600.585	3	4799.741	4799.743	-0.5	199.5	54.1323

432	D. N[+2245. 799]E. T	HexNAc (5) Hex (4) NeuAc (2)	N[+2246]	1254. 433	2	2507. 86	2507. 902	-17. 1	201. 8	18. 5895
432	D. N[+2498. 904]ETEINFLK. Q	HexNAc (6) Hex (7) Fuc (1)	N[+2499]	930. 657	4	3719. 606	3719. 556	13. 5	189. 7	25. 4858
546	E. GPLHKDISN[+1809. 666]STE. A	HexNAc (5) Hex (4) Fuc (1)	N[+1810]	1070. 758	3	3210. 26	3210. 314	-16. 6	156. 8	28. 4725
546	E. GPLHKDISN[+2553. 910]STE. A	HexNAc (5) Hex (5) Fuc (1) NeuAc (2)	N[+2554]	1318. 861	3	3954. 567	3954. 557	2. 5	206. 1	28. 6633
546	K. CDISN[+2174. 798]STE. A	HexNAc (6) Hex (5) Fuc (1)	N[+2175]	1522. 06	2	3043. 112	3043. 134	-7. 2	150	26. 696
546	K. C[+57. 021]DISN[+2407. 852]STE. A	HexNAc (5) Hex (5) NeuAc (2)	C[+57], N[+2408]	1111. 737	3	3333. 196	3333. 209	-3. 7	154. 2	31. 7012
546	K. CDISN[+3155. 132]STE. A	HexNAc (7) Hex (8) Fuc (1) NeuAc (1)	N[+3155]	1341. 813	3	4023. 425	4023. 467	-10. 3	154. 2	24. 6203
546	K. CDISN[+2133. 772]STE. A	HexNAc (5) Hex (6) Fuc (1)	N[+2134]	1001. 373	3	3002. 104	3002. 107	-0. 9	156	20. 7163
546	K. CDISN[+2465. 894]STE. A	HexNAc (6) Hex (5) Fuc (1) NeuAc (1)	N[+2466]	1112. 087	3	3334. 245	3334. 229	4. 8	158. 1	26. 9023
546	K. CDISN[+2481. 889]STE. A	HexNAc (6) Hex (6) NeuAc (1)	N[+2482]	1117. 408	3	3350. 209	3350. 224	-4. 4	159. 6	31. 9087
546	K. CDISN[+1460. 529]STE. A	HexNAc (4) Hex (4)	N[+1461]	1164. 93	2	2328. 852	2328. 864	-5. 3	159. 9	26. 6788
546	K. CDISN[+2407. 852]STE. A	HexNAc (5) Hex (5) NeuAc (2)	N[+2408]	1092. 742	3	3276. 211	3276. 187	7. 2	164. 8	45. 1913
546	K. CDISN[+2772. 984]STE. A	HexNAc (6) Hex (6) NeuAc (2)	N[+2773]	1214. 452	3	3641. 341	3641. 319	5. 9	166. 4	44. 2002
546	K. CDISN[+2789. 999]STE. A	HexNAc (6) Hex (7) Fuc (1) NeuAc (1)	N[+2790]	1220. 12	3	3658. 345	3658. 335	2. 8	166. 7	24. 786
546	K. CDISN[+2157. 783]STE. A	HexNAc (6) Hex (4) NeuAc (1)	N[+2158]	1513. 587	2	3026. 167	3026. 118	16. 2	167. 1	38. 3618
546	K. CDISN[+2498. 904]STE. A	HexNAc (6) Hex (7) Fuc (1)	N[+2499]	1123. 089	3	3367. 252	3367. 239	3. 7	167. 1	20. 4702
546	K. CDISN[+2864. 036]STE. A	HexNAc (7) Hex (8) Fuc (1)	N[+2864]	1244. 803	3	3732. 395	3732. 371	6. 4	168. 1	19. 7848
546	K. CDISN[+1930. 692]STE. A	HexNAc (4) Hex (6) Fuc (1)	N[+1931]	933. 691	3	2799. 058	2799. 028	10. 7	168. 3	20. 6697
546	K. C[+57. 021]DISN[+1971. 719]STE. A	HexNAc (5) Hex (5) Fuc (1)	C[+57], N[+1972]	1449. 021	2	2897. 034	2897. 076	-14. 4	169. 2	26. 938
546	K. CDISN[+1930. 692]STE. A	HexNAc (4) Hex (6) Fuc (1)	N[+1931]	1399. 991	2	2798. 974	2799. 028	-19. 1	171. 7	20. 9703
546	K. CDISN[+3009. 074]STE. A	HexNAc (7) Hex (8) NeuAc (1)	N[+3009]	1293. 136	3	3877. 394	3877. 409	-3. 9	176. 2	30. 4863
546	K. CDISN[+2116. 756]STE. A	HexNAc (5) Hex (5) NeuAc (1)	N[+2117]	1493. 061	2	2985. 114	2985. 092	7. 4	180. 5	33. 1377
546	K. CDISN[+1768. 640]STE. A	HexNAc (4) Hex (5) Fuc (1)	N[+1769]	1318. 975	2	2636. 942	2636. 975	-12. 5	181. 2	20. 8988
546	K. CDISN[+1825. 661]STE. A	HexNAc (5) Hex (5)	N[+1826]	1347. 505	2	2694. 002	2693. 996	2. 3	182. 3	26. 3127
546	K. C[+57. 021]DISN[+2278. 809]STEAGQK. L	HexNAc (5) Hex (6) NeuAc (1)	C[+57], N[+2279]	1196. 796	3	3588. 375	3588. 378	-0. 9	193. 7	24. 077
546	K. C[+57. 021]DISN[+1751. 624]STE. A	HexNAc (4) Hex (4) NeuAc (1)	C[+57], N[+1752]	1338. 991	2	2676. 974	2676. 981	-2. 6	209. 6	26. 6645
546	K. CDISN[+2092. 745]STE. A	HexNAc (4) Hex (7) Fuc (1)	N[+2093]	1481. 038	2	2961. 068	2961. 08	-4. 2	210. 5	20. 8845
546	K. CDISN[+2133. 772]STE. A	HexNAc (5) Hex (6) Fuc (1)	N[+2134]	1501. 543	2	3002. 079	3002. 107	-9. 5	170. 8	20. 8418
546	K. CDISN[+1913. 677]STE. A	HexNAc (4) Hex (5) NeuAc (1)	N[+1914]	1391. 491	2	2781. 975	2782. 012	-13. 5	188. 7	21. 3197
546	K. C[+57. 021]DISN[+2059. 735]STEAGQK. L	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	C[+57], N[+2060]	1123. 781	3	3369. 329	3369. 304	7. 3	193. 7	18. 1678
546	K. C[+57. 021]DISN[+1809. 666]STE. A	HexNAc (5) Hex (4) Fuc (1)	C[+57], N[+1810]	912. 345	3	2735. 021	2735. 023	-0. 8	210. 1	18. 8387
546	K. C[+57. 021]DISN[+1897. 682]STE. A	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	C[+57], N[+1898]	941. 687	3	2823. 046	2823. 039	2. 6	219. 3	20. 6768
546	K. C[+57. 021]DISN[+1768. 640]STE. A	HexNAc (4) Hex (5) Fuc (1)	C[+57],	898. 666	3	2693. 984	2693. 996	-4. 6	219. 4	17. 9443

			N[+1769]							
546	K. C[+57. 021]DISN[+2100. 761]STE. A	HexNAc (5) Hex (4) Fuc (1) NeuAc (1)	C[+57], N[+2101]	1009. 379	3	3026. 123	3026. 118	1. 7	227. 1	20. 785
546	K. C[+57. 021]DISN[+2627. 947]STE. A	HexNAc (6) Hex (6) Fuc (1) NeuAc (1)	C[+57], N[+2628]	1185. 116	3	3553. 334	3553. 303	8. 8	237. 5	20. 5342
546	K. C[+57. 021]DISN[+1850. 693]STE. A	HexNAc (6) Hex (3) Fuc (1)	C[+57], N[+1851]	926. 018	3	2776. 039	2776. 049	-3. 6	239. 7	18. 2717
546	K. C[+57. 021]DISN[+2569. 905]STE. A	HexNAc (5) Hex (6) NeuAc (2)	C[+57], N[+2570]	1165. 757	3	3495. 255	3495. 261	-1. 7	247. 6	20. 8917
546	K. C[+57. 021]DISN[+1971. 719]STE. A	HexNAc (5) Hex (5) Fuc (1)	C[+57], N[+1972]	966. 369	3	2897. 092	2897. 076	5. 5	258. 4	18. 0312
546	K. C[+57. 021]DISN[+2805. 994]STE. A	HexNAc (6) Hex (8) NeuAc (1)	C[+57], N[+2806]	1244. 464	3	3731. 379	3731. 351	7. 4	264. 4	20. 335
546	K. C[+57. 021]DISN[+2262. 814]STE. A	HexNAc (5) Hex (5) Fuc (1) NeuAc (1)	C[+57], N[+2263]	1063. 384	3	3188. 136	3188. 171	-10. 9	268. 4	20. 1912
546	K. C[+57. 021]DISN[+3372. 190]STE. A	HexNAc (6) Hex (7) Fuc (1) NeuAc (3)	C[+57], N[+3372]	1433. 188	3	4297. 549	4297. 547	0. 5	283. 2	33. 2785
546	K. C[+57. 021]DISN[+2715. 963]STE. A	HexNAc (5) Hex (6) Fuc (1) NeuAc (2)	C[+57], N[+2716]	1214. 437	3	3641. 295	3641. 319	-6. 7	305. 1	25. 0917
546	K. C[+57. 021]DISN[+2018. 708]STE. A	HexNAc (3) Hex (6) Fuc (1) NeuAc (1)	C[+57], N[+2019]	982. 029	3	2944. 072	2944. 065	2. 2	308. 3	20. 394
546	K. C[+57. 021]DISN[+2789. 999]STE. A	HexNAc (6) Hex (7) Fuc (1) NeuAc (1)	C[+57], N[+2790]	1239. 124	3	3715. 358	3715. 356	0. 5	327. 9	19. 8793
546	K. C[+57. 021]DISN[+1419. 502]STE. A	HexNAc (3) Hex (5)	C[+57], N[+1420]	1172. 928	2	2344. 848	2344. 859	-4. 8	344. 9	18. 0453
546	K. C[+57. 021]DISN[+2133. 772]STE. A	HexNAc (5) Hex (6) Fuc (1)	C[+57], N[+2134]	1020. 383	3	3059. 134	3059. 129	1. 8	352. 1	17. 4517
546	K. C[+57. 021]DISN[+2498. 904]STE. A	HexNAc (6) Hex (7) Fuc (1)	C[+57], N[+2499]	1142. 094	3	3424. 268	3424. 261	2	355. 1	17. 473
546	K. C[+57. 021]DISN[+2457. 877]STE. A	HexNAc (5) Hex (8) Fuc (1)	C[+57], N[+2458]	1128. 426	3	3383. 264	3383. 234	8. 7	356. 9	20. 2712
546	K. C[+57. 021]DISN[+2350. 830]STE. A	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	C[+57], N[+2351]	1092. 731	3	3276. 18	3276. 187	-2. 2	375. 7	25. 7243
546	K. C[+57. 021]DISN[+1809. 666]STE. A	HexNAc (5) Hex (4) Fuc (1)	C[+57], N[+1810]	1368. 02	2	2735. 034	2735. 023	3. 9	377. 9	17. 8502
546	K. C[+57. 021]DISN[+2424. 867]STE. A	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	C[+57], N[+2425]	1117. 422	3	3350. 253	3350. 224	8. 6	379. 4	19. 8865
546	K. C[+57. 021]DISN[+568. 212]STE. A	HexNAc (2) Hex (1)	C[+57], N[+568]	1493. 545	1	1493. 545	1493. 568	-15. 6	393. 4	20. 4773
546	K. C[+57. 021]DISN[+1054. 370]STE. A	HexNAc (2) Hex (4)	C[+57], N[+1054]	990. 364	2	1979. 721	1979. 727	-3	394. 4	17. 5455
546	K. C[+57. 021]DISN[+3081. 095]STE. A	HexNAc (6) Hex (7) Fuc (1) NeuAc (2)	C[+57], N[+3081]	1336. 156	3	4006. 454	4006. 452	0. 7	410. 2	24. 4032
546	K. C[+57. 021]DISN[+1897. 682]STE. A	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	C[+57], N[+1898]	1412. 025	2	2823. 044	2823. 039	1. 7	411. 5	20. 6272

546	K. C[+57. 021]DISN[+1872. 651]STE. A	HexNAc (3) Hex (6) NeuAc (1)	C[+57], N[+1873]	1399. 517	2	2798. 026	2798. 007	6. 9	435. 4	20. 184
546	K. C[+57. 021]DISN[+1540. 529]STE. A	HexNAc (2) Hex (7)	C[+57], N[+1541]	1233. 456	2	2465. 906	2465. 885	8. 2	452. 9	17. 3438
546	K. C[+57. 021]DISN[+2059. 735]STE. A	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	C[+57], N[+2060]	995. 705	3	2985. 101	2985. 092	3. 2	458. 9	20. 4082
546	K. C[+57. 021]DISN[+1710. 598]STE. A	HexNAc (3) Hex (5) NeuAc (1)	C[+57], N[+1711]	1318. 489	2	2635. 97	2635. 954	5. 8	465. 9	20. 5683
546	K. C[+57. 021]DISN[+1647. 613]STE. A	HexNAc (5) Hex (3) Fuc (1)	C[+57], N[+1648]	1286. 982	2	2572. 957	2572. 97	-5	468. 4	17. 7862
546	K. C[+57. 021]DISN[+1257. 449]STE. A	HexNAc (3) Hex (4)	C[+57], N[+1257]	1091. 915	2	2182. 823	2182. 806	7. 5	471. 7	17. 9585
546	K. C[+57. 021]DISN[+2133. 772]STE. A	HexNAc (5) Hex (6) Fuc (1)	C[+57], N[+2134]	1530. 06	2	3059. 113	3059. 129	-5. 2	478. 1	17. 5383
546	K. C[+57. 021]DISN[+2018. 708]STE. A	HexNAc (3) Hex (6) Fuc (1) NeuAc (1)	C[+57], N[+2019]	1472. 536	2	2944. 065	2944. 065	0	483	20. 3727
546	K. C[+57. 021]DISN[+1241. 454]STE. A	HexNAc (3) Hex (3) Fuc (1)	C[+57], N[+1241]	1083. 921	2	2166. 834	2166. 811	10. 7	488. 1	17. 9955
546	K. C[+57. 021]DISN[+2424. 867]STE. A	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	C[+57], N[+2425]	1675. 631	2	3350. 255	3350. 224	9. 4	498. 7	19. 9507
546	K. C[+57. 021]DISN[+1216. 423]STE. A	HexNAc (2) Hex (5)	C[+57], N[+1216]	1071. 391	2	2141. 776	2141. 78	-1. 9	500. 8	17. 4018
546	K. C[+57. 021]DISN[+1403. 507]STE. A	HexNAc (3) Hex (4) Fuc (1)	C[+57], N[+1404]	1164. 944	2	2328. 882	2328. 864	7. 5	506. 2	17. 8005
546	K. C[+57. 021]DISN[+1444. 534]STE. A	HexNAc (4) Hex (3) Fuc (1)	C[+57], N[+1445]	1185. 454	2	2369. 9	2369. 891	3. 8	506. 3	17. 923
546	K. C[+57. 021]DISN[+1694. 603]STE. A	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	C[+57], N[+1695]	1310. 493	2	2619. 979	2619. 96	7. 6	514. 1	20. 7138
546	K. C[+57. 021]DISN[+1581. 555]STE. A	HexNAc (3) Hex (6)	C[+57], N[+1582]	1253. 97	2	2506. 932	2506. 912	7. 9	520. 1	17. 7322
546	K. C[+57. 021]DISN[+1768. 640]STE. A	HexNAc (4) Hex (5) Fuc (1)	C[+57], N[+1769]	1347. 505	2	2694. 002	2693. 996	2. 3	521. 5	17. 755
546	K. C[+57. 021]DISN[+1606. 587]STE. A	HexNAc (4) Hex (4) Fuc (1)	C[+57], N[+1607]	1266. 464	2	2531. 921	2531. 943	-8. 9	527. 4	17. 9087
546	K. C[+57. 021]DISN[+1216. 423]STEAGQK. L	HexNAc (2) Hex (5)	C[+57], N[+1216]	1263. 498	2	2525. 988	2525. 992	-1. 5	540. 5	16. 5322
546	K. C[+57. 021]DISN[+1727. 613]STE. A	HexNAc (3) Hex (6) Fuc (1)	C[+57], N[+1728]	1326. 985	2	2652. 963	2652. 97	-2. 4	543. 7	17. 6395
546	K. C[+57. 021]DISN[+2059. 735]STE. A	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	C[+57], N[+2060]	1493. 05	2	2985. 093	2985. 092	0. 5	550. 6	20. 4662
546	K. C[+57. 021]DISN[+1565. 560]STE. A	HexNAc (3) Hex (5) Fuc (1)	C[+57], N[+1566]	1245. 957	2	2490. 906	2490. 917	-4. 3	559. 9	17. 6822
546	D. ISN[+1825. 661]STEAGQK. L	HexNAc (5) Hex (5)	N[+1826]	954. 055	3	2860. 152	2860. 172	-7. 3	150. 9	17. 207
546	D. ISN[+3009. 074]STEAGQK. L	HexNAc (7) Hex (8) NeuAc (1)	N[+3009]	1348. 54	3	4043. 606	4043. 585	5. 3	151. 1	44. 9653

546	D. ISN[+1606.587]STEAGQKLFNMLR. L	HexNAc (4) Hex (4) Fuc (1)	N[+1607]	1139.189	3	3415.552	3415.519	9.7	152.2	28.7238
546	D. ISN[+2350.830]STEAGQK. L	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	N[+2351]	677.882	5	3385.381	3385.342	11.7	155.5	15.6884
546	D. ISN[+1907.714]STEAGQKLFNMLR. L	HexNAc (7) Hex (3)	N[+1908]	929.922	4	3716.664	3716.646	4.8	158.7	20.1772
546	D. ISN[+1460.529]STEAGQK. L	HexNAc (4) Hex (4)	N[+1461]	832.35	3	2495.036	2495.04	-1.6	159.7	17.2427
546	D. ISN[+2756.989]STEAGQK. L	HexNAc (6) Hex (5) Fuc (1) NeuAc (2)	N[+2757]	1264.495	3	3791.47	3791.5	-7.9	160.1	39.6582
546	D. ISN[+3007.058]STE. A	HexNAc (5) Hex (6) Fuc (1) NeuAc (3)	N[+3007]	1219.8	3	3657.384	3657.357	7.3	160.8	25.3972
546	D. ISN[+2026.687]STE. A	HexNAc (2) Hex (10)	N[+2027]	1338.985	2	2676.963	2676.986	-8.8	162.4	26.4712
546	D. ISN[+2313.873]STEAGQK. L	HexNAc (9) Hex (3)	N[+2314]	1116.789	3	3348.352	3348.384	-9.7	163.8	54.312
546	D. ISN[+1987.714]STEAGQK. L	HexNAc (5) Hex (6)	N[+1988]	1008.086	3	3022.243	3022.225	6	164.7	17.0317
546	D. ISN[+1784.634]STEAGQK. L	HexNAc (4) Hex (6)	N[+1785]	940.388	3	2819.148	2819.146	0.9	167.4	17.0493
546	D. ISN[+2157.783]STE. A	HexNAc (6) Hex (4) NeuAc (1)	N[+2158]	702.773	4	2808.069	2808.082	-4.6	169.8	15.5526
546	D. ISN[+1694.603]STEAGQK. L	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	N[+1695]	910.381	3	2729.128	2729.114	5.2	173.2	22.9877
546	D. ISN[+1694.603]STE. A	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	N[+1695]	782.304	3	2344.897	2344.902	-2.3	175.5	21.3482
546	D. ISN[+1946.687]STEAGQK. L	HexNAc (4) Hex (7)	N[+1947]	746.055	4	2981.198	2981.199	-0.1	181.3	16.9387
546	D. ISN[+2311.819]STE. A	HexNAc (5) Hex (8)	N[+2312]	1481.548	2	2962.089	2962.119	-9.9	185.8	20.9095
546	D. ISN[+2350.830]STE. A	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	N[+2351]	1501.059	2	3001.111	3001.13	-6.3	186.6	32.7968
546	D. ISN[+1038.375]STEAGQKLFNM[+15.995]LR. L	HexNAc (2) Hex (3) Fuc (1)	M[+16], N[+1038]	716.592	4	2863.347	2863.302	15.7	188.9	17.3368
546	D. ISN[+3372.190]STE. A	HexNAc (6) Hex (7) Fuc (1) NeuAc (3)	N[+3372]	1341.488	3	4022.448	4022.489	-10.2	190.7	24.3537
546	D. ISN[+1864.634]STE. A	HexNAc (2) Hex (9)	N[+1865]	1257.973	2	2514.938	2514.933	1.8	195.4	26.8162
546	D. ISN[+2149.767]STE. A	HexNAc (5) Hex (7)	N[+2150]	560.823	5	2800.088	2800.066	7.8	197.2	18.093
546	D. ISN[+2350.830]STEAGQK. L	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	N[+2351]	1129.101	3	3385.288	3385.342	-15.8	167.7	26.703
690	R. ISFNFFVTAPKN[+2861.000]VSD. I	HexNAc (5) Hex (6) NeuAc (3)	N[+2861]	1137.47	4	4546.859	4546.853	1.3	160.9	27.881
690	K. N[+2141.788]VSD. I	HexNAc (6) Hex (3) Fuc (1) NeuAc (1)	N[+2142]	859.335	3	2575.989	2575.976	5	152.2	18.5745
690	K. N[+1501.555]VSDIIPR. T	HexNAc (5) Hex (3)	N[+1502]	805.695	3	2415.069	2415.066	1.6	157.8	27.9718
690	K. N[+3007.058]VSDIIPR. T	HexNAc (5) Hex (6) Fuc (1) NeuAc (3)	N[+3007]	1307.53	3	3920.574	3920.568	1.6	168.2	38.6632
690	K. N[+2952.052]VSD. I	HexNAc (6) Hex (8) Fuc (1) NeuAc (1)	N[+2952]	1129.409	3	3386.213	3386.24	-8.1	172.2	24.4087
690	K. N[+2921.058]VSD. I	HexNAc (8) Hex (8)	N[+2921]	1119.098	3	3355.278	3355.246	9.6	172.4	34.8018
690	K. N[+1913.677]VSDIIPR. T	HexNAc (4) Hex (5) NeuAc (1)	N[+1914]	707.563	4	2827.23	2827.187	15.3	175.3	18.2968
690	K. N[+2026.687]VSDIIPRTE. V	HexNAc (2) Hex (10)	N[+2027]	793.32	4	3170.258	3170.287	-9.2	178.3	24.089
690	K. N[+2921.058]VSDIIPR. T	HexNAc (8) Hex (8)	N[+2921]	1278.864	3	3834.577	3834.568	2.5	181.1	35.7883
690	K. N[+2350.793]VSDIIPR. T	HexNAc (2) Hex (12)	N[+2351]	1088.751	3	3264.239	3264.303	-19.6	207.8	33.8665
690	K. N[+2498.904]VSDIIPR. T	HexNAc (6) Hex (7) Fuc (1)	N[+2499]	1138.138	3	3412.4	3412.414	-4.1	183	25.2802
690	K. N[+2861.000]VSDIIPR. T	HexNAc (5) Hex (6) NeuAc (3)	N[+2861]	1258.843	3	3774.516	3774.51	1.5	184.3	40.2398
690	K. N[+2295.824]VSDIIPR. T	HexNAc (5) Hex (7) Fuc (1)	N[+2296]	1070.444	3	3209.317	3209.335	-5.5	186.6	29.0908
690	K. N[+1987.714]VSDIIPR. T	HexNAc (5) Hex (6)	N[+1988]	967.751	3	2901.237	2901.224	4.5	206.7	25.7798
690	K. N[+2278.809]VSDIIPR. T	HexNAc (5) Hex (6) NeuAc (1)	N[+2279]	1064.765	3	3192.281	3192.319	-11.9	220.6	28.819
690	K. N[+3081.095]VSDIIPR. T	HexNAc (6) Hex (7) Fuc (1) NeuAc (2)	N[+3081]	1332.184	3	3994.539	3994.605	-16.6	221.3	32.3902

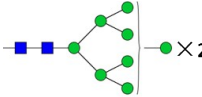
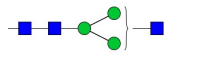
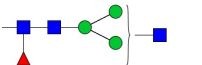
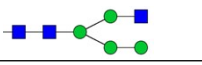
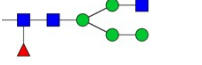
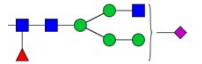
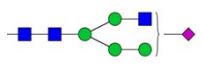
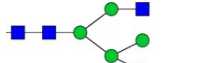
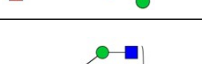
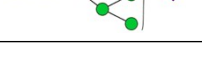
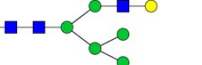
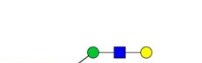
690	K. N[+2569. 905]VSDIIPR. T	HexNAc (5) Hex (6) NeuAc (2)	N[+2570]	1161. 813	3	3483. 425	3483. 415	2. 9	223	33. 2142
690	K. N[+2789. 999]VSDIIPR. T	HexNAc (6) Hex (7) Fuc (1) NeuAc (1)	N[+2790]	1235. 177	3	3703. 515	3703. 51	1. 5	223. 9	28. 5618
690	K. N[+1897. 682]VSDIIPR. T	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	N[+1898]	1406. 092	2	2811. 176	2811. 192	-5. 7	224. 5	29. 5602
690	K. N[+1809. 666]VSDIIPR. T	HexNAc (5) Hex (4) Fuc (1)	N[+1810]	908. 393	3	2723. 163	2723. 176	-4. 9	250. 8	25. 7455
690	K. N[+1971. 719]VSDIIPR. T	HexNAc (5) Hex (5) Fuc (1)	N[+1972]	962. 409	3	2885. 213	2885. 229	-5. 7	253. 8	25. 4115
690	K. N[+2262. 814]VSDIIPR. T	HexNAc (5) Hex (5) Fuc (1) NeuAc (1)	N[+2263]	1059. 443	3	3176. 315	3176. 324	-3. 1	258. 7	29. 0593
690	K. N[+2204. 772]VSDIIPR. T	HexNAc (4) Hex (5) NeuAc (2)	N[+2205]	1040. 103	3	3118. 294	3118. 283	3. 7	260. 6	33. 7413
690	K. N[+2424. 867]VSDIIPR. T	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	N[+2425]	1113. 47	3	3338. 396	3338. 377	5. 7	261. 2	28. 6597
690	K. N[+2100. 761]VSDIIPR. T	HexNAc (5) Hex (4) Fuc (1) NeuAc (1)	N[+2101]	1005. 415	3	3014. 232	3014. 272	-13. 2	269. 8	29. 2218
690	K. N[+2133. 772]VSDIIPR. T	HexNAc (5) Hex (6) Fuc (1)	N[+2134]	1016. 439	3	3047. 303	3047. 282	7	270. 3	25. 2157
690	K. N[+2350. 830]VSDIIPR. T	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	N[+2351]	1088. 78	3	3264. 325	3264. 341	-4. 7	272. 6	32. 9572
690	K. N[+1095. 397]VSDIIPR. T	HexNAc (3) Hex (3)	N[+1095]	1004. 958	2	2008. 908	2008. 907	0. 6	277. 8	29. 4125
690	K. N[+1257. 449]VSDIIPR. T	HexNAc (3) Hex (4)	N[+1257]	1085. 978	2	2170. 948	2170. 96	-5. 2	279. 6	29. 5147
690	K. N[+1460. 529]VSDIIPR. T	HexNAc (4) Hex (4)	N[+1461]	1187. 514	2	2374. 021	2374. 039	-7. 5	280	26. 0262
690	K. N[+2715. 963]VSDIIPR. T	HexNAc (5) Hex (6) Fuc (1) NeuAc (2)	N[+2716]	1210. 498	3	3629. 48	3629. 473	1. 9	282. 4	32. 7087
690	K. N[+2424. 867]VSDIIPR. T	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	N[+2425]	1669. 684	2	3338. 362	3338. 377	-4. 7	310. 2	28. 7523
690	K. N[+1298. 476]VSDIIPR. T	HexNAc (4) Hex (3)	N[+1298]	1106. 495	2	2211. 982	2211. 986	-2	324. 9	26. 079
690	K. N[+1694. 603]VSDIIPR. T	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	N[+1695]	1304. 54	2	2608. 074	2608. 113	-15. 1	330. 5	28. 9355
690	K. N[+1897. 682]VSDIIPR. T	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	N[+1898]	937. 738	3	2811. 2	2811. 192	2. 6	331. 3	29. 1718
690	K. N[+1403. 507]VSDIIPR. T	HexNAc (3) Hex (4) Fuc (1)	N[+1404]	1159. 02	2	2317. 033	2317. 018	6. 5	331. 8	29. 26
690	K. N[+2133. 772]VSDIIPR. T	HexNAc (5) Hex (6) Fuc (1)	N[+2134]	1524. 139	2	3047. 27	3047. 282	-3. 9	335. 3	25. 17
690	K. N[+1444. 534]VSDIIPR. T	HexNAc (4) Hex (3) Fuc (1)	N[+1445]	786. 682	3	2358. 033	2358. 044	-4. 8	337. 1	25. 8918
690	K. N[+1241. 454]VSDIIPR. T	HexNAc (3) Hex (3) Fuc (1)	N[+1241]	1077. 977	2	2154. 946	2154. 965	-8. 6	340. 8	25. 962
690	K. N[+2350. 830]VSDIIPR. T	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	N[+2351]	1632. 654	2	3264. 301	3264. 341	-12. 2	343. 8	33. 3873
690	K. N[+2059. 735]VSDIIPR. T	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	N[+2060]	991. 755	3	2973. 25	2973. 245	1. 5	351. 7	29. 3767
690	K. N[+1606. 587]VSDIIPR. T	HexNAc (4) Hex (4) Fuc (1)	N[+1607]	840. 699	3	2520. 081	2520. 097	-6. 2	352. 3	25. 71
690	K. N[+1913. 677]VSDIIPR. T	HexNAc (4) Hex (5) NeuAc (1)	N[+1914]	943. 068	3	2827. 188	2827. 187	0. 4	354. 6	29. 1432
690	K. N[+1768. 640]VSDIIPR. T	HexNAc (4) Hex (5) Fuc (1)	N[+1769]	894. 717	3	2682. 137	2682. 15	-4. 7	355	25. 5853
690	K. N[+1622. 582]VSDIIPR. T	HexNAc (4) Hex (5)	N[+1623]	846. 038	3	2536. 098	2536. 092	2. 4	369. 3	25. 6958
690	K. N[+1622. 582]VSDIIPR. T	HexNAc (4) Hex (5)	N[+1623]	1268. 547	2	2536. 088	2536. 092	-1. 6	379	25. 8275
690	K. N[+1606. 587]VSDIIPR. T	HexNAc (4) Hex (4) Fuc (1)	N[+1607]	1260. 55	2	2520. 093	2520. 097	-1. 5	380. 4	25. 614
690	K. N[+1216. 423]VSDIIPR. T	HexNAc (2) Hex (5)	N[+1216]	1065. 468	2	2129. 928	2129. 933	-2. 4	395. 6	25. 9477
690	K. N[+1768. 640]VSDIIPR. T	HexNAc (4) Hex (5) Fuc (1)	N[+1769]	1341. 58	2	2682. 154	2682. 15	1. 4	416. 4	25. 4362
690	K. N[+1913. 677]VSDIIPR. T	HexNAc (4) Hex (5) NeuAc (1)	N[+1914]	1414. 094	2	2827. 18	2827. 187	-2. 4	445. 9	29. 1503
690	K. N[+2059. 735]VSDIIPR. T	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	N[+2060]	1487. 134	2	2973. 26	2973. 245	5. 1	455. 9	29. 0093

Table S2. Glycoform abundances observed across *hACE2* protein. The relative abundances of all N-linked glycans detected at each site are displayed by the spectra counts, in ich were showed in Fig. S3. The likely N-linked glycan structures were followed in the Table S2.

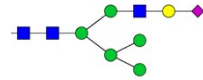
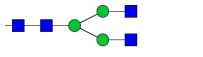
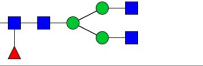
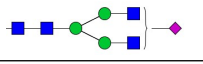
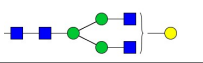
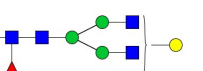
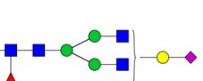
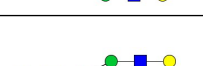
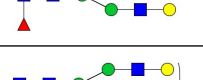
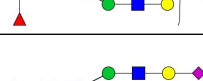
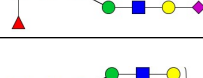
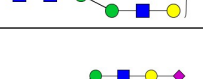
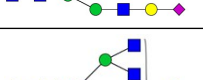
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		N53	N5 3	N90	N9 0	N103	N10 3	N322	N32 2	N432	N43 2	N546	N54 6	N690	N69 0
1	HexNAc(2)Hex(1)	0	1	0	0	0	0	0	0	0	0	1	0	0	0
2	HexNAc(2)Hex(10)	0	0	0	0	0	0	0	0	0	0	3	0	1	0
3	HexNAc(2)Hex(11)	0	0	0	2	0	0	0	0	0	0	0	0	0	0
4	HexNAc(2)Hex(12)	0	0	9	0	7	0	0	0	0	0	0	0	1	0
5	HexNAc(2)Hex(2)Fuc(1)	0	0	0	0	0	0	0	0	0	0	0	1	0	0
6	HexNAc(2)Hex(3)	0	0	0	0	0	2	0	0	0	0	0	1	0	0
7	HexNAc(2)Hex(3)Fuc(1)	0	0	0	0	0	2	0	0	0	0	1	0	0	0
8	HexNAc(2)Hex(4)	0	0	0	0	0	4	0	0	0	0	4	0	0	0
9	HexNAc(2)Hex(5)	0	0	9	1	0	5	0	0	0	0	7	0	4	1
10	HexNAc(2)Hex(6)	0	0	0	0	0	2	0	0	0	0	0	0	0	0
11	HexNAc(2)Hex(7)	0	0	2	0	0	1	0	0	0	0	1	0	0	0
12	HexNAc(2)Hex(8)	0	0	0	0	0	0	0	0	0	0	0	0	0	2

	combined 480 and Synapt G2								
		N5 3	N9 0	N10 3	N32 2	N43 2	N54 6	N69 0	most likely structure
1	HexNAc(2)Hex(1)	1	0	0	0	0	1	0	
2	HexNAc(2)Hex(10)	0	0	0	0	0	3	1	
3	HexNAc(2)Hex(11)	0	2	0	0	0	0	0	
4	HexNAc(2)Hex(12)	0	9	7	0	0	0	1	
5	HexNAc(2)Hex(2)Fuc(1)	0	0	0	0	0	1	0	
6	HexNAc(2)Hex(3)	0	0	2	0	0	1	0	
7	HexNAc(2)Hex(3)Fuc(1)	0	0	2	0	0	1	0	
8	HexNAc(2)Hex(4)	0	0	4	0	0	4	0	
9	HexNAc(2)Hex(5)	0	10	5	0	0	7	5	
10	HexNAc(2)Hex(6)	0	0	2	0	0	0	0	
11	HexNAc(2)Hex(7)	0	2	1	0	0	1	0	
12	HexNAc(2)Hex(8)	0	0	0	0	0	0	2	

13	HexNAc(2)Hex(9)	0	0	0	1	0	0	0	0	0	0	3	0	0	0
14	HexNAc(3)Hex(3)	0	0	10	0	0	2	0	0	0	0	0	0	2	1
15	HexNAc(3)Hex(3)Fuc(1)	0	0	12	0	7	3	0	0	0	0	5	2	4	0
16	HexNAc(3)Hex(4)	0	0	13	4	0	0	1	0	0	0	2	0	7	1
17	HexNAc(3)Hex(4)Fuc(1)	0	0	13	2	4	7	0	0	0	0	7	2	13	2
18	HexNAc(3)Hex(4)Fuc(1)NeuAc(1)	0	0	7	0	2	3	0	0	0	0	9	0	3	1
19	HexNAc(3)Hex(4)NeuAc(1)	0	0	4	0	0	0	0	0	0	0	0	0	0	0
20	HexNAc(3)Hex(5)	0	0	2	0	0	2	0	0	0	0	1	1	0	0
21	HexNAc(3)Hex(5)Fuc(1)	0	0	0	0	0	3	0	0	0	0	6	0	0	2
22	HexNAc(3)Hex(5)NeuAc(1)	0	0	0	0	0	0	0	0	0	0	1	0	0	2
23	HexNAc(3)Hex(6)	0	0	3	2	0	0	0	0	0	0	3	0	0	5
24	HexNAc(3)Hex(6)Fuc(1)	0	0	0	0	0	4	0	0	0	0	2	0	0	1
25	HexNAc(3)Hex(6)Fuc(1)NeuAc(1)	0	0	0	0	1	0	1	0	0	0	8	2	0	3

13	HexNAc(2)Hex(9)	0	1	0	0	0	3	0	
14	HexNAc(3)Hex(3)	0	10	2	0	0	0	3	
15	HexNAc(3)Hex(3)Fuc(1)	0	12	10	0	0	7	4	
16	HexNAc(3)Hex(4)	0	17	0	1	0	2	8	
17	HexNAc(3)Hex(4)Fuc(1)	0	15	11	0	0	9	15	
18	HexNAc(3)Hex(4)Fuc(1)NeuAc(1)	0	7	5	0	0	9	4	
19	HexNAc(3)Hex(4)NeuAc(1)	0	4	0	0	0	0	0	
20	HexNAc(3)Hex(5)	0	2	2	0	0	2	0	
21	HexNAc(3)Hex(5)Fuc(1)	0	0	3	0	0	6	2	
22	HexNAc(3)Hex(5)NeuAc(1)	0	0	0	0	0	1	2	
23	HexNAc(3)Hex(6)	0	5	0	0	0	3	5	
24	HexNAc(3)Hex(6)Fuc(1)	0	0	4	0	0	2	1	
25	HexNAc(3)Hex(6)Fuc(1)NeuAc(1)	0	0	1	1	0	10	3	

26	HexNAc(3)Hex(6)NeuAc(1)	0	0	0	0	0	0	0	0	0	0	4	0	0	4
27	HexNAc(4)Hex(3)	0	0	8	2	2	3	0	0	0	0	0	0	4	1
28	HexNAc(4)Hex(3)Fuc(1)	0	0	10	2	24	7	0	0	0	0	4	0	3	2
29	HexNAc(4)Hex(3)NeuAc(1)	0	0	0	0	5	0	0	0	1	0	0	0	0	0
30	HexNAc(4)Hex(4)	0	0	7	3	0	0	0	0	0	0	2	0	1	3
31	HexNAc(4)Hex(4)Fuc(1)	0	0	19	9	16	10	0	0	0	0	4	3	7	6
32	HexNAc(4)Hex(4)Fuc(1)NeuAc(1)	0	1	18	3	11	4	0	0	0	0	4	1	7	6
33	HexNAc(4)Hex(4)NeuAc(1)	0	0	13	2	2	1	0	0	0	0	1	0	0	3
34	HexNAc(4)Hex(5)	0	0	17	9	1	2	0	0	0	0	0	0	10	6
35	HexNAc(4)Hex(5)Fuc(1)	0	0	30	9	19	19	0	0	0	0	16	3	23	12
36	HexNAc(4)Hex(5)Fuc(1)NeuAc(1)	3	1	61	21	45	28	0	0	0	1	18	6	28	15
37	HexNAc(4)Hex(5)Fuc(1)NeuAc(2)	0	0	24	13	63	26	0	0	0	1	14	6	15	10
38	HexNAc(4)Hex(5)NeuAc(1)	2	0	44	9	6	6	0	0	0	0	13	1	20	5
39	HexNAc(4)Hex(5)NeuAc(2)	0	0	21	13	9	3	0	0	0	0	0	0	5	6
40	HexNAc(4)Hex(6)	0	0	4	2	0	1	0	0	0	0	0	0	0	0

26	HexNAc(3)Hex(6)NeuAc(1)	0	0	0	0	0	4	4	
27	HexNAc(4)Hex(3)	0	10	5	0	0	0	5	
28	HexNAc(4)Hex(3)Fuc(1)	0	12	31	0	0	4	5	
29	HexNAc(4)Hex(3)NeuAc(1)	0	0	5	0	1	0	0	
30	HexNAc(4)Hex(4)	0	10	0	0	0	2	4	
31	HexNAc(4)Hex(4)Fuc(1)	0	28	26	0	0	7	13	
32	HexNAc(4)Hex(4)Fuc(1)NeuAc(1)	1	21	15	0	0	5	13	
33	HexNAc(4)Hex(4)NeuAc(1)	0	15	3	0	0	1	3	
34	HexNAc(4)Hex(5)	0	26	3	0	0	0	16	
35	HexNAc(4)Hex(5)Fuc(1)	0	39	38	0	0	19	35	
36	HexNAc(4)Hex(5)Fuc(1)NeuAc(1)	4	82	73	0	1	24	43	
37	HexNAc(4)Hex(5)Fuc(1)NeuAc(2)	0	37	89	0	1	20	25	
38	HexNAc(4)Hex(5)NeuAc(1)	2	53	12	0	0	14	25	
39	HexNAc(4)Hex(5)NeuAc(2)	0	34	12	0	0	0	11	
40	HexNAc(4)Hex(6)	0	6	1	0	0	0	0	

41	HexNAc(4)Hex(6)Fuc(1)	0	0	1	1	2	0	0	0	0	0	0	0	0	2
42	HexNAc(4)Hex(6)Fuc(1)NeuAc(1)	0	0	3	3	8	3	0	0	0	0	0	0	0	0
43	HexNAc(4)Hex(6)NeuAc(1)	0	0	6	2	6	0	0	0	0	0	0	0	0	0
44	HexNAc(4)Hex(7)	0	0	0	0	1	1	0	0	0	0	0	0	0	0
45	HexNAc(4)Hex(7)Fuc(1)	0	0	0	0	0	0	0	0	0	0	3	0	0	0
46	HexNAc(4)Hex(7)NeuAc(1)	0	0	0	2	0	1	0	0	0	0	0	0	0	0
47	HexNAc(5)Hex(3)	0	0	2	4	0	0	0	0	0	0	0	0	1	1
48	HexNAc(5)Hex(3)Fuc(1)	0	0	8	4	8	1	0	0	0	0	2	0	0	3
49	HexNAc(5)Hex(3)Fuc(1)NeuAc(1)	0	0	0	0	0	1	0	0	0	0	0	0	0	0
50	HexNAc(5)Hex(4)	0	0	2	2	2	1	2	0	0	0	0	0	0	1
51	HexNAc(5)Hex(4)Fuc(1)	0	0	12	3	12	9	2	0	0	0	6	1	2	2

41	HexNAc(4)Hex(6)Fuc(1)	0	2	2	0	0	0	2	
42	HexNAc(4)Hex(6)Fuc(1)NeuAc(1)	0	6	11	0	0	0	0	
43	HexNAc(4)Hex(6)NeuAc(1)	0	8	6	0	0	0	0	
44	HexNAc(4)Hex(7)	0	0	2	0	0	0	0	
45	HexNAc(4)Hex(7)Fuc(1)	0	0	0	0	0	3	0	
46	HexNAc(4)Hex(7)NeuAc(1)	0	2	1	0	0	0	0	
47	HexNAc(5)Hex(3)	0	6	0	0	0	0	2	
48	HexNAc(5)Hex(3)Fuc(1)	0	12	9	0	0	2	3	
49	HexNAc(5)Hex(3)Fuc(1)NeuAc(1)	0	0	1	0	0	0	0	
50	HexNAc(5)Hex(4)	0	4	3	2	0	0	1	
51	HexNAc(5)Hex(4)Fuc(1)	0	15	21	2	0	7	4	

52	HexNAc(5)Hex(4)Fuc(1)NeuAc(1)	0	0	10	2	6	4	0	0	0	1	4	0	1	0
53	HexNAc(5)Hex(4)Fuc(1)NeuAc(2)	2	0	0	0	0	0	0	0	1	1	0	0	0	0
54	HexNAc(5)Hex(4)NeuAc(1)	0	0	0	3	4	1	0	0	1	1	0	0	0	0
55	HexNAc(5)Hex(4)NeuAc(2)	0	0	0	3	2	0	0	0	1	0	0	0	0	0
56	HexNAc(5)Hex(5)	0	0	6	6	3	2	1	0	0	0	3	0	0	4
57	HexNAc(5)Hex(5)Fuc(1)	0	0	14	11	9	8	0	0	0	0	6	3	5	7
58	HexNAc(5)Hex(5)Fuc(1)NeuAc(1)	0	0	15	9	13	6	0	0	0	2	6	2	4	3
59	HexNAc(5)Hex(5)Fuc(1)NeuAc(2)	0	0	6	7	0	2	0	0	0	0	5	0	0	0
60	HexNAc(5)Hex(5)NeuAc(1)	0	0	8	9	5	3	2	0	0	0	0	0	0	2
61	HexNAc(5)Hex(5)NeuAc(2)	0	0	1	0	1	4	0	0	0	2	0	0	0	7

52	HexNAc(5)Hex(4)Fuc(1)NeuAc(1)	0	12	10	0	1	4	1	
53	HexNAc(5)Hex(4)Fuc(1)NeuAc(2)	2	0	0	0	2	0	0	
54	HexNAc(5)Hex(4)NeuAc(1)	0	3	5	0	2	0	0	
55	HexNAc(5)Hex(4)NeuAc(2)	0	3	2	0	1	0	0	
56	HexNAc(5)Hex(5)	0	12	5	1	0	3	4	× 2
57	HexNAc(5)Hex(5)Fuc(1)	0	25	17	0	0	9	12	× 2
58	HexNAc(5)Hex(5)Fuc(1)NeuAc(1)	0	24	19	0	2	8	7	
59	HexNAc(5)Hex(5)Fuc(1)NeuAc(2)	0	13	2	0	0	5	0	× 2
60	HexNAc(5)Hex(5)NeuAc(1)	0	17	8	2	0	0	2	
61	HexNAc(5)Hex(5)NeuAc(2)	0	1	5	0	2	0	7	× 2

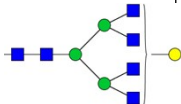
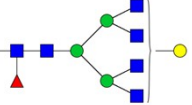
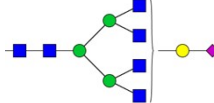
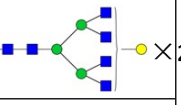
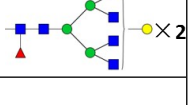
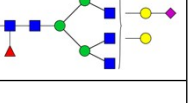
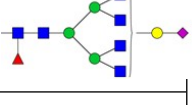
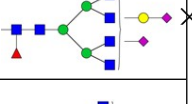
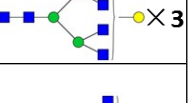
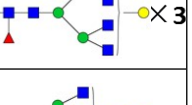
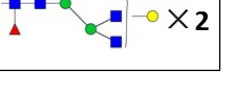
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63	HexNAc(5)Hex(6)Fuc(1)	0	0	9	7	5	2	2	0	0	0	13	6	11	5
64	HexNAc(5)Hex(6)Fuc(1)NeuAc(1)	4	1	20	13	6	6	3	0	1	2	15	12	12	10
65	HexNAc(5)Hex(6)Fuc(1)NeuAc(2)	0	0	21	9	4	4	3	0	2	8	11	5	9	8
66	HexNAc(5)Hex(6)Fuc(1)NeuAc(3)	0	0	12	6	11	3	0	0	0	0	1	1	7	5
67	HexNAc(5)Hex(6)NeuAc(1)	0	0	19	10	3	0	0	0	0	0	1	2	5	9
68	HexNAc(5)Hex(6)NeuAc(2)	0	0	17	8	0	1	0	0	0	0	2	1	6	4
69	HexNAc(5)Hex(6)NeuAc(3)	0	0	9	5	0	0	0	0	0	4	0	0	2	7
70	HexNAc(5)Hex(7)Fuc(1)	0	0	0	2	0	1	0	0	0	0	0	0	1	0

62	HexNAc(5)Hex(6)	0	11	2	0	0	0	4	
63	HexNAc(5)Hex(6)Fuc(1)	0	16	7	2	0	19	16	
64	HexNAc(5)Hex(6)Fuc(1)NeuAc(1)	5	33	12	3	3	27	22	
65	HexNAc(5)Hex(6)Fuc(1)NeuAc(2)	0	30	8	3	10	16	17	
66	HexNAc(5)Hex(6)Fuc(1)NeuAc(3)	0	18	14	0	0	2	12	
67	HexNAc(5)Hex(6)NeuAc(1)	0	29	3	0	0	3	14	
68	HexNAc(5)Hex(6)NeuAc(2)	0	25	1	0	0	3	10	
69	HexNAc(5)Hex(6)NeuAc(3)	0	14	0	0	4	0	9	
70	HexNAc(5)Hex(7)Fuc(1)	0	2	1	0	0	0	1	

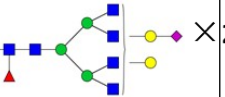
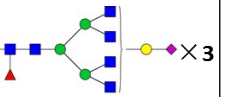
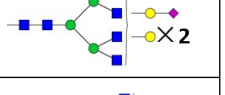
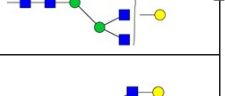
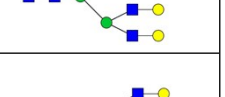
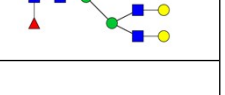
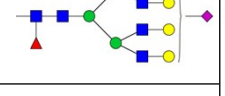
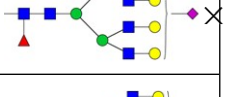
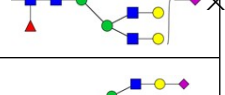
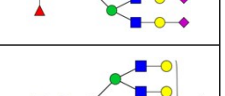
71	HexNAc(5)Hex(7)Fuc(1)NeuAc(1)	1	0	5	2	0	0	0	0	0	3	0	1	0	5
72	HexNAc(5)Hex(7)Fuc(1)NeuAc(2)	0	0	3	5	0	1	0	0	0	4	0	0	0	0
73	HexNAc(5)Hex(8)Fuc(1)	0	0	0	0	0	0	0	0	0	0	2	1	0	0
74	HexNAc(5)Hex(9)Fuc(1)	0	0	0	0	0	1	0	0	0	0	0	0	0	0
75	HexNAc(6)Hex(10)Fuc(1)NeuAc(1)	0	0	0	0	0	0	0	0	0	3	0	0	0	0
76	HexNAc(6)Hex(3)	0	0	0	1	2	2	5	0	0	0	0	0	0	0
77	HexNAc(6)Hex(3)Fuc(1)	0	0	6	2	2	0	2	0	0	0	1	1	0	2
78	HexNAc(6)Hex(3)Fuc(1)NeuAc(1)	0	0	0	0	0	1	0	0	0	0	0	0	1	1
79	HexNAc(6)Hex(3)Fuc(1)NeuAc(2)	0	0	0	0	0	0	1	0	1	0	0	1	0	0

71	HexNAc(5)Hex(7)Fuc(1)NeuAc(1)	1	7	0	0	3	1	5	
72	HexNAc(5)Hex(7)Fuc(1)NeuAc(2)	0	8	1	0	4	0	0	
73	HexNAc(5)Hex(8)Fuc(1)	0	0	0	0	0	3	0	
74	HexNAc(5)Hex(9)Fuc(1)	0	0	1	0	0	0	0	
75	HexNAc(6)Hex(10)Fuc(1)NeuAc(1)	0	0	0	0	3	0	0	
76	HexNAc(6)Hex(3)	0	1	4	5	0	0	0	
77	HexNAc(6)Hex(3)Fuc(1)	0	8	2	2	0	2	2	
78	HexNAc(6)Hex(3)Fuc(1)NeuAc(1)	0	0	1	0	0	0	2	
79	HexNAc(6)Hex(3)Fuc(1)NeuAc(2)	0	0	0	1	1	1	0	

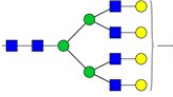
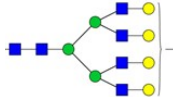
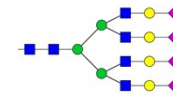
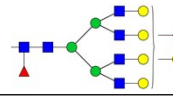
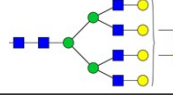
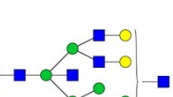
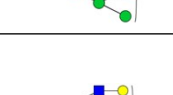
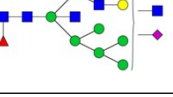
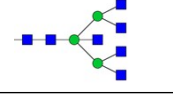
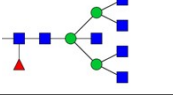
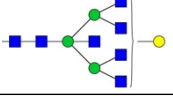
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81	HexNAc(6)Hex(4)Fuc(1)	0	0	1	1	0	2	0	0	0	0	0	0	0	4
82	HexNAc(6)Hex(4)NeuAc(1)	0	0	0	2	4	4	1	0	0	0	0	0	0	0
83	HexNAc(6)Hex(5)	0	0	1	2	2	1	4	0	0	0	0	0	0	0
84	HexNAc(6)Hex(5)Fuc(1)	0	0	5	5	2	1	0	0	1	0	0	0	0	1
85	HexNAc(6)Hex(5)Fuc(1)NeuAc(1)	0	0	5	6	0	1	0	0	0	0	1	2	0	4
86	HexNAc(6)Hex(5)Fuc(1)NeuAc(2)	0	0	2	1	0	0	1	0	0	0	0	0	0	6
87	HexNAc(6)Hex(5)Fuc(1)NeuAc(3)	0	0	0	0	0	0	1	0	0	0	0	0	0	0
88	HexNAc(6)Hex(6)	0	0	2	0	0	0	4	0	0	0	0	0	0	1
89	HexNAc(6)Hex(6)Fuc(1)	0	0	4	5	1	2	0	0	0	2	1	0	0	3
90	HexNAc(6)Hex(6)Fuc(1)NeuAc(1)	0	0	10	8	2	1	0	0	0	3	4	4	0	0

80	HexNAc(6)Hex(4)	1	1	2	2	3	0	0	
81	HexNAc(6)Hex(4)Fuc(1)	0	2	2	0	0	0	4	
82	HexNAc(6)Hex(4)NeuAc(1)	0	2	8	1	0	0	0	
83	HexNAc(6)Hex(5)	0	3	3	4	0	0	0	 × 2
84	HexNAc(6)Hex(5)Fuc(1)	0	10	3	0	1	0	1	 × 2
85	HexNAc(6)Hex(5)Fuc(1)NeuAc(1)	0	11	1	0	0	3	4	
86	HexNAc(6)Hex(5)Fuc(1)NeuAc(2)	0	3	0	1	0	0	6	 × 2
87	HexNAc(6)Hex(5)Fuc(1)NeuAc(3)	0	0	0	1	0	0	0	 × 2
88	HexNAc(6)Hex(6)	0	2	0	4	0	0	1	 × 3
89	HexNAc(6)Hex(6)Fuc(1)	0	9	3	0	2	1	3	 × 3
90	HexNAc(6)Hex(6)Fuc(1)NeuAc(1)	0	18	3	0	3	8	0	 × 2

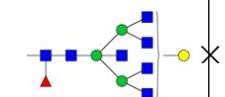
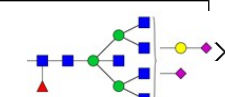
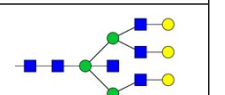
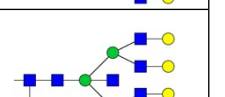
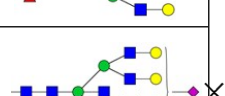
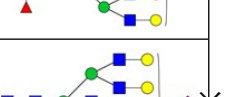
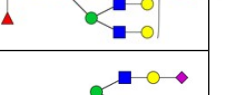
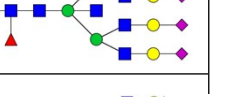
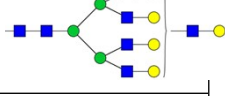
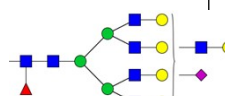
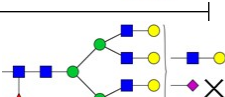
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92	HexNAc(6)Hex(6)Fuc(1)NeuAc(3)	0	0	5	4	0	0	0	0	0	2	0	0	0	0
93	HexNAc(6)Hex(6)NeuAc(1)	0	0	4	4	0	0	8	2	0	2	0	0	0	8
94	HexNAc(6)Hex(6)NeuAc(2)	0	0	2	5	0	3	7	2	0	2	3	1	0	0
95	HexNAc(6)Hex(7)	0	0	1	2	0	3	0	0	0	0	0	0	0	2
96	HexNAc(6)Hex(7)Fuc(1)	0	0	3	5	2	1	0	0	2	0	3	3	3	0
97	HexNAc(6)Hex(7)Fuc(1)NeuAc(1)	0	0	5	5	1	3	6	0	0	2	11	2	5	6
98	HexNAc(6)Hex(7)Fuc(1)NeuAc(2)	0	0	9	8	0	0	3	0	0	3	10	5	6	6
99	HexNAc(6)Hex(7)Fuc(1)NeuAc(3)	0	0	13	5	1	0	0	0	0	4	7	3	0	4
100	HexNAc(6)Hex(7)Fuc(1)NeuAc(4)	0	0	10	3	0	0	0	0	0	2	0	0	0	0
101	HexNAc(6)Hex(7)NeuAc(1)	1	1	4	6	0	0	0	0	0	0	0	0	0	4

91	HexNAc(6)Hex(6)Fuc(1)NeuAc(2)	0	20	3	0	5	1	2	
92	HexNAc(6)Hex(6)Fuc(1)NeuAc(3)	0	9	0	0	2	0	0	
93	HexNAc(6)Hex(6)NeuAc(1)	0	8	0	10	2	0	8	
94	HexNAc(6)Hex(6)NeuAc(2)	0	7	3	9	2	4	0	
95	HexNAc(6)Hex(7)	0	3	3	0	0	0	2	
96	HexNAc(6)Hex(7)Fuc(1)	0	8	3	0	2	6	3	
97	HexNAc(6)Hex(7)Fuc(1)NeuAc(1)	0	10	4	6	2	13	11	
98	HexNAc(6)Hex(7)Fuc(1)NeuAc(2)	0	17	0	3	3	15	12	
99	HexNAc(6)Hex(7)Fuc(1)NeuAc(3)	0	18	1	0	4	10	4	
100	HexNAc(6)Hex(7)Fuc(1)NeuAc(4)	0	13	0	0	2	0	0	
101	HexNAc(6)Hex(7)NeuAc(1)	2	10	0	0	0	0	4	

10 2	HexNAc(6)Hex(7)NeuAc(2))	0	0	9	7	0	0	0	0	0	4	0	0	0	0
10 3	HexNAc(6)Hex(7)NeuAc(3))	0	0	7	5	0	0	0	0	0	3	0	0	0	0
10 4	HexNAc(6)Hex(7)NeuAc(4))	0	0	1	1	0	1	0	0	0	3	0	0	0	0
10 5	HexNAc(6)Hex(8)Fuc(1)NeuAc(1))	0	0	5	1	0	0	0	0	0	2	0	0	0	0
10 6	HexNAc(6)Hex(8)NeuAc(1))	0	0	0	0	0	0	1	0	0	1	2	0	0	0
10 7	HexNAc(6)Hex(9)	0	0	0	1	0	0	0	0	0	0	0	0	0	0
10 8	HexNAc(6)Hex(9)Fuc(1)NeuAc(2))	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10 9	HexNAc(7)Hex(3)	0	0	0	0	1	0	5	0	0	0	0	0	0	0
11 0	HexNAc(7)Hex(3)Fuc(1)	0	0	0	1	0	0	0	0	0	0	0	0	0	0
11 1	HexNAc(7)Hex(4)	0	0	0	0	2	2	0	0	0	0	0	0	0	0
11 2	HexNAc(7)Hex(4)Fuc(1)	0	0	0	1	0	0	0	0	0	0	0	0	0	0

10 2	HexNAc(6)Hex(7)NeuAc(2))	0	16	0	0	4	0	0			× 2
10 3	HexNAc(6)Hex(7)NeuAc(3))	0	12	0	0	3	0	0			× 3
10 4	HexNAc(6)Hex(7)NeuAc(4))	0	2	1	0	3	0	0			
10 5	HexNAc(6)Hex(8)Fuc(1)NeuAc(1))	0	6	0	0	2	0	0			
10 6	HexNAc(6)Hex(8)NeuAc(1))	0	0	0	1	1	2	0			
10 7	HexNAc(6)Hex(9)	0	1	0	0	0	0	0			
10 8	HexNAc(6)Hex(9)Fuc(1)NeuAc(2))	0	0	0	0	0	0	1			× 2
10 9	HexNAc(7)Hex(3)	0	0	1	5	0	0	0			
11 0	HexNAc(7)Hex(3)Fuc(1)	0	1	0	0	0	0	0			
11 1	HexNAc(7)Hex(4)	0	0	4	0	0	0	0			
11 2	HexNAc(7)Hex(4)Fuc(1)	0	1	0	0	0	0	0			

11 3	HexNAc(7)Hex(6)Fuc(1)	0	0	0	0	0	2	3	0	0	0	0	0	0	0
11 4	HexNAc(7)Hex(6)Fuc(1)NeuAc(4)	0	0	0	0	0	0	0	0	0	2	0	0	0	3
11 5	HexNAc(7)Hex(7)	0	0	1	0	0	0	0	0	0	0	0	0	0	0
11 6	HexNAc(7)Hex(7)Fuc(1)	0	0	0	1	0	0	0	0	0	1	0	0	0	0
11 7	HexNAc(7)Hex(7)Fuc(1)NeuAc(2)	0	0	3	3	0	0	0	0	0	1	0	0	0	4
11 8	HexNAc(7)Hex(7)Fuc(1)NeuAc(3)	0	0	0	1	0	0	0	0	0	0	0	0	0	2
11 9	HexNAc(7)Hex(7)Fuc(1)NeuAc(4)	0	0	0	0	0	0	0	0	0	1	0	0	0	1
12 0	HexNAc(7)Hex(8)	0	0	0	0	0	1	0	0	0	0	0	1	0	1
12 1	HexNAc(7)Hex(8)Fuc(1)NeuAc(1)	0	0	0	0	0	0	2	0	0	5	4	1	0	0
12 2	HexNAc(7)Hex(8)Fuc(1)NeuAc(2)	0	0	0	0	0	0	0	0	0	6	0	0	0	0
12 3	HexNAc(7)Hex(8)NeuAc(1)	0	0	0	0	0	3	0	0	0	0	2	1	0	1

11 3	HexNAc(7)Hex(6)Fuc(1)	0	0	2	3	0	0	0	
11 4	HexNAc(7)Hex(6)Fuc(1)NeuAc(4)	0	0	0	0	2	0	3	
11 5	HexNAc(7)Hex(7)	0	1	0	0	0	0	0	
11 6	HexNAc(7)Hex(7)Fuc(1)	0	1	0	0	1	0	0	
11 7	HexNAc(7)Hex(7)Fuc(1)NeuAc(2)	0	6	0	0	1	0	4	
11 8	HexNAc(7)Hex(7)Fuc(1)NeuAc(3)	0	1	0	0	0	0	2	
11 9	HexNAc(7)Hex(7)Fuc(1)NeuAc(4)	0	0	0	0	1	0	1	
12 0	HexNAc(7)Hex(8)	0	0	1	0	0	1	1	
12 1	HexNAc(7)Hex(8)Fuc(1)NeuAc(1)	0	0	0	2	5	5	0	
12 2	HexNAc(7)Hex(8)Fuc(1)NeuAc(2)	0	0	0	0	6	0	0	
12 3	HexNAc(7)Hex(8)NeuAc(1)	0	0	3	0	0	3	1	

12 4	HexNAc(8)Hex(4)	0	0	0	0	0	0	0	0	1	2	0	0	0	0
12 5	HexNAc(8)Hex(5)	0	0	0	0	1	0	0	0	0	2	0	0	0	2
12 6	HexNAc(8)Hex(5)Fuc(1)	1	0	0	0	0	0	0	0	0	0	0	0	0	0
12 7	HexNAc(8)Hex(6)	0	0	0	1	0	0	0	0	0	1	0	0	0	0
12 8	HexNAc(8)Hex(8)	0	0	0	2	0	0	0	0	0	0	0	0	0	0
12 9	HexNAc(8)Hex(8)Fuc(1)	0	0	0	0	0	0	0	0	0	0	0	1	0	0
13 0	HexNAc(8)Hex(9)	0	0	0	3	0	0	0	0	0	0	0	0	0	2
13 1	HexNAc(8)Hex(9)Fuc(1)NeuAc(3)	0	0	0	0	0	0	0	0	1	1	0	0	0	0
13 2	HexNAc(8)Hex(9)Fuc(1)NeuAc(4)	0	0	0	1	0	0	0	0	0	0	0	0	0	0

12 4	HexNAc(8)Hex(4)	0	0	0	0	3	0	0	
12 5	HexNAc(8)Hex(5)	0	0	1	0	2	0	2	
12 6	HexNAc(8)Hex(5)Fuc(1)	1	0	0	0	0	0	0	
12 7	HexNAc(8)Hex(6)	0	1	0	0	1	0	0	
12 8	HexNAc(8)Hex(8)	0	2	0	0	0	0	0	
12 9	HexNAc(8)Hex(8)Fuc(1)	0	0	0	0	0	1	0	
13 0	HexNAc(8)Hex(9)	0	3	0	0	0	0	2	
13 1	HexNAc(8)Hex(9)Fuc(1)NeuAc(3)	0	0	0	0	2	0	0	
13 2	HexNAc(8)Hex(9)Fuc(1)NeuAc(4)	0	1	0	0	0	0	0	

13 3	HexNAc(9)Hex(10)Fuc(1)	0	0	0	0	0	0	0	0	0	2	0	0	0	0
13 4	HexNAc(9)Hex(3)Fuc(1)	0	0	0	0	1	0	0	0	0	0	0	2	0	0
13 5	HexNAc(9)Hex(4)Fuc(1)	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13 6	HexNAc(9)Hex(6)	0	0	0	0	0	0	0	0	0	1	0	0	0	0
13 7	HexNAc(9)Hex(9)Fuc(1)	0	0	0	0	0	0	0	0	0	3	0	0	0	0
13 8	HexNAc(11)Hex(11)NeuAc(1)	0	0	0	0	0	0	0	0	4	1	0	0	0	0

13 3	HexNAc(9)Hex(10)Fuc(1)	0	0	0	0	2	0	0	
13 4	HexNAc(9)Hex(3)Fuc(1)	0	0	1	0	0	2	0	
13 5	HexNAc(9)Hex(4)Fuc(1)	0	0	0	0	0	0	1	
13 6	HexNAc(9)Hex(6)	0	0	0	0	1	0	0	
13 7	HexNAc(9)Hex(9)Fuc(1)	0	0	0	0	3	0	0	
13 8	HexNAc(11)Hex(11)NeuAc(1)	0	0	0	0	5	0	0	
sum		20	107 5	616	77	122	366	500	

Table S3. Glycoform abundances observed across *hACE2* protein. The upper table shows the categorized glycan compositions at each N-linked glycan site. The total averages are shown in the right-hand table. The lower table further categorizes the glycan compositions into high-mannose-, hybrid-, and complex-type as well as the percentage of glycan compositions containing at least one fucose or one sialic acid residue. See also Figure 2.

	N53	N90	N103	N322	N432	N546	N690
high-mannose	5.0%	2.2%	3.6%	0.0%	0.0%	6.2%	1.8%
hybrid	0.0%	6.8%	6.1%	2.6%	0.0%	15.0%	10.2%
bi-antennary	35.0%	36.3%	54.3%	0.0%	2.5%	27.0%	40.0%
tri-antennary	40.0%	31.7%	25.6%	19.5%	27.8%	30.6%	30.6%
tetra-antennary	15.0%	21.4%	8.2%	65.0%	41.0%	18.0%	14.0%
multi-antennary	5.0%	1.8%	2.2%	13.0%	28.7%	3.2%	3.4%
fucosylation	70.0%	60.4%	76.9%	39.0%	66.9%	81.6%	66.2%
sialylation	85.0%	65.0%	57.3%	57.1%	82.5%	60.9%	60.8%
termial Gal	10.0%	21.3%	22.2%	24.6%	9.0%	21.3%	23.4%

	N53	N90	N103	N322	N432	N546	N690
Mannose	5.0%	2.2%	3.6%	0.0%	0.0%	6.2%	1.8%
Hybrid	0.0%	6.8%	6.1%	2.6%	0.0%	15.0%	10.2%
Complex	95.0%	91.2%	90.3%	97.5%	100.0%	78.8%	88.0%
Fucosylation	70.0%	60.4%	76.9%	39.0%	66.9%	81.6%	66.2%
Sialylation	85.0%	65.0%	57.3%	57.1%	82.5%	60.9%	60.8%

Total	
Mannose	2.8%
Hybrid	6.1%
Complex	91.1%
Fucosylation	65.8%
Sialylation	66.9%

Table S4. Pattern and relative quantification of sialic acid linkage isomer of N-glycosylated peptides in *h*ACEs by LC-CID-IM-MS analysis.

Modification position	Peptide < ProteinMetrics Confidential >	Glycans NHFAgNa	Observed m/z	z	Scan Time(min)	the relative percentage of α 2,3-repeat1	the relative percentage of α 2,3-repeat2	the relative percentage of α 2,3-repeat3	Spectral counts	relative abundance of the specific glycosylated peptides	the normalized relative percentage of α 2,3-repeat1	the normalized relative percentage of α 2,3-repeat2	the normalized relative percentage of α 2,3-repeat3
53	D. LFYQSSLASWNYNTN[+2059. 735] ITE. E	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	1053. 44 2	4	30. 2	67. 5	65. 8	70. 5	2	0. 2	15. 6	15. 2	16. 3
53	D. LFYQSSLASWNYNTN[+2424. 867] ITE. E	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	1144. 71 8	4	36. 8	43. 2	43. 5	41. 2	4	0. 3	13. 3	13. 4	12. 7
53	E. DLFYQSSLASWNYNTN[+2643. 941] ITEE. N	HexNAc (6) Hex (7) NeuAc (1)	1680. 33 6	3	48. 8	84. 7	85. 6	87. 2	1	0. 1	6. 5	6. 6	6. 7
90	E. IQN[+1694. 603] LTVK. L	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	1255. 56 3	2	25. 9	80. 2	82. 5	83. 5	7	0. 0	1. 2	1. 3	1. 3
90	E. IQN[+1548. 545] LTVK. L	HexNAc (3) Hex (4) NeuAc (1)	1182. 52 3	2	21. 9	80. 0	78. 6	75. 6	4	0. 0	0. 7	0. 7	0. 7
90	E. IQN[+1897. 682] LTVK. L	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	1357. 09 2	2	21. 6	71. 2	74. 4	76. 2	18	0. 0	2. 8	3. 0	3. 0
90	E. IQN[+1751. 624] LTVK. L	HexNAc (4) Hex (4) NeuAc (1)	1284. 07	2	21. 5	75. 0	75. 9	74. 9	13	0. 0	2. 2	2. 2	2. 2
90	E. IQN[+2059. 735] LTVK. L	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	1438. 12	2	21. 5	54. 5	56. 9	59. 2	61	0. 1	7. 4	7. 7	8. 0
90	E. IQN[+2350. 830] LTVK. L	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	1056. 12	3	25. 6	70. 0	69. 4	68. 5	24	0. 1	3. 7	3. 7	3. 6
90	E. IQN[+1913. 677] LTVK. L	HexNAc (4) Hex (5) NeuAc (1)	1365. 09 9	2	21. 6	62. 5	65. 2	66. 5	44	0. 1	6. 1	6. 3	6. 5
90	E. IQN[+2204. 772] LTVK. L	HexNAc (4) Hex (5) NeuAc (2)	1007. 42 4	3	26. 1	78. 5	75. 4	71. 2	21	0. 0	3. 6	3. 5	3. 3
90	E. IQN[+2221. 788] LTVK. L	HexNAc (4) Hex (6) Fuc (1) NeuAc (1)	1013. 10 1	3	21. 2	60. 5	59. 6	58. 6	3	0. 0	0. 4	0. 4	0. 4
90	E. IQN[+2075. 730] LTVK. L	HexNAc (4) Hex (6) NeuAc (1)	964. 415	3	21. 2	54. 5	56. 2	58. 5	6	0. 0	0. 7	0. 7	0. 8
90	E. IQN[+2100. 761] LTVK. L	HexNAc (5) Hex (4) Fuc (1) NeuAc (1)	1458. 62 8	2	21. 9	89. 9	87. 8	84. 5	10	0. 0	2. 0	1. 9	1. 9
90	E. IQN[+2262. 814] LTVK. L	HexNAc (5) Hex (5) Fuc (1) NeuAc (1)	1026. 78 1	3	21. 6	38. 2	42. 0	45. 2	15	0. 0	1. 3	1. 4	1. 5
90	E. IQN[+2553. 910] LTVK. L	HexNAc (5) Hex (5) Fuc (1) NeuAc (2)	1123. 81	3	26. 2	77. 6	77. 9	78. 0	6	0. 0	1. 0	1. 0	1. 0
90	E. IQN[+2116. 756] LTVK. L	HexNAc (5) Hex (5) NeuAc (1)	978. 092	3	21. 6	54. 0	53. 8	52. 5	8	0. 0	1. 0	1. 0	0. 9
90	E. IQN[+2424. 867] LTVK. L	HexNAc (5) Hex (6) Fuc (1) NeuAc (1)	1080. 79 8	3	21. 4	51. 3	52. 9	53. 7	20	0. 0	2. 3	2. 3	2. 4
90	E. IQN[+2715. 963] LTVK. L	HexNAc (5) Hex (6) Fuc (1) NeuAc (2)	1177. 82 6	3	25. 6	79. 0	77. 8	76. 5	21	0. 0	3. 7	3. 6	3. 6
90	E. IQN[+3007. 058] LTVK. L	HexNAc (5) Hex (6) Fuc (1) NeuAc (3)	1274. 85 9	3	30. 1	85. 2	82. 6	79. 9	12	0. 0	2. 3	2. 2	2. 1
90	E. IQN[+2278. 809] LTVK. L	HexNAc (5) Hex (6) NeuAc (1)	1032. 10 5	3	21. 2	56. 8	56. 2	55. 5	19	0. 0	2. 4	2. 4	2. 3
90	E. IQN[+2569. 905] LTVK. L	HexNAc (5) Hex (6) NeuAc (2)	1129. 14 5	3	25. 6	78. 8	76. 4	74. 0	17	0. 0	3. 0	2. 9	2. 8

90	E. IQN[+2861.000]LTVK. L	HexNAc (5) Hex (6) NeuAc (3)	1226.16 ₈	3	30.1	81.8	85.8	86.8	9	0.0	1.6	1.7	1.7
90	E. IQN[+2586.920]LTVK. L	HexNAc (5) Hex (7) Fuc (1) NeuAc (1)	1134.81 ₆	3	25.5	76.9	76.0	75.2	5	0.0	0.9	0.8	0.8
90	E. IQN[+2878.015]LTVK. L	HexNAc (5) Hex (7) Fuc (1) NeuAc (2)	1231.84 ₃	3	25.4	36.1	33.8	30.8	3	0.0	0.2	0.2	0.2
90	E. IQN[+2465.894]LTVK. L	HexNAc (6) Hex (5) Fuc (1) NeuAc (1)	1094.46 ₄	3	21.9	92.0	90.0	85.8	5	0.0	1.0	1.0	0.9
90	E. IQN[+2756.989]LTVK. L	HexNAc (6) Hex (5) Fuc (1) NeuAc (2)	1191.48 ₉	3	26.0	83.4	84.5	82.4	2	0.0	0.4	0.4	0.4
90	E. IQN[+2627.947]LTVK. L	HexNAc (6) Hex (6) Fuc (1) NeuAc (1)	1148.49 ₃	3	21.7	95.0	90.5	97.0	10	0.0	2.1	2.0	2.1
90	E. IQN[+2919.042]LTVK. L	HexNAc (6) Hex (6) Fuc (1) NeuAc (2)	1245.51 ₂	3	25.8	93.3	92.3	90.1	13	0.0	2.7	2.7	2.6
90	E. IQN[+3210.137]LTVK. L	HexNAc (6) Hex (6) Fuc (1) NeuAc (3)	1342.56	3	30.6	88.1	86.0	84.2	5	0.0	1.0	1.0	0.9
90	E. IQN[+2481.889]LTVK. L	HexNAc (6) Hex (6) NeuAc (1)	1099.80 ₁	3	22.0	89.9	95.5	95.9	4	0.0	0.8	0.8	0.8
90	E. IQN[+2772.984]LTVK. L	HexNAc (6) Hex (6) NeuAc (2)	1196.83 ₁	3	25.8	36.8	34.5	35.4	2	0.0	0.2	0.2	0.2
90	E. IQN[+2789.999]LTVK. L	HexNAc (6) Hex (7) Fuc (1) NeuAc (1)	1202.50 ₄	3	21.2	76.5	74.5	75.5	5	0.0	0.8	0.8	0.8
90	E. IQN[+3081.095]LTVK. L	HexNAc (6) Hex (7) Fuc (1) NeuAc (2)	1299.53 ₆	3	25.2	80.2	75.3	77.2	9	0.0	1.6	1.5	1.5
90	E. IQN[+3372.190]LTVK. L	HexNAc (6) Hex (7) Fuc (1) NeuAc (3)	1396.55 ₈	3	30.0	87.0	88.5	89.5	13	0.0	2.5	2.5	2.6
90	E. IQN[+3663.286]LTVK. L	HexNAc (6) Hex (7) Fuc (1) NeuAc (4)	1493.60 ₉	3	36.8	92.6	90.5	89.8	10	0.0	2.0	2.0	2.0
90	E. IQN[+2643.941]LTVK. L	HexNAc (6) Hex (7) NeuAc (1)	1153.81 ₈	3	20.8	83.7	80.5	85.1	4	0.0	0.7	0.7	0.8
90	E. IQN[+2935.037]LTVK. L	HexNAc (6) Hex (7) NeuAc (2)	1250.85 ₁	3	25.5	92.9	88.8	82.5	9	0.0	1.8	1.8	1.6
90	E. IQN[+3226.132]LTVK. L	HexNAc (6) Hex (7) NeuAc (3)	1347.88 ₃	3	29.9	84.5	91.6	95.0	7	0.0	1.3	1.4	1.5
90	E. IQN[+2952.052]LTVK. L	HexNAc (6) Hex (8) Fuc (1) NeuAc (1)	1256.52 ₅	3	25.1	80.1	79.2	79.2	5	0.0	0.9	0.9	0.9
90	E. IQN[+3284.174]LTVK. L	HexNAc (7) Hex (7) Fuc (1) NeuAc (2)	1367.22 ₃	3	25.0	78.5	82.2	85.6	3	0.0	0.5	0.5	0.6
103	K. LQLQALQQN[+1694.603]GSSVLSED. K	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	1175.51 ₉	3	35.5	34.6	36.5	35.7	2	0.0	0.3	0.3	0.3
103	K. LQLQALQQN[+1589.571]GSSVLSED. K	HexNAc (4) Hex (3) NeuAc (1)	1140.52 ₆	3	31.5	57.3	59.2	58.2	5	0.0	1.4	1.4	1.4
103	K. LQLQALQQN[+1897.682]GSSVLSEDK. S	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	1285.89 ₁	3	34.2	53.0	55.0	54.7	11	0.1	2.8	2.9	2.9
103	K. LQLQALQQN[+1751.624]GSSVLSED. K	HexNAc (4) Hex (4) NeuAc (1)	1194.53 ₆	3	31.7	64.5	62.1	63.3	2	0.0	0.6	0.6	0.6
103	K. LQLQALQQN[+2059.735]GSSVLSE. D	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	1258.88	3	38.9	40.2	42.0	41.0	45	0.2	8.6	9.0	8.8
103	K. LQLQALQQN[+2350.830]GSSVLSE. D	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	1355.91 ₁	3	43.4	59.1	61.2	60.7	63	0.3	17.7	18.4	18.2

103	K. LQLQALQQN[+1913. 677]GSSVLSED. K	HexNAc (4) Hex (5) NeuAc (1)	1248. 51 9	3	31. 3	71. 2	76. 2	72. 8	6	0. 0	2. 0	2. 2	2. 1
103	K. LQLQALQQN[+2204. 772]GSSVLSED. K	HexNAc (4) Hex (5) NeuAc (2)	1345. 59 1	3	34. 0	35. 2	38. 6	38. 9	9	0. 0	1. 5	1. 7	1. 7
103	K. LQLQALQQN[+2221. 788]GSSVLSEDK. S	HexNAc (4) Hex (6) Fuc (1) NeuA c (1)	1393. 94 8	3	33. 8	52. 1	56. 8	55. 8	8	0. 0	2. 0	2. 2	2. 1
103	K. LQLQALQQN[+2100. 761]GSSVLSEDK. S	HexNAc (5) Hex (4) Fuc (1) NeuA c (1)	1353. 59 7	3	34. 3	71. 0	69. 8	70. 2	6	0. 0	2. 0	2. 0	2. 0
103	K. LQLQALQQN[+1954. 704]GSSVLSED. K	HexNAc (5) Hex (4) NeuAc (1)	1262. 22 4	3	31. 5	64. 2	55. 8	62. 0	4	0. 0	1. 2	1. 1	1. 2
103	K. LQLQALQQN[+2262. 814]GSSVLSEDK. S	HexNAc (5) Hex (5) Fuc (1) NeuA c (1)	1407. 61 2	3	34. 0	53. 1	51. 0	52. 7	13	0. 1	3. 3	3. 2	3. 3
103	K. LQLQALQQN[+2116. 756]GSSVLSED. K	HexNAc (5) Hex (5) NeuAc (1)	1316. 24 5	3	31. 0	60. 1	56. 2	58. 5	5	0. 0	1. 4	1. 3	1. 4
103	K. LQLQALQQN[+2407. 852]GSSVLSED. K	HexNAc (5) Hex (5) NeuAc (2)	1413. 27	3	34. 2	56. 4	58. 1	57. 8	1	0. 0	0. 3	0. 3	0. 3
103	K. LQLQALQQN[+2424. 867]GSSVLSEDK. S	HexNAc (5) Hex (6) Fuc (1) NeuA c (1)	1461. 64 8	3	33. 8	48. 9	51. 3	50. 7	6	0. 0	1. 4	1. 5	1. 4
103	K. LQLQALQQN[+2715. 963]GSSVLSEDK. S	HexNAc (5) Hex (6) Fuc (1) NeuA c (2)	1558. 65 4	3	37. 1	78. 3	76. 5	77. 6	4	0. 0	1. 5	1. 5	1. 5
103	K. LQLQALQQN[+3007. 058]GSSVLSEDK. S	HexNAc (5) Hex (6) Fuc (1) NeuA c (3)	1242. 00 9	4	41. 4	80. 1	78. 5	79. 7	11	0. 1	4. 2	4. 1	4. 2
103	K. LQLQALQQN[+2157. 783]GSSVLSE. D	HexNAc (6) Hex (4) NeuAc (1)	1291. 55 1	3	31. 3	78. 1	80. 2	79. 7	4	0. 0	1. 5	1. 5	1. 5
103	K. LQLQALQQN[+2627. 947]GSSVLSEDK. S	HexNAc (6) Hex (6) Fuc (1) NeuA c (1)	1529. 32 9	3	33. 8	85. 0	83. 5	84. 1	2	0. 0	0. 8	0. 8	0. 8
103	K. LQLQALQQN[+2919. 042]GSSVLSEDK. S	HexNAc (6) Hex (6) Fuc (1) NeuA c (2)	976. 223	5	28. 5	62. 3	65. 4	63. 5	1	0. 0	0. 3	0. 3	0. 3
103	K. LQLQALQQN[+2789. 999]GSSVLSEDK. S	HexNAc (6) Hex (7) Fuc (1) NeuA c (1)	1583. 34 6	3	37. 8	77. 0	74. 5	76. 0	1	0. 0	0. 4	0. 4	0. 4
103	K. LQLQALQQN[+3372. 190]GSSVLSEDK. S	HexNAc (6) Hex (7) Fuc (1) NeuA c (3)	1333. 29 7	4	41. 0	84. 0	82. 7	83. 7	1	0. 0	0. 4	0. 4	0. 4
322	K. FFVSVGLPN[+2481. 889]MTQGFWENSMLTDPG NVQK. A	HexNAc (6) Hex (6) NeuAc (1)	1407. 10 2	4	45. 4	72. 3	76. 5	75. 2	8	0. 2	17. 0	18. 0	17. 7
322	K. FFVSVGLPN[+2772. 984]MTQGFWE. N	HexNAc (6) Hex (6) NeuAc (2)	1544. 62 8	3	48. 0	86. 5	84. 2	85. 7	7	0. 2	17. 8	17. 3	17. 6
322	K. FFVSVGLPN[+2424. 867]MTQGFWE. N	HexNAc (5) Hex (6) Fuc (1) NeuA c (1)	1428. 57 9	3	52. 2	87. 2	85. 6	86. 7	3	0. 1	7. 7	7. 6	7. 7
322	K. FFVSVGLPN[+2432. 884]M[+15. 995]TQGFW E. N	HexNAc (6) Hex (3) Fuc (1) NeuA c (2)	1436. 57 3	3	49. 5	57. 6	53. 2	55. 3	1	0. 0	1. 7	1. 6	1. 6
322	K. FFVSVGLPN[+2715. 963]MTQGFWE. N	HexNAc (5) Hex (6) Fuc (1) NeuA c (2)	1525. 60 2	3	56. 5	84. 2	90. 0	86. 8	3	0. 1	7. 4	7. 9	7. 7
322	K. FFVSVGLPN[+2789. 999]MTQGFWE. N	HexNAc (6) Hex (7) Fuc (1) NeuA c (1)	1550. 30 4	3	52. 0	78. 5	86. 3	84. 3	6	0. 2	13. 9	15. 2	14. 9
322	K. FFVSVGLPN[+2805. 994]MTQGFWE. N	HexNAc (6) Hex (8) NeuAc (1)	1555. 61 4	3	52. 2	84. 2	78. 5	81. 7	1	0. 0	2. 5	2. 3	2. 4
322	K. FFVSVGLPN[+3081. 095]MTQGFWE. N	HexNAc (6) Hex (7) Fuc (1) NeuA c (2)	1647. 32 4	3	56. 4	91. 0	79. 0	88. 0	3	0. 1	8. 0	7. 0	7. 8
322	K. FFVSVGLPN[+3155. 132]MTQGFWE. N	HexNAc (7) Hex (8) Fuc (1) NeuA c (1)	1672. 00 3	3	47. 4	64. 3	58. 3	61. 3	2	0. 1	3. 8	3. 4	3. 6

432	D. N[+2391. 857]ETEINFLK. Q	HexNAc (5) Hex (4) Fuc (1) NeuA c (2)	1204. 82 2	3	39. 2	62. 5	59. 1	62. 9	1	0. 2	10. 4	9. 9	10. 5
432	D. N[+1954. 704]ETE. I	HexNAc (5) Hex (4) NeuAc (1)	1223. 96 1	2	47. 7	74. 8	76. 8	75. 3	1	0. 2	12. 5	12. 8	12. 5
432	D. N[+2715. 963]ETEINFLK. Q	HexNAc (5) Hex (6) Fuc (1) NeuA c (2)	1312. 87 3	3	35. 6	55. 6	60. 7	57. 6	2	0. 3	18. 5	20. 2	19. 2
432	D. N[+2919. 042]ETEINFLK. Q	HexNAc (6) Hex (6) Fuc (1) NeuA c (2)	1380. 56 1	3	38. 8	55. 8	63. 5	59. 4	1	0. 2	9. 3	10. 6	9. 9
432	D. N[+4102. 455]E. T	HexNAc (8) Hex (9) Fuc (1) NeuA c (3)	1455. 54 3	3	42. 3	74. 9	73. 2	75. 9	1	0. 2	12. 5	12. 2	12. 7
546	K. C[+57. 021]DISN[+1694. 603]STE. A	HexNAc (3) Hex (4) Fuc (1) NeuA c (1)	1310. 49 3	2	20. 7	70. 5	75. 6	74. 3	9	0. 1	4. 2	4. 5	4. 5
546	K. C[+57. 021]DISN[+1710. 598]STE. A	HexNAc (3) Hex (5) NeuAc (1)	1318. 48 9	2	20. 6	76. 2	68. 5	70. 0	1	0. 0	0. 5	0. 5	0. 5
546	K. C[+57. 021]DISN[+2018. 708]STE. A	HexNAc (3) Hex (6) Fuc (1) NeuA c (1)	982. 029	3	20. 4	75. 6	73. 2	71. 2	8	0. 1	4. 0	3. 9	3. 8
546	K. C[+57. 021]DISN[+1872. 651]STE. A	HexNAc (3) Hex (6) NeuAc (1)	1399. 51 7	2	20. 2	82. 3	86. 5	85. 1	4	0. 0	2. 2	2. 3	2. 3
546	K. C[+57. 021]DISN[+1897. 682]STE. A	HexNAc (4) Hex (4) Fuc (1) NeuA c (1)	941. 687	3	20. 7	68. 2	69. 2	67. 6	4	0. 0	1. 8	1. 8	1. 8
546	K. C[+57. 021]DISN[+1751. 624]STE. A	HexNAc (4) Hex (4) NeuAc (1)	1338. 99 1	2	26. 7	68. 2	66. 8	68. 8	1	0. 0	0. 5	0. 4	0. 5
546	K. C[+57. 021]DISN[+2059. 735]STEAGQK. L	HexNAc (4) Hex (5) Fuc (1) NeuA c (1)	1123. 78 1	3	18. 2	78. 6	75. 8	79. 6	18	0. 1	9. 4	9. 1	9. 6
546	D. ISN[+2350. 830]STEAGQK. L	HexNAc (4) Hex (5) Fuc (1) NeuA c (2)	1129. 10 1	3	26. 7	79. 0	75. 8	78. 9	14	0. 1	7. 4	7. 1	7. 4
546	K. CDISN[+1913. 677]STE. A	HexNAc (4) Hex (5) NeuAc (1)	1391. 49 1	2	21. 3	78. 2	80. 5	82. 5	13	0. 1	6. 8	7. 0	7. 2
546	K. C[+57. 021]DISN[+2100. 761]STE. A	HexNAc (5) Hex (4) Fuc (1) NeuA c (1)	1009. 37 9	3	20. 8	59. 8	60. 2	58. 2	4	0. 0	1. 6	1. 6	1. 6
546	K. C[+57. 021]DISN[+2262. 814]STE. A	HexNAc (5) Hex (5) Fuc (1) NeuA c (1)	1063. 38 4	3	20. 2	70. 2	68. 2	69. 1	6	0. 0	2. 8	2. 7	2. 8
546	K. C[+57. 021]DISN[+2424. 867]STE. A	HexNAc (5) Hex (6) Fuc (1) NeuA c (1)	1675. 63 1	2	20. 0	95. 0	92. 6	96. 8	15	0. 1	9. 5	9. 3	9. 7
546	K. C[+57. 021]DISN[+2715. 963]STE. A	HexNAc (5) Hex (6) Fuc (1) NeuA c (2)	1214. 43 7	3	25. 1	85. 5	87. 0	87. 0	11	0. 1	6. 3	6. 4	6. 4
546	D. ISN[+3007. 058]STE. A	HexNAc (5) Hex (6) Fuc (1) NeuA c (3)	1219. 8	3	25. 4	83. 2	78. 8	82. 9	1	0. 0	0. 6	0. 5	0. 6
546	K. C[+57. 021]DISN[+2278. 809]STEAGQK. L	HexNAc (5) Hex (6) NeuAc (1)	1196. 79 6	3	24. 1	73. 2	74. 4	75. 8	1	0. 0	0. 5	0. 5	0. 5
546	K. C[+57. 021]DISN[+2569. 905]STE. A	HexNAc (5) Hex (6) NeuAc (2)	1165. 75 7	3	20. 9	48. 2	50. 6	58. 2	2	0. 0	0. 6	0. 7	0. 8
546	K. CDISN[+2465. 894]STE. A	HexNAc (6) Hex (5) Fuc (1) NeuA c (1)	1112. 08 7	3	26. 9	68. 5	70. 2	71. 2	1	0. 0	0. 5	0. 5	0. 5
546	K. C[+57. 021]DISN[+2627. 947]STE. A	HexNAc (6) Hex (6) Fuc (1) NeuA c (1)	1185. 11 6	3	20. 5	66. 5	67. 7	68. 2	4	0. 0	1. 8	1. 8	1. 8
546	K. CDISN[+2772. 984]STE. A	HexNAc (6) Hex (6) NeuAc (2)	1214. 45 2	3	44. 2	85. 0	84. 9	85. 0	3	0. 0	1. 7	1. 7	1. 7
546	K. CDISN[+2789. 999]STE. A	HexNAc (6) Hex (7) Fuc (1) NeuA c (1)	1220. 12	3	24. 8	85. 0	82. 9	75. 6	11	0. 1	6. 2	6. 1	5. 5

546	K. C[+57. 021]DISN[+3081. 095]STE. A	HexNAc (6) Hex (7) Fuc (1) NeuA c (2)	1336. 15 6	3	24. 4	94. 0	93. 8	90. 2	10	0. 1	6. 3	6. 3	6. 0
546	D. ISN[+3372. 190]STE. A	HexNAc (6) Hex (7) Fuc (1) NeuA c (3)	1341. 48 8	3	24. 4	92. 0	90. 6	89. 0	7	0. 0	4. 3	4. 2	4. 2
546	K. C[+57. 021]DISN[+2805. 994]STE. A	HexNAc (6) Hex (8) NeuAc (1)	1244. 46 4	3	20. 3	69. 5	71. 5	73. 5	2	0. 0	0. 9	1. 0	1. 0
690	K. N[+1694. 603]VSDIIPR. T	HexNAc (3) Hex (4) Fuc (1) NeuA c (1)	1304. 54	2	28. 9	71. 2	73. 2	72. 9	3	0. 0	1. 6	1. 7	1. 7
690	K. N[+1897. 682]VSDIIPR. T	HexNAc (4) Hex (4) Fuc (1) NeuA c (1)	1406. 09 2	2	29. 6	80. 5	77. 5	78. 5	7	0. 1	4. 3	4. 1	4. 2
690	K. N[+2059. 735]VSDIIPR. T	HexNAc (4) Hex (5) Fuc (1) NeuA c (1)	991. 755	3	29. 4	48. 6	52. 2	50. 5	28	0. 2	10. 4	11. 2	10. 8
690	K. N[+2350. 830]VSDIIPR. T	HexNAc (4) Hex (5) Fuc (1) NeuA c (2)	1088. 78	3	33. 0	36. 9	37. 2	37. 5	15	0. 1	4. 2	4. 3	4. 3
690	K. N[+1913. 677]VSDIIPR. T	HexNAc (4) Hex (5) NeuAc (1)	943. 068	3	29. 1	44. 2	48. 2	45. 4	20	0. 2	6. 7	7. 4	6. 9
690	K. N[+2204. 772]VSDIIPR. T	HexNAc (4) Hex (5) NeuAc (2)	1040. 10 3	3	33. 7	49. 8	52. 2	51. 7	5	0. 0	1. 9	2. 0	2. 0
690	K. N[+2100. 761]VSDIIPR. T	HexNAc (5) Hex (4) Fuc (1) NeuA c (1)	1005. 41 5	3	29. 2	53. 5	58. 9	56. 3	1	0. 0	0. 4	0. 4	0. 4
690	K. N[+2424. 867]VSDIIPR. T	HexNAc (5) Hex (6) Fuc (1) NeuA c (1)	1113. 47	3	28. 7	74. 5	68. 9	71. 0	12	0. 1	6. 8	6. 3	6. 5
690	K. N[+2715. 963]VSDIIPR. T	HexNAc (5) Hex (6) Fuc (1) NeuA c (2)	1210. 49 8	3	32. 7	83. 2	84. 0	84. 4	9	0. 1	5. 7	5. 8	5. 8
690	K. N[+3007. 058]VSDIIPR. T	HexNAc (5) Hex (6) Fuc (1) NeuA c (3)	1307. 53	3	38. 7	71. 5	70. 0	72. 5	7	0. 1	3. 8	3. 7	3. 9
690	K. N[+2278. 809]VSDIIPR. T	HexNAc (5) Hex (6) NeuAc (1)	1064. 76 5	3	28. 8	65. 8	69. 8	68. 6	5	0. 0	2. 5	2. 7	2. 6
690	K. N[+2569. 905]VSDIIPR. T	HexNAc (5) Hex (6) NeuAc (2)	1161. 81 3	3	33. 2	57. 8	62. 1	59. 4	6	0. 0	2. 6	2. 8	2. 7
690	K. N[+2861. 000]VSDIIPR. T	HexNAc (5) Hex (6) NeuAc (3)	1258. 84 3	3	40. 2	37. 6	40. 5	38. 2	2	0. 0	0. 6	0. 6	0. 6
690	K. N[+2789. 999]VSDIIPR. T	HexNAc (6) Hex (7) Fuc (1) NeuA c (1)	1235. 17 7	3	28. 6	66. 8	69. 8	67. 0	5	0. 0	2. 5	2. 7	2. 6
690	K. N[+3081. 095]VSDIIPR. T	HexNAc (6) Hex (7) Fuc (1) NeuA c (2)	1332. 18 4	3	32. 4	75. 6	81. 2	77. 7	6	0. 0	3. 5	3. 7	3. 6

Table S5. Identified O-linked glycopeptides and O-linked glycans in *hACE2*. **Table S5a**, intact O-glycopeptides identified by Orbitrap Exploris™ 480.

position	Peptide ◀ ProteinMetrics Confidential ▶	Glycans NH ₂ FAGNa	Modification Type(s)	Glycans combination	Observed m/z	z	Observed (M+H)	Calc. mass (M+H)	Mass error (ppm)	Score	Scan Time
77&78	K. EQST[+947. 323]LAQM[+15. 995]YPLQEIQN[+0. 984]LTVK. L	HexNAc (1) Hex (1) NeuAc (2)	M[+16], N[+1], T[+947]		1100. 176	3	3298. 514	3298. 503	3. 3	243. 5	50. 4943
105&106&109	K. LQLQALQQNGS[+203. 079]SVLSEDK. S	HexNAc (1)	S[+203]		1081. 0458	2	2161. 0843	2161. 0983	-6. 4	740. 45	6. 4027
105&106&109	K. LQLQALQQNGS[+568. 212]SVLSEDK. S	HexNAc (2) Hex (1)	S[+568]		842. 744	3	2526. 217	2526. 231	-5. 5	473. 9	29. 0334
105&106&109	K. LQLQALQQNGS[+730. 264]SVLSE. D	HexNAc (2) Hex (2)	S[+730]		815. 7224	3	2445. 1527	2445. 1614	-3. 5	326. 6	46. 1334
118&122&124&125&129&130	R. LNTILNTMS[+1208. 444]T[+1428. 539]IYSTGK. V	HexNAc (3) Hex (1) Fuc (1) NeuAc (1), HexNAc (4) Hex (2) Fuc (2)	S[+1208], T[+1429]	HexNAc (7) Hex (3) Fuc (3) NeuAc (1)	879. 5829	5	4393. 8855	4393. 8982	-2. 9	550. 5	36. 9138
371	D. FLT[+933. 344]AHHE. M	HexNAc (3) Hex (2)	T[+933]		894. 3858	2	1787. 7643	1787. 7593	2. 8	153. 95	40. 846
409&411&414	E. IMS[+1183. 413]LS[+673. 243]AATPK. H	HexNAc (2) Hex (3) NeuAc (1), HexNAc (1) Hex (2) Fuc (1)	S[+673] [+1183]	HexNAc (3) Hex (5) Feu (1) NeuAc (1)	1438. 1235	2	2875. 2396	2875. 2157	8. 3	162. 42	28. 6375
409&411&414	E. IMS[+673. 243]LS[+1183. 413]AATPK. H	HexNAc (1) Hex (2) Fuc (1), HexNAc (2) Hex (3) NeuAc (1)	S[+673] [+1183]	HexNAc (3) Hex (5) Feu (1) NeuAc (1)	1438. 1235	2	2875. 2396	2875. 2157	8. 3	159	28. 8915
409&411&414	E. IMS[+802. 286]LS[+892. 317]AATPK. H	HexNAc (1) Hex (1) Fuc (1) NeuAc (1), HexNAc (2) Hex (3)	S[+802] [+892]	HexNAc (3) Hex (4) Feu (1) NeuAc (1)	1357. 097	2	2713. 1867	2713. 1629	8. 8	155. 74	29. 0632
409&411&414	E. IMS[+892. 317]LS[+802. 286]AATPK. H	HexNAc (2) Hex (3), HexNAc (1) Hex (1) Fuc (1) NeuAc (1)	S[+802] [+892]	HexNAc (3) Hex (4) Feu (1) NeuAc (1)	1357. 0971	2	2713. 1869	2713. 1629	8. 9	178. 98	29. 3229
409&411&414	E. IMS[+656. 228]LS[+892. 317]AATPK. H	HexNAc (1) Hex (1) NeuAc (1), HexNAc (2) Hex (3)	S[+656] [+892]	HexNAc (3) Hex (4) NeuAc (1)	1284. 0679	2	2567. 1286	2567. 1049	9. 2	184. 3	28. 9804
409&411&414	E. IMS[+730. 264]LS[+714. 269]AATPK. H	HexNAc (2) Hex (2), HexNAc (2) Hex (1) Fuc (1)	S[+714] [+730]	HexNAc (4) Hex (3) Feu (1)	1232. 0622	2	2463. 1171	2463. 094	9. 4	168. 26	22. 5863
409&411&414	E. IM[+15. 995]S[+947. 323]LSAATPK. H	HexNAc (1) Hex (1) NeuAc (2)	M[+16], S[+947]		991. 4411	2	1981. 8749	1981. 8781	-1. 6	184. 91	17. 8475
409&411&414	E. IMS[+892. 317]LS[+656. 228]AATPK. H	HexNAc (2) Hex (3), HexNAc (1) Hex (1) NeuAc (1)	S[+656] [+892]	HexNAc (3) Hex (4) NeuAc (1)	856. 3808	3	2567. 1277	2567. 1049	8. 9	164. 01	29. 0334
409&411&414	E. IMS[+511. 190]LS[+1183. 413]AATPK. H	HexNAc (1) Hex (1) Fuc (1), HexNAc (2) Hex (3) NeuAc (1)	S[+511] [+1183]	HexNAc (3) Hex (4) Feu (1) NeuAc (1)	905. 0666	3	2713. 1851	2713. 1629	8. 2	151. 41	28. 583
425&434	L. S[+203. 079]PDFQEDNETEIN. F	HexNAc (1)	S[+203]		870. 8511	2	1740. 695	1740. 7083	-7. 6	395. 1	18. 3656
425&434	L. SPDFQEDNET[+203. 079]EIN. F	HexNAc (1)	T[+203]		870. 8521	2	1740. 6968	1740. 7083	-6. 6	451. 05	18. 3462
434	Q. EDNET[+1458. 513]EIN[+0. 984]F. L	HexNAc (2) Hex (2) Fuc (1) NeuAc (2)	N[+1], T[+1459]		1285. 4823	2	2569. 9574	2569. 9557	0. 7	178. 46	10. 3811
545&547&548	E. GPLHKDCIS[+365. 132]NSTE. A	HexNAc (1) Hex (1)	S[+365]		883. 3951	2	1765. 783	1765. 7796	1. 9	178. 5	40. 8995
730	L. GIQPT[+730. 264]LGPP. N	HexNAc (2) Hex (2)	T[+730]		805. 3771	2	1609. 747	1609. 7578	-6. 7	502. 77	24. 5908
730	L. GIQPT[+730. 264]LGPPN. Q	HexNAc (2) Hex (2)	T[+730]		862. 3986	2	1723. 7898	1723. 8008	-6. 3	441. 4	18. 3649
730	L. GIQPT[+656. 228]LGPP. N	HexNAc (1) Hex (1) NeuAc (1)	T[+656]		768. 3578	2	1535. 708	1535. 721	-8. 3	516. 44	33. 1388
730	L. GIQPT[+656. 228]LGPPN. Q	HexNAc (1) Hex (1) NeuAc (1)	T[+656]		825. 3814	2	1649. 756	1649. 764	-5. 1	444. 06	30. 6485
730	L. GIQPT[+568. 212]LGPP. N	HexNAc (2) Hex (1)	T[+568]		724. 3502	2	1447. 693	1447. 705	-8. 3	450. 36	24. 6665
730	L. GIQPT[+568. 212]LGPPN. Q	HexNAc (2) Hex (1)	T[+568]		781. 3726	2	1561. 738	1561. 748	-6. 5	405. 96	18. 5718
730	L. GIQPT[+365. 132]LGPP. N	HexNAc (1) Hex (1)	T[+365]		622. 812	2	1244. 617	1244. 626	-7. 1	254. 26	25. 8402
730	L. GIQPT[+365. 132]LGPPN. Q	HexNAc (1) Hex (1)	T[+365]		679. 8337	2	1358. 66	1358. 669	-6. 2	348. 95	18. 8171
730	L. GIQPT[+203. 079]LGPP. N	HexNAc (1)	T[+203]		541. 7859	2	1082. 565	1082. 573	-7. 7	424. 51	20. 286
730	L. GIQPT[+203. 079]LGPPN. Q	HexNAc (1)	T[+203]		598. 8078	2	1196. 608	1196. 616	-6. 2	427. 93	18. 8158
730	L. GIQPT[+406. 159]LGPP. N	HexNAc (2)	T[+406]		643. 325	2	1285. 6426	1285. 6522	-7. 4	298. 96	19. 8754
730	L. GIQPT[+771. 291]LGPP. N	HexNAc (3) Hex (1)	T[+771]		825. 8904	2	1650. 7735	1650. 7844	-6. 6	437. 42	19. 8173
730	L. GIQPT[+859. 307]LGPP. N	HexNAc (2) Hex (1) NeuAc (1)	T[+859]		869. 9003	2	1738. 7934	1738. 8004	-4. 1	300. 75	33. 2589
730	L. GIQPT[+947. 323]LG. P	HexNAc (1) Hex (1) NeuAc (2)	T[+947]		816. 8536	2	1632. 7	1632. 7109	-6. 7	296. 75	29. 8955
730	L. GIQPT[+947. 323]LGPP. N	HexNAc (1) Hex (1) NeuAc (2)	T[+947]		1826. 807	1	1826. 807	1826. 817	-5. 4	551. 82	33. 2084
730	L. GIQPT[+947. 323]LGPPN. Q	HexNAc (1) Hex (1) NeuAc (2)	T[+947]		970. 9273	2	1940. 847	1940. 859	-6. 2	444. 95	30. 6557
730	L. GIQPT[+1021. 360]LGPP. N	HexNAc (2) Hex (2) NeuAc (1)	T[+1021]		950. 9244	2	1900. 841	1900. 853	-6. 2	512. 44	25. 0331
730	L. GIQPT[+1021. 360]LGPPN. Q	HexNAc (2) Hex (2) NeuAc (1)	T[+1021]		1007. 945	2	2014. 882	2014. 896	-7	399. 95	22. 8229
730	L. GIQPT[+1312. 455]LGPPNQPPVSGGG. S	HexNAc (2) Hex (2) NeuAc (2)	T[+1312]		1014. 7778	3	3042. 3188	3042. 342	-7. 6	184. 66	39. 0363
730	L. GIQPT[+1167. 418]LGPP. N	HexNAc (2) Hex (2) Fuc (1) NeuAc (1)	T[+1167]		1023. 9518	2	2046. 8964	2046. 9112	-7. 2	424. 56	24. 6417
730	L. GIQPT[+1969. 703]LGPPNQPPVSGG. G	HexNAc (3) Hex (3) Fuc (2) NeuAc (2)	T[+1970]		1195. 8433	3	3585. 5154	3585. 5471	-8. 8	150. 32	45. 0526
730	L. GIQPT[+1677. 587]LGPPNQPPVSGGG. S	HexNAc (3) Hex (3) NeuAc (2)	T[+1678]		1136. 4879	3	3407. 4493	3407. 4742	-7. 3	340. 93	28. 0387
730	L. GIQPT[+771. 291]LGPP. N	HexNAc (3) Hex (1)	T[+771]		825. 8903	2	1650. 7734	1650. 7844	-6. 7	402. 38	19. 794
740	L. GIQPTLGPPNQPPVS[+406. 159]GG. G	HexNAc (2)	S[+406]		1011. 498	2	2021. 9888	2022. 0026	-6. 8	366. 5	25. 4805
740	L. GIQPTLGPPNQPPVS[+568. 212]GG. G	HexNAc (2) Hex (1)	S[+568]		1092. 5221	2	2184. 037	2184. 0554	-8. 4	498. 98	25. 4839
740	L. GIQPTLGPPNQPPVS[+656. 228]GG. G	HexNAc (1) Hex (1) NeuAc (1)	S[+656]		1136. 5319	2	2272. 0565	2272. 0715	-6. 6	600. 34	31. 2895

740	L. GIQPTLGPNNQPPVS [+730. 264]GG. G	HexNac (2) Hex (2)	S [+730]		1173. 548	2	2346. 0888	2346. 1082	-8. 3	450. 14	25. 4874
740	L. GIQPTLGPNNQPPVS [+859. 307]GG. G	HexNac (2) Hex (1) NeuAc (1)	S [+859]		1238. 0707	2	2475. 1342	2475. 1508	-6. 7	579. 9	31. 4756
740	L. GIQPTLGPNNQPPVS [+1021. 360]GG. G	HexNac (2) Hex (2) NeuAc (1)	S [+1021]		1319. 0971	2	2637. 1869	2637. 2037	-6. 4	462. 35	31. 4714
740	L. GIQPTLGPNNQPPVS [+1021. 360]GG. G	HexNac (2) Hex (2) NeuAc (1)	S [+1021]		879. 734	3	2637. 1876	2637. 2037	-6. 1	508. 68	31. 2679
740	L. GIQPTLGPNNQPPVS [+1150. 402]GG. G	HexNac (2) Hex (1) NeuAc (2)	S [+1150]		1383. 6171	2	2766. 2269	2766. 2462	-7	502. 77	43. 3227
740	L. GIQPTLGPNNQPPVS [+1167. 418]GG. G	HexNac (2) Hex (2) Fuc (1) NeuAc (1)	S [+1167]		928. 4184	3	2783. 2407	2783. 2616	-7. 5	461. 52	24. 653
740	L. GIQPTLGPNNQPPVS [+1224. 439]GG. G	HexNac (3) Hex (2) NeuAc (1)	S [+1224]		1420. 6358	2	2840. 2643	2840. 283	-6. 6	270. 78	29. 9681
740	L. GIQPTLGPNNQPPVS [+1312. 455]GG. G	HexNac (2) Hex (2) NeuAc (2)	S [+1312]		1464. 6421	2	2928. 277	2928. 2991	-7. 5	518. 09	29. 5812
740	L. GIQPTLGPNNQPPVS [+1458. 513]GGGG. S	HexNac (2) Hex (2) Fuc (1) NeuAc (2)	S [+1459]		1063. 4628	3	3188. 3738	3188. 3999	-8. 2	401. 68	28. 2539
740	L. GIQPTLGPNNQPPVS [+1224. 439]GG. G	HexNac (3) Hex (2) NeuAc (1)	S [+1224]		1420. 6358	2	2840. 2643	2840. 283	-6. 6	270. 78	29. 9681
740	L. GIQPTLGPNNQPPVS [+1515. 535]GG. G	HexNac (3) Hex (2) NeuAc (2)	S [+1516]		1044. 4569	3	3131. 3563	3131. 3784	-7. 1	572. 28	30. 447
740	L. GIQPTLGPNNQPPVS [+1095. 397]GG. G	HexNac (3) Hex (3)	S [+1095]		904. 4134	3	2711. 2255	2711. 2404	-5. 5	300. 76	20. 5454
740	L. GIQPTLGPNNQPPVS [+1386. 492]GG. G	HexNac (3) Hex (3) NeuAc (1)	S [+1386]		1001. 4429	3	3002. 3141	3002. 3359	-7. 2	503. 43	24. 3562
740	L. GIQPTLGPNNQPPVS [+1677. 587]GG. G	HexNac (3) Hex (3) NeuAc (2)	S [+1678]		1098. 4739	3	3293. 4072	3293. 4313	-7. 3	534. 03	29. 9265
730&740	L. GIQPTLGPNNQPPVS [+203. 079]GG. G	HexNac (1)	S [+203]	HexNac (1)	909. 9597	2	1818. 912	1818. 923	-6. 1	335. 74	31. 7883
730&740	L. GIQPT [+365. 132]LGPPNNQPPVSGG. G	HexNac (1) Hex (1)	T [+365]	HexNac (1) Hex (1)	990. 9846	2	1980. 962	1980. 976	-7. 1	335. 33	25. 5092
730&740	L. GIQPT [+656. 228]LGPPNNQPPVS. G	HexNac (1) Hex (1) NeuAc (1)	T [+656]	HexNac (1) Hex (1) NeuAc (1)	1079. 51	2	2158. 012	2158. 029	-7. 6	319. 88	33. 8102
730&740	L. GIQPTLGPNNQPPVS [+656. 228]GG. G	HexNac (1) Hex (1) NeuAc (1)	S [+656]	HexNac (1) Hex (1) NeuAc (1)	1136. 532	2	2272. 058	2272. 072	-6. 1	475. 02	43. 3687
730&740	L. GIQPT [+947. 323]LGPPNNQPPV. S	HexNac (1) Hex (1) NeuAc (2)	T [+947]	HexNac (1) Hex (1) NeuAc (2)	788. 0324	3	2362. 083	2362. 092	-4	157. 91	36. 3106
730&740	L. GIQPT [+947. 323]LGPPNNQPPVSGG. G	HexNac (1) Hex (1) NeuAc (2)	T [+947]	HexNac (1) Hex (1) NeuAc (2)	1282. 077	2	2563. 146	2563. 167	-8. 2	481. 37	30. 9606
730&740	L. GIQPTLGPNNQPPVS [+947. 323]GG. G	HexNac (1) Hex (1) NeuAc (2)	S [+947]	HexNac (1) Hex (1) NeuAc (2)	1282. 077	2	2563. 147	2563. 167	-7. 9	541. 09	31. 8526
730&740	L. GIQPT [+947. 323]LGPPNNQPPVS. G	HexNac (1) Hex (1) NeuAc (2)	T [+947]	HexNac (1) Hex (1) NeuAc (2)	817. 0425	3	2449. 113	2449. 124	-4. 5	188. 83	34. 1472
730&740	L. GIQPTLGPNNQPPVS [+947. 323]GG. G	HexNac (1) Hex (1) NeuAc (2)	S [+947]	HexNac (1) Hex (1) NeuAc (2)	855. 0552	3	2563. 151	2563. 167	-6. 2	428. 72	32. 9303
730&740	L. GIQPT [+406. 159]LGPPNNQPPVSGG. G	HexNac (2)	T [+406]	HexNac (2)	1011. 497	2	2021. 986	2022. 003	-8. 1	324. 11	23. 0575
730&740	L. GIQPTLGPNNQPPVS [+406. 159]GG. G	HexNac (2)	S [+406]	HexNac (2)	1011. 5	2	2021. 993	2022. 003	-4. 8	336. 13	31. 8121
730&740	L. GIQPT [+568. 212]LGPPNNQPPVSGG. G	HexNac (2) Hex (1)	T [+568]	HexNac (2) Hex (1)	1092. 523	2	2184. 039	2184. 055	-7. 4	206. 06	21. 7992
730&740	L. GIQPT [+859. 307]LGPPNNQPPVSGG. G	HexNac (2) Hex (1) NeuAc (1)	T [+859]	HexNac (2) Hex (1) NeuAc (1)	825. 7158	3	2475. 133	2475. 151	-7. 3	355. 67	25. 496
730&740	L. GIQPTLGPNNQPPVS [+859. 307]GG. G	HexNac (2) Hex (1) NeuAc (1)	S [+859]	HexNac (2) Hex (1) NeuAc (1)	1238. 07	2	2475. 133	2475. 151	-7. 1	544. 58	30. 9404
730&740	L. GIQPT [+859. 307]LGPPNNQPPVSGG. G	HexNac (2) Hex (1) NeuAc (1)	T [+859]	HexNac (2) Hex (1) NeuAc (1)	1238. 07	2	2475. 133	2475. 151	-7. 2	468. 66	32. 0374
730&740	L. GIQPTLGPNNQPPVS [+859. 307]GG. G	HexNac (2) Hex (1) NeuAc (1)	S [+859]	HexNac (2) Hex (1) NeuAc (1)	825. 7172	3	2475. 137	2475. 151	-5. 6	436. 73	25. 4803
730&740	L. GIQPT [+1150. 402]LGPPNNQPPVSGG. G	HexNac (2) Hex (1) NeuAc (2)	T [+1150]	HexNac (2) Hex (1) NeuAc (2)	922. 7482	3	2766. 23	2766. 246	-5. 9	383. 7	30. 2444
730&740	L. GIQPT [+1150. 402]LGPPNNQPPVSGG. G	HexNac (2) Hex (1) NeuAc (2)	T [+1150]	HexNac (2) Hex (1) NeuAc (2)	1383. 616	2	2766. 225	2766. 246	-7. 9	323. 64	43. 1313
730&740	L. GIQPTLGPNNQPPVS [+1150. 402]GG. G	HexNac (2) Hex (1) NeuAc (2)	S [+1150]	HexNac (2) Hex (1) NeuAc (2)	922. 7483	3	2766. 23	2766. 246	-5. 8	428. 93	31. 9984
730&740	L. GIQPTLGPNNQPPVS [+1150. 402]GG. G	HexNac (2) Hex (1) NeuAc (2)	S [+1150]	HexNac (2) Hex (1) NeuAc (2)	1383. 618	2	2766. 229	2766. 246	-6. 2	473. 14	43. 8951
730&740	L. GIQPT [+1238. 418]LGPPNNQPPVS [+203. 079]GG. G	HexNac (1) Hex (1) NeuAc (3) , HexNac (1)	S [+203], T [+1238]	HexNac (2) Hex (1) NeuAc (3)	1019. 779	3	3057. 324	3057. 342	-5. 8	164. 18	39. 4525
730&740	L. GIQPT [+730. 264]LGPPNNQPPVSGG. G	HexNac (2) Hex (2)	T [+730]	HexNac (2) Hex (2)	1173. 549	2	2346. 09	2346. 108	-7. 8	259. 86	31. 2914
730&740	L. GIQPTLGPNNQPPVS [+1458. 513]GG. G	HexNac (2) Hex (2) Fuc (1) NeuAc (2)	S [+1459]	HexNac (2) Hex (2) Fuc (1) NeuAc (2)	1025. 451	3	3074. 338	3074. 357	-6. 2	469. 02	30. 6092
730&740	L. GIQPT [+1458. 513]LGPPNNQPPVSGG. G	HexNac (2) Hex (2) Fuc (1) NeuAc (2)	T [+1459]	HexNac (2) Hex (2) Fuc (1) NeuAc (2)	1025. 45	3	3074. 337	3074. 357	-6. 7	465. 36	30. 5537
730&740	L. GIQPT [+1313. 476]LGPPNNQPPVSGG. G	HexNac (2) Hex (2) Fuc (2) NeuAc (1)	T [+1313]	HexNac (2) Hex (2) Fuc (2) NeuAc (1)	1465. 15	2	2929. 292	2929. 32	-9. 5	215. 44	40. 4653
730&740	L. GIQPT [+1021. 360]LGPPNNQPPVSGG. G	HexNac (2) Hex (2) NeuAc (1)	T [+1021]	HexNac (2) Hex (2) NeuAc (1)	1319. 097	2	2637. 187	2637. 204	-6. 2	349. 74	30. 1538
730&740	L. GIQPT [+1021. 360]LGPPNNQPPVSGGG. S	HexNac (2) Hex (2) NeuAc (1)	T [+1021]	HexNac (2) Hex (2) NeuAc (1)	917. 7472	3	2751. 227	2751. 247	-7. 1	342. 14	25. 0024
730&740	L. GIQPTLGPNNQPPVS [+1021. 360]GG. G	HexNac (2) Hex (2) NeuAc (1)	S [+1021]	HexNac (2) Hex (2) NeuAc (1)	879. 734	3	2637. 187	2637. 204	-6. 2	499. 56	25. 9188
730&740	L. GIQPT [+947. 323]LGPPNNQPPVS [+365. 132]GG. G	HexNac (1) Hex (1) NeuAc (2) , HexNac (1) Hex (1)	S [+365], T [+947]	HexNac (2) Hex (2) NeuAc (2)	1464. 642	2	2928. 276	2928. 299	-7. 9	335. 77	29. 4847
730&740	L. GIQPTLGPNNQPPVS [+1312. 455]GG. G	HexNac (2) Hex (2) NeuAc (2)	S [+1312]	HexNac (2) Hex (2) NeuAc (2)	976. 7622	3	2928. 272	2928. 299	-9. 3	523. 39	39. 5778
730&740	L. GIQPTLGPNNQPPVS [+1312. 455]GG. G	HexNac (2) Hex (2) NeuAc (2)	S [+1312]	HexNac (2) Hex (2) NeuAc (2)	1464. 643	2	2928. 279	2928. 299	-6. 8	546. 43	43. 752
730&740	L. GIQPT [+1312. 455]LGPPNNQPPVSGG. G	HexNac (2) Hex (2) NeuAc (2)	T [+1312]	HexNac (2) Hex (2) NeuAc (2)	1464. 644	2	2928. 28	2928. 299	-6. 5	457. 63	39. 9343
730&740	L. GIQPTLGPNNQPPVS [+1312. 455]GG. G	HexNac (2) Hex (2) NeuAc (2)	S [+1312]	HexNac (2) Hex (2) NeuAc (2)	976. 765	3	2928. 281	2928. 299	-6. 3	491. 38	31. 1428
730&740	L. GIQPT [+1238. 418]LGPPNNQPPVS [+365. 132]GG. G	HexNac (1) Hex (1) NeuAc (3) , HexNac (1) Hex (1)	S [+365], T [+1238]	HexNac (2) Hex (2) NeuAc (3)	1073. 795	3	3219. 371	3219. 395	-7. 4	458. 26	43. 8527
730&740	L. GIQPT [+656. 228]LGPPNNQPPVS [+947. 323]GG. G	HexNac (1) Hex (1) NeuAc (1) , HexNac (1) Hex (1) NeuAc (2)	S [+947], T [+656]	HexNac (2) Hex (2) NeuAc (3)	1073. 796	3	3219. 373	3219. 395	-6. 8	482. 69	44. 373
730&740	L. GIQPT [+947. 323]LGPPNNQPPVS [+656. 228]GG. G	HexNac (1) Hex (1) NeuAc (2) , HexNac (1) Hex (1) NeuAc (1)	S [+656], T [+947]	HexNac (2) Hex (2) NeuAc (3)	1073. 795	3	3219. 371	3219. 395	-7. 4	488. 72	39. 6481
730&740	L. GIQPT [+947. 323]LGPPNNQPPVS [+656. 228]GG. G	HexNac (1) Hex (1) NeuAc (2) , HexNac (1) Hex (1) NeuAc (1)	S [+656], T [+947]	HexNac (2) Hex (2) NeuAc (3)	1610. 189	2	3219. 372	3219. 395	-7. 1	340. 16	39. 9974
730&740	L. GIQPT [+1238. 418]LGPPNNQPPVS [+365. 132]GG. G	HexNac (1) Hex (1) NeuAc (3) , HexNac (1) Hex (1)	S [+365], T [+1238]	HexNac (2) Hex (2) NeuAc (3)	1073. 796	3	3219. 374	3219. 395	-6. 5	562. 77	39. 6213
730&740	L. GIQPT [+656. 228]LGPPNNQPPVS [+947. 323]GGGG. S	HexNac (1) Hex (1) NeuAc (1) , HexNac (1) Hex (1) NeuAc (2)	S [+947], T [+656]	HexNac (2) Hex (2) NeuAc (3)	1111. 81	3	3333. 414	3333. 437	-7. 1	531. 9	39. 1314
730&740	L. GIQPT [+1238. 418]LGPPNNQPPVS [+365. 132]GG. G	HexNac (1) Hex (1) NeuAc (3) , HexNac (1) Hex (1)	S [+365], T [+1238]	HexNac (2) Hex (2) NeuAc (3)	1073. 796	3	3219. 373	3219. 395	-6. 7	461. 15	43. 0377
730&740	L. GIQPT [+947. 323]LGPPNNQPPVS [+656. 228]GG. G	HexNac (1) Hex (1) NeuAc (2) , HexNac (1) Hex (1) NeuAc (1)	S [+656], T [+947]	HexNac (2) Hex (2) NeuAc (3)	1073. 795	3	3219. 372	3219. 395	-7. 1	549. 09	44. 0905

730&740	L. GIQPT[+656. 228]LGPPNQPPVS[+947. 323]GGGG. S	HexNac (1)Hex (1)NeuAc (1) , HexNac (1)Hex (1)NeuAc (2)	S[+947], T[+656]	HexNac (2)Hex (2)NeuAc (3)	1111. 808	3	3333. 41	3333. 437	-8. 2	561. 74	39. 0177
730&740	L. GIQPT[+1238. 418]LGPPNQPPVS[+656. 228]GG. G	HexNac (1)Hex (1)NeuAc (3) , HexNac (1)Hex (1)NeuAc (1)	S[+656], T[+1238]	HexNac (2)Hex (2)NeuAc (4)	1170. 825	3	3510. 459	3510. 49	-8. 7	114. 83	45. 4636
730&740	L. GIQPT[+947. 323]LGPPNQPPVS[+947. 323]GG. G	HexNac (1)Hex (1)NeuAc (2) , HexNac (1)Hex (1)NeuAc (2)	S[+947], T[+947]	HexNac (2)Hex (2)NeuAc (4)	1170. 828	3	3510. 469	3510. 49	-6. 1	164. 35	45. 9911
730&740	L. GIQPT[+771. 291]LGPPNQPPVSGG. G	HexNac (3)Hex (1)	T[+771]	HexNac (3)Hex (1)	1194. 062	2	2387. 117	2387. 135	-7. 4	162. 08	24. 9825
730&740	L. GIQPT[+1062. 386]LGPPNQPPVSGG. G	HexNac (3)Hex (1)NeuAc (1)	T[+1062]	HexNac (3)Hex (1)NeuAc (1)	1339. 607	2	2678. 207	2678. 23	-8. 8	284. 38	30. 419
730&740	L. GIQPT[+933. 344]LGPPNQPPVSGG. G	HexNac (3)Hex (2)	T[+933]	HexNac (3)Hex (2)	1275. 087	2	2549. 166	2549. 188	-8. 3	149. 64	20. 5467
730&740	L. GIQPT[+1225. 460]LGPPNQPPVSGGGG. S. H	HexNac (3)Hex (2)Fuc (2)	T[+1225]	HexNac (3)Hex (2)Fuc (2)	1014. 788	3	3042. 351	3042. 378	-9. 1	183. 94	24. 511
730&740	L. GIQPT[+1224. 439]LGPPNQPPVSGG. G	HexNac (3)Hex (2)NeuAc (1)	T[+1224]	HexNac (3)Hex (2)NeuAc (1)	1420. 635	2	2840. 262	2840. 283	-7. 5	353. 06	24. 305
730&740	L. GIQPT[+1224. 439]LGPPNQPPVSGG. G	HexNac (3)Hex (2)NeuAc (1)	T[+1224]	HexNac (3)Hex (2)NeuAc (1)	947. 4273	3	2840. 267	2840. 283	-5. 5	300. 23	24. 7732
730&740	L. GIQPT[+1515. 535]LGPPNQPPVSGG. G	HexNac (3)Hex (2)NeuAc (2)	T[+1516]	HexNac (3)Hex (2)NeuAc (2)	1566. 183	2	3131. 359	3131. 378	-6. 3	243. 46	29. 5682
730&740	L. GIQPTLGPPNQPPVS[+1515. 535]GG. G	HexNac (3)Hex (2)NeuAc (2)	S[+1516]	HexNac (3)Hex (2)NeuAc (2)	1044. 457	3	3131. 356	3131. 378	-7. 3	487. 99	30. 4178
730&740	L. GIQPT[+947. 323]LGPPNQPPVS[+859. 307]GG. G	HexNac (1)Hex (1)NeuAc (2) , HexNac (2)Hex (1)NeuAc (1)	S[+859], T[+947]	HexNac (3)Hex (2)NeuAc (3)	1141. 488	3	3422. 449	3422. 474	-7. 2	390. 51	41. 4408
730&740	L. GIQPTLGPPNQPPVS[+1095. 397]GG. G	HexNac (3)Hex (3)	S[+1095]	HexNac (3)Hex (3)	904. 4127	3	2711. 224	2711. 24	-6. 2	301. 82	20. 5761
730&740	L. GIQPT[+1532. 550]LGPPNQPPVSGG. G	HexNac (3)Hex (3)Fuc (1)NeuAc (1)	T[+1533]	HexNac (3)Hex (3)Fuc (1)NeuAc (1)	1050. 129	3	3148. 373	3148. 394	-6. 5	314. 79	24. 3989
730&740	L. GIQPT[+1823. 645]LGPPNQPPVSGG. G	HexNac (3)Hex (3)Fuc (1)NeuAc (2)	T[+1824]	HexNac (3)Hex (3)Fuc (1)NeuAc (2)	1147. 16	3	3439. 466	3439. 489	-6. 8	343. 65	29. 0149
730&740	L. GIQPT[+1312. 455]LGPPNQPPVS[+802. 286]GG. G	HexNac (2)Hex (2)NeuAc (2) , HexNac (1)Hex (1)Fuc (1)NeuAc (1)	S[+802], T[+1312]	HexNac (3)Hex (3)Fuc (1)NeuAc (3)	1244. 191	3	3730. 558	3730. 585	-7. 2	411. 96	39. 2275
730&740	L. GIQPT[+876. 322]LGPPNQPPVS[+1238. 418]GG. G	HexNac (2)Hex (2)Fuc (1) , HexNac (1)Hex (1)NeuAc (3)	S[+1238], T[+876]	HexNac (3)Hex (3)Fuc (1)NeuAc (3)	1244. 19	3	3730. 557	3730. 585	-7. 5	332. 4	39. 4807
730&740	L. GIQPT[+1969. 703]LGPPNQPPVSGG. G	HexNac (3)Hex (3)Fuc (2)NeuAc (2)	T[+1970]	HexNac (3)Hex (3)Fuc (2)NeuAc (2)	1195. 844	3	3585. 519	3585. 547	-7. 9	199. 8	28. 9804
730&740	L. GIQPT[+1386. 492]LGPPNQPPVSGG. G	HexNac (3)Hex (3)NeuAc (1)	T[+1386]	HexNac (3)Hex (3)NeuAc (1)	1501. 66	2	3002. 312	3002. 336	-7. 9	143. 82	23. 666
730&740	L. GIQPT[+1386. 492]LGPPNQPPVSGG. G	HexNac (3)Hex (3)NeuAc (1)	T[+1386]	HexNac (3)Hex (3)NeuAc (1)	1001. 444	3	3002. 317	3002. 336	-6. 3	442. 84	24. 3839
730&740	L. GIQPTLGPPNQPPVS[+1677. 587]GG. G	HexNac (3)Hex (3)NeuAc (2)	S[+1678]	HexNac (3)Hex (3)NeuAc (2)	1098. 475	3	3293. 41	3293. 431	-6. 5	574. 38	29. 7706
730&740	L. GIQPT[+1677. 587]LGPPNQPPVSGGGG. S	HexNac (3)Hex (3)NeuAc (2)	T[+1678]	HexNac (3)Hex (3)NeuAc (2)	1704. 228	2	3407. 449	3407. 474	-7. 4	227. 4	28. 2115
730&740	L. GIQPT[+1238. 418]LGPPNQPPVS[+730. 264]GG. G	HexNac (1)Hex (1)NeuAc (3) , HexNac (2)Hex (2)	S[+730], T[+1238]	HexNac (3)Hex (3)NeuAc (3)	1195. 505	3	3584. 501	3584. 527	-7. 1	357. 62	42. 0677
730&740	L. GIQPT[+1312. 455]LGPPNQPPVS[+656. 228]GGGG. S. H	HexNac (2)Hex (2)NeuAc (2) , HexNac (1)Hex (1)NeuAc (1)	S[+656], T[+1312]	HexNac (3)Hex (3)NeuAc (3)	1262. 53	3	3785. 575	3785. 602	-7. 1	160. 41	39. 7568
730&740	L. GIQPT[+730. 264]LGPPNQPPVS[+1238. 418]GG. G	HexNac (2)Hex (2) , HexNac (1)Hex (1)NeuAc (3)	S[+1238], T[+730]	HexNac (3)Hex (3)NeuAc (3)	1195. 505	3	3584. 501	3584. 527	-7. 1	362. 17	41. 0161
730&740	L. GIQPT[+947. 323]LGPPNQPPVS[+1021. 360]GG. G	HexNac (1)Hex (1)NeuAc (2) , HexNac (2)Hex (2)NeuAc (1)	S[+1021], T[+947]	HexNac (3)Hex (3)NeuAc (3)	1195. 505	3	3584. 5	3584. 527	-7. 4	525. 71	39. 9628
730&740	L. GIQPT[+730. 264]LGPPNQPPVS[+1238. 418]GG. G	HexNac (2)Hex (2) , HexNac (1)Hex (1)NeuAc (3)	S[+1238], T[+730]	HexNac (3)Hex (3)NeuAc (3)	1195. 507	3	3584. 507	3584. 527	-5. 6	384. 55	41. 3689
730&740	L. GIQPT[+656. 228]LGPPNQPPVS[+1312. 455]GG. G	HexNac (1)Hex (1)NeuAc (1) , HexNac (2)Hex (2)NeuAc (2)	S[+1312], T[+656]	HexNac (3)Hex (3)NeuAc (3)	1195. 508	3	3584. 509	3584. 527	-4. 9	188. 6	44. 0005
730&740	L. GIQPT[+1312. 455]LGPPNQPPVS[+656. 228]GG. G	HexNac (2)Hex (2)NeuAc (2) , HexNac (1)Hex (1)NeuAc (1)	S[+656], T[+1312]	HexNac (3)Hex (3)NeuAc (3)	1195. 506	3	3584. 503	3584. 527	-6. 7	303. 72	39. 7958
730&740	L. GIQPT[+1238. 418]LGPPNQPPVS[+730. 264]GG. G	HexNac (1)Hex (1)NeuAc (3) , HexNac (2)Hex (2)	S[+730], T[+1238]	HexNac (3)Hex (3)NeuAc (3)	1195. 507	3	3584. 505	3584. 527	-6	370. 67	41. 8949
730&740	L. GIQPT[+1021. 360]LGPPNQPPVS[+947. 323]GGGG. S	HexNac (2)Hex (2)NeuAc (1) , HexNac (1)Hex (1)NeuAc (2)	S[+947], T[+1021]	HexNac (3)Hex (3)NeuAc (3)	1233. 52	3	3698. 547	3698. 57	-6. 2	466. 69	36. 5808
730&740	L. GIQPT[+947. 323]LGPPNQPPVS[+1021. 360]GG. G	HexNac (1)Hex (1)NeuAc (2) , HexNac (2)Hex (2)NeuAc (1)	S[+1021], T[+947]	HexNac (3)Hex (3)NeuAc (3)	1195. 506	3	3584. 504	3584. 527	-6. 3	436. 19	40. 3788
730&740	L. GIQPT[+730. 264]LGPPNQPPVS[+1238. 418]GG. G	HexNac (2)Hex (2) , HexNac (1)Hex (1)NeuAc (3)	S[+1238], T[+730]	HexNac (3)Hex (3)NeuAc (3)	1195. 506	3	3584. 503	3584. 527	-6. 7	391. 57	40. 9034
730&740	L. GIQPT[+1238. 418]LGPPNQPPVS[+730. 264]GG. G	HexNac (1)Hex (1)NeuAc (3) , HexNac (2)Hex (2)	S[+730], T[+1238]	HexNac (3)Hex (3)NeuAc (3)	1195. 506	3	3584. 503	3584. 527	-6. 8	484. 71	39. 8541
730&740	L. GIQPT[+1136. 423]LGPPNQPPVSGG. G	HexNac (4)Hex (2)	T[+1136]	HexNac (4)Hex (2)	918. 0871	3	2752. 247	2752. 267	-7. 4	127. 03	20. 5007
730&740	L. GIQPT[+947. 323]LGPPNQPPVS[+917. 349]GG. G	HexNac (1)Hex (1)NeuAc (2) , HexNac (3)Hex (1)Fuc (1)	S[+917], T[+947]	HexNac (4)Hex (2)Fuc (1)NeuAc (2)	1160. 837	3	3480. 498	3480. 516	-5. 2	150. 82	29. 2484
730&740	L. GIQPT[+1458. 513]LGPPNQPPVS[+406. 159]GG. G	HexNac (2)Hex (2)Fuc (1)NeuAc (2) , HexNac (2)	S[+406], T[+1459]	HexNac (4)Hex (2)Fuc (1)NeuAc (2)	1160. 837	3	3480. 497	3480. 516	-5. 5	228. 55	29. 2335
730&740	L. GIQPT[+1224. 439]LGPPNQPPVS[+203. 079]GG. G	HexNac (3)Hex (2)NeuAc (1) , HexNac (1)	S[+203], T[+1224]	HexNac (4)Hex (2)NeuAc (1)	1015. 118	3	3043. 34	3043. 362	-7. 3	247. 24	24. 2418
730&740	L. GIQPT[+365. 132]LGPPNQPPVS[+1062. 386]GG. G	HexNac (1)Hex (1) , HexNac (3)Hex (1)NeuAc (1)	S[+1062], T[+365]	HexNac (4)Hex (2)NeuAc (1)	1015. 119	3	3043. 341	3043. 362	-7. 1	302. 58	24. 2359
730&740	L. GIQPT[+1062. 386]LGPPNQPPVS[+365. 132]GG. G	HexNac (3)Hex (1)NeuAc (1) , HexNac (1)Hex (1)	S[+365], T[+1062]	HexNac (4)Hex (2)NeuAc (1)	1015. 119	3	3043. 343	3043. 362	-6. 5	303. 59	24. 308
730&740	L. GIQPT[+859. 307]LGPPNQPPVS[+859. 307]GGGG. S	HexNac (2)Hex (1)NeuAc (1) , HexNac (2)Hex (1)NeuAc (1)	S[+859], T[+859]	HexNac (4)Hex (2)NeuAc (2)	1150. 166	3	3448. 482	3448. 501	-5. 4	288. 21	29. 0622

730&740	L. GIQPT[+771. 291]LGPPNQPPVS[+947. 323]GG. G	HexNac (3)Hex (1), HexNac (1)Hex (1)NeuAc (2)	S[+947], T[+771]	HexNac (4)Hex (2)NeuAc (2)	1112. 152	3	3334. 441	3334. 458	-5. 1	243. 76	29. 6231
730&740	L. GIQPT[+859. 307]LGPPNQPPVS[+859. 307]GGGG. S	HexNac (2)Hex (1)NeuAc (1), HexNac (2)Hex (1)NeuAc (1)	S[+859], T[+859]	HexNac (4)Hex (2)NeuAc (2)	1150. 162	3	3448. 472	3448. 501	-8. 2	298. 18	29. 0482
730&740	L. GIQPT[+730. 264]LGPPNQPPVS[+568. 212]GG. G	HexNac (2)Hex (2), HexNac (2)Hex (1)	S[+568], T[+730]	HexNac (4)Hex (3)	972. 1037	3	2914. 296	2914. 32	-8	295. 82	20. 1997
730&740	L. GIQPT[+1386. 492]LGPPNQPPVS[+203. 079]GGGG. S	HexNac (3)Hex (3)NeuAc (1), HexNac (1)	S[+203], T[+1386]	HexNac (4)Hex (3)NeuAc (1)	1107. 15	3	3319. 436	3319. 458	-6. 8	191. 97	23. 5434
730&740	L. GIQPT[+203. 079]LGPPNQPPVS[+1386. 492]GGGS. H	HexNac (1), HexNac (3)Hex (3)NeuAc (1)	S[+1386], T[+203]	HexNac (4)Hex (3)NeuAc (1)	1136. 162	3	3406. 47	3406. 49	-5. 9	156. 24	23. 5183
730&740	L. GIQPT[+1386. 492]LGPPNQPPVS[+203. 079]GGGS. H	HexNac (3)Hex (3)NeuAc (1), HexNac (1)	S[+203], T[+1386]	HexNac (4)Hex (3)NeuAc (1)	1136. 161	3	3406. 469	3406. 49	-6. 2	206. 19	23. 5007
730&740	L. GIQPT[+1021. 360]LGPPNQPPVS[+568. 212]GGGG. S	HexNac (2)Hex (2)NeuAc (1), HexNac (2)Hex (1)	S[+568], T[+1021]	HexNac (4)Hex (3)NeuAc (1)	1107. 149	3	3319. 434	3319. 458	-7. 3	346. 97	23. 493
730&740	L. GIQPT[+947. 323]LGPPNQPPVS[+933. 344]GGGG. S	HexNac (1)Hex (1)NeuAc (2), HexNac (3)Hex (2)	S[+933], T[+947]	HexNac (4)Hex (3)NeuAc (2)	1204. 18	3	3610. 527	3610. 554	-7. 5	215. 13	28. 5219
730&740	L. GIQPT[+656. 228]LGPPNQPPVS[+1224. 439]GGGG. S	HexNac (1)Hex (1)NeuAc (1), HexNac (3)Hex (2)NeuAc (1)	S[+1224], T[+656]	HexNac (4)Hex (3)NeuAc (2)	1204. 181	3	3610. 527	3610. 554	-7. 3	272. 69	28. 4875
730&740	L. GIQPT[+1515. 535]LGPPNQPPVS[+365. 132]GG. G	HexNac (3)Hex (2)NeuAc (2), HexNac (1)Hex (1)	S[+365], T[+1516]	HexNac (4)Hex (3)NeuAc (2)	1166. 166	3	3496. 482	3496. 511	-8. 1	274. 11	28. 9004
730&740	L. GIQPT[+203. 079]LGPPNQPPVS[+1677. 587]GG. G	HexNac (1), HexNac (3)Hex (3)NeuAc (2)	S[+1678], T[+203]	HexNac (4)Hex (3)NeuAc (2)	1166. 168	3	3496. 491	3496. 511	-5. 7	223. 6	28. 8496
730&740	L. GIQPT[+1460. 529]LGPPNQPPVSGG. G	HexNac (4)Hex (4)	T[+1461]	HexNac (4)Hex (4)	1026. 12	3	3076. 346	3076. 373	-8. 8	131. 2	20. 1878
730&740	L. GIQPT[+1386. 492]LGPPNQPPVS[+511. 190]GG. G	HexNac (3)Hex (3)NeuAc (1), HexNac (1)Hex (1)Fuc (1)	S[+511], T[+1386]	HexNac (4)Hex (4)Fuc (1)NeuAc (1)	1171. 838	3	3513. 499	3513. 526	-7. 8	141. 97	23. 2878
730&740	L. GIQPT[+1312. 455]LGPPNQPPVS[+876. 322]GG. G	HexNac (2)Hex (2)NeuAc (2), HexNac (2)Hex (2)Fuc (1)	S[+876], T[+1312]	HexNac (4)Hex (4)Fuc (1)NeuAc (2)	1268. 871	3	3804. 597	3804. 621	-6. 3	249. 77	28. 0546
730&740	L. GIQPT[+1677. 587]LGPPNQPPVS[+511. 190]GG. G	HexNac (3)Hex (3)NeuAc (2), HexNac (1)Hex (1)Fuc (1)	S[+511], T[+1678]	HexNac (4)Hex (4)Fuc (1)NeuAc (2)	1268. 871	3	3804. 6	3804. 621	-5. 7	167. 94	28. 0955
730&740	L. GIQPT[+1386. 492]LGPPNQPPVS[+365. 132]GGGG. S	HexNac (3)Hex (3)NeuAc (1), HexNac (1)Hex (1)	S[+365], T[+1386]	HexNac (4)Hex (4)NeuAc (1)	1161. 166	3	3481. 483	3481. 511	-7. 9	293. 24	23. 2739
730&740	L. GIQPT[+656. 228]LGPPNQPPVS[+1095. 397]GGGS. H	HexNac (1)Hex (1)NeuAc (1), HexNac (3)Hex (3)	S[+1095], T[+656]	HexNac (4)Hex (4)NeuAc (1)	1190. 178	3	3568. 519	3568. 543	-6. 8	192. 99	23. 3171
730&740	L. GIQPT[+730. 264]LGPPNQPPVS[+1021. 360]GG. G	HexNac (2)Hex (2), HexNac (2)Hex (2)NeuAc (1)	S[+1021], T[+730]	HexNac (4)Hex (4)NeuAc (1)	1123. 154	3	3367. 446	3367. 468	-6. 6	379. 89	23. 5894
730&740	L. GIQPT[+1386. 492]LGPPNQPPVS[+365. 132]GG. G	HexNac (3)Hex (3)NeuAc (1), HexNac (1)Hex (1)	S[+365], T[+1386]	HexNac (4)Hex (4)NeuAc (1)	1123. 153	3	3367. 444	3367. 468	-7	376. 18	23. 6112
730&740	L. GIQPT[+1021. 360]LGPPNQPPVS[+1021. 360]GG. G	HexNac (2)Hex (2)NeuAc (1), HexNac (2)Hex (2)NeuAc (1)	S[+1021], T[+1021]	HexNac (4)Hex (4)NeuAc (2)	1220. 184	3	3658. 538	3658. 564	-7. 1	426. 98	29. 0007
730&740	L. GIQPT[+730. 264]LGPPNQPPVS[+1312. 455]GGGG. S	HexNac (2)Hex (2), HexNac (2)Hex (2)NeuAc (2)	S[+1312], T[+730]	HexNac (4)Hex (4)NeuAc (2)	1258. 198	3	3772. 578	3772. 606	-7. 5	286. 9	28. 6141
730&740	L. GIQPT[+1021. 360]LGPPNQPPVS[+1021. 360]GGGG. S	HexNac (2)Hex (2)NeuAc (1), HexNac (2)Hex (2)NeuAc (1)	S[+1021], T[+1021]	HexNac (4)Hex (4)NeuAc (2)	1258. 198	3	3772. 579	3772. 606	-7. 4	358. 74	28. 0668
730&740	L. GIQPT[+1038. 375]LGPPNQPPVS[+1168. 438]GG. G	HexNac (2)Hex (3)Fuc (1), HexNac (2)Hex (2)Fuc (3)	S[+1168], T[+1038]	HexNac (4)Hex (5)Fuc (4)	1274. 887	3	3822. 646	3822. 657	-3	291. 03	24. 6882
730&740	L. GIQPT[+406. 159]LGPPNQPPVS[+1515. 535]GG. G	HexNac (2), HexNac (3)Hex (2)NeuAc (2)	S[+1516], T[+406]	HexNac (5)Hex (2)NeuAc (2)	1179. 841	3	3537. 509	3537. 537	-7. 9	133. 78	29. 0662
730&740	L. GIQPT[+1062. 386]LGPPNQPPVS[+1021. 360]GGGG. S	HexNac (3)Hex (1)NeuAc (1), HexNac (2)Hex (2)NeuAc (1)	S[+1021], T[+1062]	HexNac (5)Hex (3)NeuAc (2)	1271. 873	3	3813. 604	3813. 633	-7. 5	177. 78	28. 1954
730&740	L. GIQPT[+1238. 418]LGPPNQPPVS[+203. 079]GG. G	HexNac (1)Hex (1)NeuAc (3), HexNac (1)	S[+203], T[+1238]	HexNac (2)Hex (1)NeuAc (3)	1019. 7794	3	3057. 3238	3057. 3417	-5. 8	164. 18	39. 4525
730&740	L. GIQPT[+1238. 418]LGPPNQPPVS[+365. 132]GG. G	HexNac (1)Hex (1)NeuAc (3), HexNac (1)Hex (1)	S[+365], T[+1238]	HexNac (2)Hex (2)NeuAc (3)	1073. 7951	3	3219. 3707	3219. 3945	-7. 4	458. 26	43. 8527
730&740	L. GIQPT[+656. 228]LGPPNQPPVS[+947. 323]GG. G	HexNac (1)Hex (1)NeuAc (1), HexNac (1)Hex (1)NeuAc (2)	S[+947], T[+656]	HexNac (2)Hex (2)NeuAc (3)	1073. 7959	3	3219. 3732	3219. 3945	-6. 6	475. 11	45. 4289
730&740	L. GIQPT[+947. 323]LGPPNQPPVS[+947. 323]GG. G	HexNac (1)Hex (1)NeuAc (2), HexNac (1)Hex (1)NeuAc (2)	S[+947], T[+947]	HexNac (2)Hex (2)NeuAc (4)	1170. 8277	3	3510. 4685	3510. 4899	-6. 1	164. 35	45. 9911
730&740	L. GIQPT[+947. 323]LGPPNQPPVS[+859. 307]GG. G	HexNac (1)Hex (1)NeuAc (2), HexNac (2)Hex (1)NeuAc (1)	S[+859], T[+947]	HexNac (3)Hex (2)NeuAc (3)	1141. 4879	3	3422. 4493	3422. 4739	-7. 2	390. 51	41. 4408
730&740	L. GIQPT[+1312. 455]LGPPNQPPVS[+802. 286]GG. G	HexNac (2)Hex (2)NeuAc (2), HexNac (1)Hex (1)Fuc (1)NeuAc (1)	S[+802], T[+1312]	HexNac (3)Hex (3)Fuc (1)NeuAc (3)	1244. 1907	3	3730. 5576	3730. 5846	-7. 2	411. 96	39. 2275
730&740	L. GIQPT[+947. 323]LGPPNQPPVS[+1021. 360]GG. G	HexNac (1)Hex (1)NeuAc (2), HexNac (2)Hex (2)NeuAc (1)	S[+1021], T[+947]	HexNac (3)Hex (3)NeuAc (3)	1195. 5069	3	3584. 5061	3584. 5267	-5. 7	519. 12	40. 3188
730&740	L. GIQPT[+730. 264]LGPPNQPPVS[+1238. 418]GG. G	HexNac (2)Hex (2), HexNac (1)Hex (1)NeuAc (3)	S[+1238], T[+730]	HexNac (3)Hex (3)NeuAc (3)	1195. 507	3	3584. 5065	3584. 5267	-5. 6	384. 55	41. 3689
730&740	L. GIQPT[+1021. 360]LGPPNQPPVS[+947. 323]GGGG. S	HexNac (2)Hex (2)NeuAc (1), HexNac (1)Hex (1)NeuAc (2)	S[+947], T[+1021]	HexNac (3)Hex (3)NeuAc (3)	1233. 5204	3	3698. 5468	3698. 5696	-6. 2	466. 69	36. 5808

730&740	L. GIQPT[+1458. 513]LGPPNQPPVS[+406. 159]GG. G	HexNAc (2)Hex (2)Fuc (1)NeuAc (2) , HexNAc (2)	S[+406], T[+1459]	HexNAc (4)Hex (2)Fuc (1)NeuAc (2)	1160. 8371	3	3480. 4967	3480. 5157	-5. 5	228. 55	29. 2335
730&740	L. GIQPT[+1062. 386]LGPPNQPPVS[+365. 132]GG. G	HexNAc (3)Hex (1)NeuAc (1) , HexNAc (1)Hex (1)	S[+365], T[+1062]	HexNAc (4)Hex (2)NeuAc (1)	1015. 119	3	3043. 3426	3043. 3624	-6. 5	303. 59	24. 308
730&740	L. GIQPT[+859. 307]LGPPNQPPVS[+859. 307]GGG. G	HexNAc (2)Hex (1)NeuAc (1) , HexNAc (2)Hex (1)NeuAc (1)	S[+859], T[+859]	HexNAc (4)Hex (2)NeuAc (2)	1112. 1515	3	3334. 44	3334. 4578	-5. 3	291. 67	29. 4912
730&740	L. GIQPT[+859. 307]LGPPNQPPVS[+859. 307]GGG. S	HexNAc (2)Hex (1)NeuAc (1) , HexNAc (2)Hex (1)NeuAc (1)	S[+859], T[+859]	HexNAc (4)Hex (2)NeuAc (2)	1150. 1623	3	3448. 4723	3448. 5007	-8. 2	298. 18	29. 0482
730&740	L. GIQPT[+1021. 360]LGPPNQPPVS[+568. 212]GGG. S	HexNAc (2)Hex (2)NeuAc (1) , HexNAc (2)Hex (1)	S[+568], T[+1021]	HexNAc (4)Hex (3)NeuAc (1)	1107. 1494	3	3319. 4338	3319. 4582	-7. 3	346. 97	23. 493
730&740	L. GIQPT[+656. 228]LGPPNQPPVS[+1224. 439]GGG. S	HexNAc (1)Hex (1)NeuAc (1) , HexNAc (3)Hex (2)NeuAc (1)	S[+1224], T[+656]	HexNAc (4)Hex (3)NeuAc (2)	1204. 1806	3	3610. 5272	3610. 5536	-7. 3	272. 69	28. 4875
730&740	L. GIQPT[+1515. 535]LGPPNQPPVS[+365. 132]GG. G	HexNAc (3)Hex (2)NeuAc (2) , HexNAc (1)Hex (1)	S[+365], T[+1516]	HexNAc (4)Hex (3)NeuAc (2)	1166. 1656	3	3496. 4822	3496. 5106	-8. 1	274. 11	28. 9004
730&740	L. GIQPT[+1386. 492]LGPPNQPPVS[+511. 190]GG. G	HexNAc (3)Hex (3)NeuAc (1) , HexNAc (1)Hex (1)Fuc (1)	S[+511], T[+1386]	HexNAc (4)Hex (4)Fuc (1)NeuAc (1)	1171. 8377	3	3513. 4986	3513. 526	-7. 8	141. 97	23. 2878
730&740	L. GIQPT[+1312. 455]LGPPNQPPVS[+876. 322]GG. G	HexNAc (2)Hex (2)NeuAc (2) , HexNAc (2)Hex (2)Fuc (1)	S[+876], T[+1312]	HexNAc (4)Hex (4)Fuc (1)NeuAc (2)	1268. 8707	3	3804. 5974	3804. 6214	-6. 3	249. 77	28. 0546
730&740	L. GIQPT[+1386. 492]LGPPNQPPVS[+365. 132]GGG. S	HexNAc (3)Hex (3)NeuAc (1) , HexNAc (1)Hex (1)	S[+365], T[+1386]	HexNAc (4)Hex (4)NeuAc (1)	1161. 1662	3	3481. 484	3481. 511	-7. 7	323. 71	23. 2637
730&740	L. GIQPT[+1386. 492]LGPPNQPPVS[+365. 132]GG. G	HexNAc (3)Hex (3)NeuAc (1) , HexNAc (1)Hex (1)	S[+365], T[+1386]	HexNAc (4)Hex (4)NeuAc (1)	1123. 153	3	3367. 4444	3367. 468	-7	376. 18	23. 6112
730&740	L. GIQPT[+1021. 360]LGPPNQPPVS[+1021. 360]GG. G	HexNAc (2)Hex (2)NeuAc (1) , HexNAc (2)Hex (2)NeuAc (1)	S[+1021], T[+1021]	HexNAc (4)Hex (4)NeuAc (2)	1220. 1832	3	3658. 5349	3658. 5635	-7. 8	380. 54	28. 9473
730&740	L. GIQPT[+859. 307]LGPPNQPPVS[+1183. 413]GGG. S	HexNAc (2)Hex (1)NeuAc (1) , HexNAc (2)Hex (3)NeuAc (1)	S[+1183], T[+859]	HexNAc (4)Hex (4)NeuAc (2)	1258. 1968	3	3772. 576	3772. 6064	-8. 1	284. 76	28. 5931
730&740	L. GIQPT[+1312. 455]LGPPNQPPVS[+1021. 360]GG. G	HexNAc (2)Hex (2)NeuAc (2) , HexNAc (2)Hex (2)NeuAc (1)	S[+1021], T[+1312]	HexNAc (4)Hex (4)NeuAc (3)	1317. 2159	3	3949. 6331	3949. 6589	-6. 5	109. 58	38. 6831
730&740	L. GIQPT[+1038. 375]LGPPNQPPVS[+1168. 438]GG. G	HexNAc (2)Hex (3)Fuc (1) , HexNAc (2)Hex (2)Fuc (3)	S[+1168], T[+1038]	HexNAc (4)Hex (5)Fuc (4)	1274. 8868	3	3822. 6458	3822. 6571	-3	291. 03	24. 6882
730&740	L. GIQPT[+406. 159]LGPPNQPPVS[+1515. 535]GG. G	HexNAc (2) , HexNAc (3)Hex (2)NeuAc (2)	S[+1516], T[+406]	HexNAc (5)Hex (2)NeuAc (2)	1179. 8412	3	3537. 5092	3537. 5372	-7. 9	133. 78	29. 0662
730&740	L. GIQPT[+1062. 386]LGPPNQPPVS[+1021. 360]GGG. S	HexNAc (3)Hex (1)NeuAc (1) , HexNAc (2)Hex (2)NeuAc (1)	S[+1021], T[+1062]	HexNAc (5)Hex (3)NeuAc (2)	1271. 873	3	3813. 6044	3813. 6329	-7. 5	177. 78	28. 1954

Table S5. Identified O-linked glycopeptides and O-linked glycans in *hACE2*. **Table S5b**, intact O-glycopeptides identified by Synapt G2-Si.

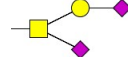
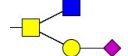
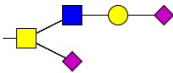
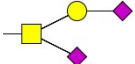
position	Peptide < ProteinMetrics Confidential >	Glycans NHFAgNa	Modification Type(s)	Glycans combination	Observed m/z	z	Observed (M+H)	Calc. mass (M+H)	Mass error (ppm)	Score	Scan Time
77&78	L. KEQS[+406.159]TLAQMP. L	HexNAc (2)	S[+406]		851.409	2	1701.81	1701.789	12.5	162.9	52.8428
113	E. DKS[+203.079]KRL. N	HexNAc (1)	S[+203]		475.266	2	949.525	949.531	-7	157.5	45.7778
105&106	L. QALQQN[+0.984]GS[+947.323]S. V	HexNAc (1) Hex (1) NeuAc (2)	N[+1], S[+947]		627.587	3	1880.745	1880.75	-2.8	168	59.3982
409&411&414	E. IM[+15.995]LSAAT[+947.323]PK. H	HexNAc (1) Hex (1) NeuAc (2)	M[+16], T[+947]		661.295	3	1981.87	1981.878	-4.3	178.7	14.9719
409&411&414	E. IM[+15.995]SLS[+947.323]AATPK. H	HexNAc (1) Hex (1) NeuAc (2)	M[+16], S[+947]		661.297	3	1981.876	1981.878	-1.1	152	15.1434
409&411&414	E. IM[+15.995]S[+947.323]LSAATPK. H	HexNAc (1) Hex (1) NeuAc (2)	M[+16], S[+947]		661.297	3	1981.877	1981.878	-0.5	212.2	15.4095
409&411&414	E. IMS[+1095.397]LSAATPK. H	HexNAc (3) Hex (3)	S[+1095]		1057.494	2	2113.981	2113.957	11.4	176.5	17.1593
409&411&414	E. IMSLS[+1095.397]AATPK. H	HexNAc (3) Hex (3)	S[+1095]		1057.487	2	2113.967	2113.957	4.6	153.6	17.6593
409&411&414	E. IMSLSAAT[+1095.397]PK. H	HexNAc (3) Hex (3)	T[+1095]		1057.496	2	2113.984	2113.957	13.1	184.8	17.1544
409&411&414	E. IMSLSAAT[+1241.454]PK. H	HexNAc (3) Hex (3) Fuc (1)	T[+1241]	HexNAc (3) Hex (3) Fuc (1)	754.018	3	2260.04	2260.015	11.3	170.9	17.582
409&411&414	E. IMSLS[+673.243]AAT[+730.264]PK. H	HexNAc (1) Hex (2) Fuc (1), HexNAc (2) Hex (2)	S[+673], T[+730]	HexNAc (3) Hex (4) Fuc (1)	1211.547	2	2422.087	2422.068	8.1	178.8	17.79
409&411&414	E. IMS[+673.243]LS[+730.264]AATPK. H	HexNAc (1) Hex (2) Fuc (1), HexNAc (2) Hex (2)	S[+673] [+730]	HexNAc (3) Hex (4) Fuc (1)	1211.546	2	2422.086	2422.068	7.4	201.7	17.4804
409&411&414	E. IMS[+892.317]LSAAT[+511.190]PK. H	HexNAc (2) Hex (3), HexNAc (1) Hex (1) Fuc (1)	S[+892], T[+511]	HexNAc (3) Hex (4) Fuc (1)	1211.548	2	2422.088	2422.068	8.4	158.3	17.2887
409&411&414	E. IMS[+730.264]LS[+673.243]AATPK. H	HexNAc (2) Hex (2), HexNAc (1) Hex (2) Fuc (1)	S[+673] [+730]	HexNAc (3) Hex (4) Fuc (1)	1211.549	2	2422.09	2422.068	9.4	183.6	17.7518
409&411&414	E. IMS[+511.190]LS[+1183.413]AATPK. H	HexNAc (1) Hex (1) Fuc (1), HexNAc (2) Hex (3) NeuAc (1)	S[+511] [+1183]	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	1357.095	2	2713.182	2713.163	7.2	299.2	21.3074
409&411&414	E. IMS[+1038.375]LSAAT[+656.228]PK. H	HexNAc (2) Hex (3) Fuc (1), HexNAc (1) Hex (1) NeuAc (1)	S[+1038], T[+656]	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	905.063	3	2713.176	2713.163	4.7	211.1	21.136
409&411&414	E. IMS[+892.317]LS[+802.286]AATPK. H	HexNAc (2) Hex (3), HexNAc (1) Hex (1) Fuc (1) NeuAc (1)	S[+802] [+892]	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	905.067	3	2713.187	2713.163	8.7	222.8	20.9708
409&411&414	E. IMS[+673.243]LSAAT[+1021.360]PK. H	HexNAc (1) Hex (2) Fuc (1), HexNAc (2) Hex (2) NeuAc (1)	S[+673], T[+1021]	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	905.061	3	2713.169	2713.163	2.1	170.2	20.8288
409&411&414	E. IMS[+1021.360]LS[+673.243]AATPK. H	HexNAc (2) Hex (2) NeuAc (1), HexNAc (1) Hex (2) Fuc (1)	S[+673] [+1021]	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	1357.104	2	2713.2	2713.163	13.8	221.1	20.843
409&411&414	E. IMS[+673.243]LS[+1021.360]AATPK. H	HexNAc (1) Hex (2) Fuc (1), HexNAc (2) Hex (2) NeuAc (1)	S[+673] [+1021]	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	1357.096	2	2713.186	2713.163	8.3	179.9	20.6791
409&411&414	E. IMS[+656.228]LS[+1038.375]AATPK. H	HexNAc (1) Hex (1) NeuAc (1), HexNAc (2) Hex (3) Fuc (1)	S[+656] [+1038]	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	905.062	3	2713.171	2713.163	3.1	204.6	20.6862
409&411&414	E. IMSLS[+1183.413]AAT[+511.190]PK. H	HexNAc (2) Hex (3) NeuAc (1), HexNAc (1) Hex (1) Fuc (1)	S[+1183], T[+511]	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	1357.096	2	2713.185	2713.163	8.1	206.1	20.8588
409&411&414	E. IMS[+1038.375]LSAAT[+656.228]PK. H	HexNAc (2) Hex (3) Fuc (1), HexNAc (1) Hex (1) NeuAc (1)	S[+1038], T[+656]	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	1357.1	2	2713.193	2713.163	11	171.6	21.0576
409&411&414	E. IMSLS[+1183.413]AAT[+511.190]PK. H	HexNAc (2) Hex (3) NeuAc (1), HexNAc (1) Hex (1) Fuc (1)	S[+1183], T[+511]	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	905.069	3	2713.192	2713.163	10.6	203.2	20.8729
409&411&414	E. IMS[+511.190]LS[+1183.413]AATPK. H	HexNAc (1) Hex (1) Fuc (1), HexNAc (2) Hex (3) NeuAc (1)	S[+511] [+1183]	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	905.07	3	2713.194	2713.163	11.5	202.3	20.3873
409&411&414	E. IMSLS[+1021.360]AAT[+673.243]PK. H	HexNAc (2) Hex (2) NeuAc (1), HexNAc (1) Hex (2) Fuc (1)	S[+1021], T[+673]	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	1357.096	2	2713.184	2713.163	7.7	173.2	20.7235
409&411&414	E. IMSLS[+892.317]AAT[+802.286]PK. H	HexNAc (2) Hex (3), HexNAc (1) Hex (1) Fuc (1) NeuAc (1)	S[+892], T[+802]	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	905.064	3	2713.177	2713.163	5	205.5	20.7306
409&411&414	E. IMSLS[+656.228]AAT[+1038.375]PK. H	HexNAc (1) Hex (1) NeuAc (1), HexNAc (2) Hex (3) Fuc (1)	S[+656], T[+1038]	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	1357.098	2	2713.189	2713.163	9.7	173	20.9107
409&411&414	E. IMS[+1021.360]LS[+673.243]AATPK. H	HexNAc (2) Hex (2) NeuAc (1), HexNAc (1) Hex (2) Fuc (1)	S[+673] [+1021]	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	905.07	3	2713.197	2713.163	12.5	164.9	20.5664
409&411&414	E. IMSLS[+1021.360]AAT[+673.243]PK. H	HexNAc (2) Hex (2) NeuAc (1), HexNAc (1) Hex (2) Fuc (1)	S[+1021], T[+673]	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	905.065	3	2713.179	2713.163	6	166.2	20.3943
409&411&414	E. IMS[+656.228]LS[+892.317]AATPK. H	HexNAc (1) Hex (1) NeuAc (1), HexNAc (2) Hex (3)	S[+656] [+892]	HexNAc (3) Hex (4) NeuAc (1)	1284.063	2	2567.118	2567.105	5	193.7	20.8787
409&411&414	E. IMS[+892.317]LSAAT[+656.228]PK. H	HexNAc (2) Hex (3), HexNAc (1) Hex (1) NeuAc (1)	S[+892], T[+656]	HexNAc (3) Hex (4) NeuAc (1)	1284.069	2	2567.131	2567.105	10	216.9	21.0578
409&411&414	E. IMSLS[+892.317]AAT[+656.228]PK. H	HexNAc (2) Hex (3), HexNAc (1) Hex (1) NeuAc (1)	S[+892], T[+656]	HexNAc (3) Hex (4) NeuAc (1)	1284.058	2	2567.109	2567.105	1.7	229.9	20.7157
409&411&414	E. IMS[+892.317]LS[+656.228]AATPK. H	HexNAc (2) Hex (3), HexNAc (1) Hex (1) NeuAc (1)	S[+656] [+892]	HexNAc (3) Hex (4) NeuAc (1)	1284.068	2	2567.129	2567.105	9.3	187.6	20.6933
409&411&414	E. IMS[+365.132]LS[+1183.413]AATPK. H	HexNAc (1) Hex (1), HexNAc (2) Hex (3) NeuAc (1)	S[+365] [+1183]	HexNAc (3) Hex (4) NeuAc (1)	1284.06	2	2567.112	2567.105	2.7	201.8	20.3307

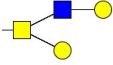
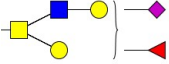
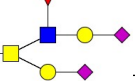
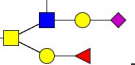
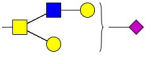
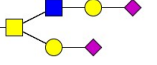
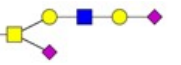
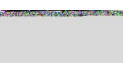
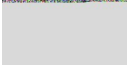
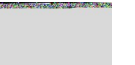
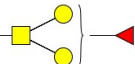
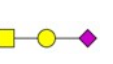
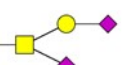
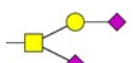
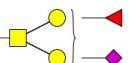
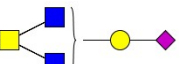
409&411&414	E. IMS [+1183. 413]LSAAT [+365. 132]PK. H	HexNAc (2) Hex (3) NeuAc (1), HexNAc (1) Hex (1)	S [+1183], T [+365]	HexNAc (3) Hex (4) NeuAc (1)	856. 379	3	2567. 121	2567. 105	6. 2	170. 1	20. 366
409&411&414	E. IMS [+1183. 413]LS [+365. 132]AATPK. H	HexNAc (2) Hex (3) NeuAc (1), HexNAc (1) Hex (1)	S [+365] [+1183]	HexNAc (3) Hex (4) NeuAc (1)	1284. 066	2	2567. 124	2567. 105	7. 5	197. 3	20. 4669
409&411&414	E. IMSLS [+365. 132]AAT [+1183. 413]PK. H	HexNAc (1) Hex (1), HexNAc (2) Hex (3) NeuAc (1)	S [+365], T [+1183]	HexNAc (3) Hex (4) NeuAc (1)	1284. 067	2	2567. 126	2567. 105	8. 1	175. 8	20. 2807
409&411&414	E. IMS [+365. 132]LSAAT [+1183. 413]PK. H	HexNAc (1) Hex (1), HexNAc (2) Hex (3) NeuAc (1)	S [+365], T [+1183]	HexNAc (3) Hex (4) NeuAc (1)	856. 374	3	2567. 107	2567. 105	0. 9	197. 7	20. 5094
409&411&414	E. IMSLS [+673. 243]AAT [+892. 317]PK. H	HexNAc (1) Hex (2) Fuc (1), HexNAc (2) Hex (3)	S [+673], T [+892]	HexNAc (3) Hex (5) Fuc (1)	1292. 57	2	2584. 133	2584. 12	4. 9	179. 3	17. 4164
409&411&414	E. IMS [+892. 317]LS [+673. 243]AATPK. H	HexNAc (2) Hex (3), HexNAc (1) Hex (2) Fuc (1)	S [+673] [+892]	HexNAc (3) Hex (5) Fuc (1)	1292. 567	2	2584. 127	2584. 12	2. 7	167. 3	17. 204
409&411&414	E. IMS [+673. 243]LS [+892. 317]AATPK. H	HexNAc (1) Hex (2) Fuc (1), HexNAc (2) Hex (3)	S [+673] [+892]	HexNAc (3) Hex (5) Fuc (1)	1292. 574	2	2584. 141	2584. 12	7. 9	152. 6	17. 4541
409&411&414	E. IMSLS [+673. 243]AAT [+1183. 413]PK. H	HexNAc (1) Hex (2) Fuc (1), HexNAc (2) Hex (3) NeuAc (1)	S [+673], T [+1183]	HexNAc (3) Hex (5) Fuc (1) NeuAc (1)	959. 087	3	2875. 246	2875. 216	10. 5	159. 4	20. 5932
409&411&414	E. IMS [+673. 243]LS [+1183. 413]AATPK. H	HexNAc (1) Hex (2) Fuc (1), HexNAc (2) Hex (3) NeuAc (1)	S [+673] [+1183]	HexNAc (3) Hex (5) Fuc (1) NeuAc (1)	1438. 123	2	2875. 239	2875. 216	8. 1	224. 2	20. 1943
409&411&414	E. IMS [+1183. 413]LSAAT [+673. 243]PK. H	HexNAc (2) Hex (3) NeuAc (1), HexNAc (1) Hex (2) Fuc (1)	S [+1183], T [+673]	HexNAc (3) Hex (5) Fuc (1) NeuAc (1)	1438. 119	2	2875. 231	2875. 216	5. 3	214. 4	20. 7802
409&411&414	E. IMS [+673. 243]LS [+1183. 413]AATPK. H	HexNAc (1) Hex (2) Fuc (1), HexNAc (2) Hex (3) NeuAc (1)	S [+673] [+1183]	HexNAc (3) Hex (5) Fuc (1) NeuAc (1)	959. 084	3	2875. 236	2875. 216	7. 1	215. 7	20. 0238
409&411&414	E. IMSLS [+1183. 413]AAT [+673. 243]PK. H	HexNAc (2) Hex (3) NeuAc (1), HexNAc (1) Hex (2) Fuc (1)	S [+1183], T [+673]	HexNAc (3) Hex (5) Fuc (1) NeuAc (1)	1438. 128	2	2875. 249	2875. 216	11. 6	212. 2	20. 5452
409&411&414	E. AVGEIMS [+1150. 402]LS [+860. 327]AATPK. H	HexNAc (2) Hex (1) NeuAc (2), HexNAc (2) Hex (1) Fuc (2)	S [+860] [+1150]	HexNAc (4) Hex (2) Fuc (2) NeuAc (2)	1129. 148	3	3385. 429	3385. 46	-9. 2	150. 2	25. 3669
409&411&414	E. IMSLS [+1444. 534]AATPK. H	HexNAc (4) Hex (3) Fuc (1)	S [+1445]		1232. 062	2	2463. 117	2463. 094	9. 3	176. 2	17. 3881
409&411&414	E. IMS [+1444. 534]LSAATPK. H	HexNAc (4) Hex (3) Fuc (1)	S [+1445]		1232. 064	2	2463. 12	2463. 094	10. 5	156	17. 6382
409&411&414	E. IMSLS [+1313. 476]AAT [+714. 269]PK. H	HexNAc (2) Hex (2) Fuc (2) NeuAc (1), HexNAc (2) Hex (1) Fuc (1)	S [+1313], T [+714]	HexNAc (4) Hex (3) Fuc (3) NeuAc (1)	1016. 103	3	3046. 293	3046. 305	-4	339. 1	23. 9292
409&411&414	E. IMSLS [+1532. 550]AAT [+365. 132]PK. H	HexNAc (3) Hex (3) Fuc (1) NeuAc (1), HexNAc (1) Hex (1)	S [+1533], T [+365]	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	972. 758	3	2916. 259	2916. 242	5. 7	161	20. 8928
409&411&414	E. IMS [+511. 190]LS [+1386. 492]AATPK. H	HexNAc (1) Hex (1) Fuc (1), HexNAc (3) Hex (3) NeuAc (1)	S [+511] [+1386]	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	972. 756	3	2916. 253	2916. 242	3. 8	240. 6	21. 0649
409&411&414	E. IMSLS [+876. 322]AAT [+1021. 360]PK. H	HexNAc (2) Hex (2) Fuc (1), HexNAc (2) Hex (2) NeuAc (1)	S [+876], T [+1021]	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	972. 755	3	2916. 251	2916. 242	3. 1	185	21. 243
409&411&414	E. IMS [+673. 243]LS [+1224. 439]AATPK. H	HexNAc (1) Hex (2) Fuc (1), HexNAc (3) Hex (2) NeuAc (1)	S [+673] [+1224]	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	972. 765	3	2916. 279	2916. 242	12. 6	194. 7	20. 5365
409&411&414	E. IMS [+892. 317]LS [+1005. 365]AATPK. H	HexNAc (2) Hex (3), HexNAc (2) Hex (1) Fuc (1) NeuAc (1)	S [+892] [+1005]	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	972. 754	3	2916. 246	2916. 242	1. 3	181. 9	20. 7305
409&411&414	E. IMS [+1241. 454]LSAAT [+656. 228]PK. H	HexNAc (3) Hex (3) Fuc (1), HexNAc (1) Hex (1) NeuAc (1)	S [+1241], T [+656]	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	972. 76	3	2916. 265	2916. 242	7. 7	170. 8	20. 474
409&411&414	E. IMS [+1532. 550]LS [+365. 132]AATPK. H	HexNAc (3) Hex (3) Fuc (1) NeuAc (1), HexNAc (1) Hex (1)	S [+365] [+1533]	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	972. 761	3	2916. 267	2916. 242	8. 6	189. 7	20. 659
409&411&414	E. IMS [+892. 317]LS [+876. 322]AATPK. H	HexNAc (2) Hex (3), HexNAc (2) Hex (2) Fuc (1)	S [+876] [+892]	HexNAc (4) Hex (5) Fuc (1)	929. 746	3	2787. 223	2787. 2	8. 5	158. 3	17. 6311
409&411&414	E. IMS [+673. 243]LS [+1386. 492]AATPK. H	HexNAc (1) Hex (2) Fuc (1), HexNAc (3) Hex (3) NeuAc (1)	S [+673] [+1386]	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	1026. 777	3	3078. 316	3078. 295	6. 7	183. 4	20. 4301
409&411&414	E. IMS [+892. 317]LS [+1167. 418]AATPK. H	HexNAc (2) Hex (3), HexNAc (2) Hex (2) Fuc (1) NeuAc (1)	S [+892] [+1167]	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	1026. 778	3	3078. 32	3078. 295	8	178. 4	20. 6073
409&411&414	E. IM [+15. 995]S [+673. 243]LS [+1386. 492]AATPK. H	HexNAc (1) Hex (2) Fuc (1), HexNAc (3) Hex (3) NeuAc (1)	M [+16], S [+673] [+1386]	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	1032. 104	3	3094. 297	3094. 29	2. 4	185. 9	19. 5532
409&411&414	E. IMS [+1386. 492]LS [+673. 243]AATPK. H	HexNAc (3) Hex (3) NeuAc (1), HexNAc (1) Hex (2) Fuc (1)	S [+673] [+1386]	HexNAc (4) Hex (5) Fuc (1) NeuAc (1)	1026. 783	3	3078. 335	3078. 295	12. 8	173. 7	20. 2453
409&411&414	E. IMS [+1167. 418]LS [+1183. 413]AATPK. H	HexNAc (2) Hex (2) Fuc (1) NeuAc (1), HexNAc (2) Hex (3) NeuAc (1)	S [+1167] [+1183]	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	1123. 808	3	3369. 41	3369. 391	5. 8	207. 9	25. 1308
409&411&414	E. IMSLS [+673. 243]AAT [+1677. 587]PK. H	HexNAc (1) Hex (2) Fuc (1), HexNAc (3) Hex (3) NeuAc (2)	S [+673], T [+1678]	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	1123. 808	3	3369. 41	3369. 391	5. 7	176. 2	25. 1206
409&411&414	E. IMS [+1183. 413]LS [+1167. 418]AATPK. H	HexNAc (2) Hex (3) NeuAc (1), HexNAc (2) Hex (2) Fuc (1) NeuAc (1)	S [+1167] [+1183]	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	1123. 813	3	3369. 424	3369. 391	10	186. 2	24. 9287
409&411&414	E. IMS [+730. 264]LS [+1183. 413]AATPK. H	HexNAc (2) Hex (2), HexNAc (2) Hex (3) NeuAc (1)	S [+730] [+1183]	HexNAc (4) Hex (5) NeuAc (1)	978. 094	3	2932. 267	2932. 237	10. 1	198. 9	20. 7935
409&411&414	E. IMSLS [+1021. 360]AAT [+892. 317]PK. H	HexNAc (2) Hex (2) NeuAc (1), HexNAc (2) Hex (3)	S [+1021], T [+892]	HexNAc (4) Hex (5) NeuAc (1)	978. 087	3	2932. 245	2932. 237	2. 7	171	20. 4952
409&411&414	E. IMS [+1038. 375]LS [+1183. 413]AATPK. H	HexNAc (2) Hex (3) Fuc (1), HexNAc (2) Hex (3) NeuAc (1)	S [+1038] [+1183]	HexNAc (4) Hex (6) Fuc (1) NeuAc (1)	1080. 795	3	3240. 372	3240. 348	7. 3	175. 9	20. 2084
409&411&414	E. IMS [+1183. 413]LS [+892. 317]AATPK. H	HexNAc (2) Hex (3) NeuAc (1), HexNAc (2) Hex (3)	S [+892] [+1183]	HexNAc (4) Hex (6) NeuAc (1)	1032. 106	3	3094. 302	3094. 29	4	178	20. 9352
409&411&414	E. IMS [+892. 317]LS [+1183. 413]AATPK. H	HexNAc (2) Hex (3), HexNAc (2) Hex (3) NeuAc (1)	S [+892] [+1183]	HexNAc (4) Hex (6) NeuAc (1)	1032. 111	3	3094. 32	3094. 29	9. 6	170. 2	20. 0167

409&411&414	E. IMS[+1183. 413]LSAAT[+1183. 413]PK. H	HexNAc (2) Hex (3) NeuAc (1), HexNAc (2) Hex (3) NeuAc (1)	S[+1183], T[+1183]	HexNAc (4) Hex (6) NeuAc (2)	1129. 144	3	3385. 417	3385. 385	9. 3	153	25. 312
409&411&414	E. IMSLS[+1183. 413]AAT[+1183. 413]PK. H	HexNAc (2) Hex (3) NeuAc (1), HexNAc (2) Hex (3) NeuAc (1)	S[+1183], T[+1183]	HexNAc (4) Hex (6) NeuAc (2)	1129. 145	3	3385. 421	3385. 385	10. 5	187. 2	24. 6467
409&411&414	E. IMS[+568. 212]LSAAT[+1532. 550]PK. H	HexNAc (2) Hex (1), HexNAc (3) Hex (3) Fuc (1) NeuAc (1)	S[+568], T[+1533]	HexNAc (5) Hex (4) Fuc (1) NeuAc (1)	1040. 454	3	3119. 347	3119. 322	8	184	20. 4514
409&411&414	E. AVGEIMS[+1168. 438]LSAAT[+1370. 497]PK. H	HexNAc (2) Hex (2) Fuc (3), HexNAc (3) Hex (2) Fuc (1) NeuAc (1)	S[+1168], T[+1370]	HexNAc (5) Hex (4) Fuc (4) NeuAc (1)	1305. 212	3	3913. 622	3913. 665	-11	156. 2	24. 8208
409&411&414	E. IMS[+730. 264]LS[+1823. 645]AATPK. H	HexNAc (2) Hex (2), HexNAc (3) Hex (3) Fuc (1) NeuAc (2)	S[+730] [+1824]	HexNAc (5) Hex (5) Fuc (1) NeuAc (2)	1191. 494	3	3572. 466	3572. 47	-1	188. 4	25. 6833
409&411&414	E. IMSLS[+568. 212]AAT[+1460. 529]PK. H	HexNAc (2) Hex (1), HexNAc (4) Hex (4)	S[+568], T[+1461]	HexNAc (6) Hex (5)	1016. 431	3	3047. 277	3047. 301	-7. 7	377. 9	24. 3931
511&517	D. YS[+1241. 454]FIRYYT[+656. 228]R. T	HexNAc (3) Hex (3) Fuc (1), HexNAc (1) Hex (1) NeuAc (1)	S[+1241], T[+656]	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	1583. 668	2	3166. 329	3166. 324	1. 3	170. 6	25. 9195
511&517	D. YS[+1532. 550]FIRYYT[+365. 132]R. T	HexNAc (3) Hex (3) Fuc (1) NeuAc (1), HexNAc (1) Hex (1)	S[+1533], T[+365]	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	1583. 676	2	3166. 345	3166. 324	6. 6	153	25. 218
511&517	D. YS[+714. 269]FIRYYT[+1183. 413]R. T	HexNAc (2) Hex (1) Fuc (1), HexNAc (2) Hex (3) NeuAc (1)	S[+714], T[+1183]	HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	1056. 116	3	3166. 334	3166. 324	3	168. 4	24. 7634
730	L. GIQPT[+203. 079]LGPPNQPPV. S	HexNAc (1)	T[+203]		809. 43	2	1617. 852	1617. 848	2. 6	241. 2	57. 6753
730	L. GIQPT[+656. 228]LGPP. N	HexNAc (1) Hex (1) NeuAc (1)	T[+656]		768. 369	2	1535. 731	1535. 721	6. 6	433. 8	54. 2967
730	L. GIQPT[+656. 228]LGPPN. Q	HexNAc (1) Hex (1) NeuAc (1)	T[+656]		825. 382	2	1649. 757	1649. 764	-4. 2	318. 9	53. 7377
730	L. GIQPT[+947. 323]LGPP. N	HexNAc (1) Hex (1) NeuAc (2)	T[+947]		913. 912	2	1826. 816	1826. 817	-0. 4	548. 2	59. 8283
730	L. GIQPT[+947. 323]LGPPNQPPVS. G	HexNAc (1) Hex (1) NeuAc (2)	T[+947]		1225. 061	2	2449. 115	2449. 124	-3. 5	240. 3	60. 6495
730	L. GIQPT[+947. 323]LGPPN. Q	HexNAc (1) Hex (1) NeuAc (2)	T[+947]		970. 932	2	1940. 856	1940. 859	-1. 6	470. 3	58. 1803
730	L. GIQPT[+947. 323]LGPPNQPPV. S	HexNAc (1) Hex (1) NeuAc (2)	T[+947]		1181. 546	2	2362. 084	2362. 092	-3. 2	567	62. 7962
730	L. GIQPT[+947. 323]LGPPNQPPV. S	HexNAc (1) Hex (1) NeuAc (2)	T[+947]		788. 04	3	2362. 105	2362. 092	5. 7	442	62. 8952
730	L. GIQPT[+947. 323]LGPPNQPP. V	HexNAc (1) Hex (1) NeuAc (2)	T[+947]		1132. 016	2	2263. 024	2263. 024	0. 2	322. 6	59. 6083
730	L. GIQPT[+859. 307]LGPP. N	HexNAc (2) Hex (1) NeuAc (1)	T[+859]		869. 891	2	1738. 775	1738. 8	-14. 8	237. 7	20. 6447
730	L. GIQPT[+1150. 402]LGPPNQPP. V	HexNAc (2) Hex (1) NeuAc (2)	T[+1150]		1233. 572	2	2466. 137	2466. 103	13. 9	152. 7	61. 094
730	L. GIQPT[+1167. 418]LGPP. N	HexNAc (2) Hex (2) Fuc (1) NeuAc (1)	T[+1167]		1023. 958	2	2046. 909	2046. 911	-1	348. 4	54. 1333
730	L. GIQPT[+1021. 360]LGPP. N	HexNAc (2) Hex (2) NeuAc (1)	T[+1021]		950. 93	2	1900. 852	1900. 853	-0. 7	483. 1	54. 8717
730	L. GIQPT[+1021. 360]LGPPN. Q	HexNAc (2) Hex (2) NeuAc (1)	T[+1021]		1007. 947	2	2014. 888	2014. 896	-4. 3	219. 6	51. 9525
730	G. IQPT[+1021. 360]LGPPNQPPV. S	HexNAc (2) Hex (2) NeuAc (1)	T[+1021]		1190. 06	2	2379. 113	2379. 107	2. 4	182. 7	62. 865
730	L. GIQPT[+1312. 455]LGPP. N	HexNAc (2) Hex (2) NeuAc (2)	T[+1312]		1096. 475	2	2191. 943	2191. 949	-2. 5	462. 2	59. 437
730	L. GIQPT[+1312. 455]LGPPNQPPVSGG. G	HexNAc (2) Hex (2) NeuAc (2)	T[+1312]		1464. 641	2	2928. 275	2928. 299	-8. 1	305. 8	59. 306
740	L. GIQPTLGPPNQPPVS[+203. 079]. G	HexNAc (1)	S[+203]		852. 946	2	1704. 884	1704. 88	2. 2	543. 2	55. 5808
740	L. GIQPTLGPPNQPPVS[+365. 132]. G	HexNAc (1) Hex (1)	S[+365]		933. 967	2	1866. 927	1866. 933	-3. 4	480. 5	54. 1033
740	L. GIQPTLGPPNQPPVS[+656. 228]. G	HexNAc (1) Hex (1) NeuAc (1)	S[+656]		1079. 517	2	2158. 027	2158. 029	-0. 7	480. 1	57. 3107
740	L. GIQPTLGPPNQPPVS[+947. 323]. G	HexNAc (1) Hex (1) NeuAc (2)	S[+947]		1225. 061	2	2449. 115	2449. 124	-3. 8	562. 8	60. 6538
740	L. GIQPTLGPPNQPPVS[+947. 323]. G	HexNAc (1) Hex (1) NeuAc (2)	S[+947]		817. 048	3	2449. 13	2449. 124	2. 6	523. 3	60. 6593
740	L. GIQPTLGPPNQPPVS[+406. 159]GG. G	HexNAc (2)	S[+406]		1011. 503	2	2021. 999	2022. 003	-1. 7	510. 1	54. 6432
740	L. GIQPTLGPPNQPPVS[+1150. 402]GG. G	HexNAc (2) Hex (1) NeuAc (2)	S[+1150]		922. 749	3	2766. 232	2766. 246	-5. 1	453. 2	59. 0692
740	L. GIQPTLGPPNQPPVS[+1150. 402]GG. G	HexNAc (2) Hex (1) NeuAc (2)	S[+1150]		1383. 635	2	2766. 263	2766. 246	5. 9	420. 4	59. 2283
740	L. GIQPTLGPPNQPPVS[+1021. 360]GG. G	HexNAc (2) Hex (2) NeuAc (1)	S[+1021]		1319. 111	2	2637. 216	2637. 204	4. 5	287. 8	52. 9538
740	L. GIQPTLGPPNQPPVS[+1312. 455]GG. G	HexNAc (2) Hex (2) NeuAc (2)	S[+1312]		976. 765	3	2928. 28	2928. 299	-6. 4	443. 4	59. 1463
740	L. GIQPTLGPPNQPPVS[+1312. 455]GG. G	HexNAc (2) Hex (2) NeuAc (2)	S[+1312]		1464. 647	2	2928. 286	2928. 299	-4. 4	563. 5	58. 2537
730&740	L. GIQPTLGPPNQPPVS[+1677. 587]GG. G	HexNAc (3) Hex (3) NeuAc (2)	S[+1678]		1098. 49	3	3293. 454	3293. 431	6. 9	305. 3	58. 4805
730&740	L. GIQPTLGPPNQPPVS[+1938. 709]GGGG. S	HexNAc (5) Hex (3) Fuc (1) NeuAc (1)	S[+1939]		1223. 556	3	3668. 654	3668. 595	16. 1	153. 7	59. 2983
730&740	I. QPT[+511. 190]LGPPNQPPVS[+1238. 418]GGGSH. H	HexNAc (1) Hex (1) Fuc (1), HexNAc (1) Hex (1) NeuAc (3)	S[+1238], T[+511]	HexNAc (2) Hex (2) Fuc (1) NeuAc (3)	884. 139	4	3533. 533	3533	14. 9	196. 4	53. 1213
730&740	L. GIQPT[+656. 228]LGPPNQPPVS[+947. 323]GG. G	HexNAc (1) Hex (1) NeuAc (1), HexNAc (1) Hex (1) NeuAc (2)	S[+947], T[+656]	HexNAc (2) Hex (2) NeuAc (3)	1073. 797	3	3219. 376	3219	-5. 6	531. 8	66. 0302
730&740	L. GIQPT[+656. 228]LGPPNQPPVS[+947. 323]GG. G	HexNAc (1) Hex (1) NeuAc (1), HexNAc (1) Hex (1) NeuAc (2)	S[+947], T[+656]	HexNAc (2) Hex (2) NeuAc (3)	1610. 199	2	3219. 391	3219	-1. 2	518	65. 8707
730&740	L. GIQPT[+1238. 418]LGPPNQPPVS[+365. 132]GG. G	HexNAc (1) Hex (1) NeuAc (3), HexNAc (1) Hex (1)	S[+365], T[+1238]	HexNAc (2) Hex (2) NeuAc (3)	1073. 806	3	3219. 404	3219	3	441. 2	67. 0597
730&740	L. GIQPT[+947. 323]LGPPNQPPVS[+656. 228]GG. G	HexNAc (1) Hex (1) NeuAc (2), HexNAc (1) Hex (1) NeuAc (1)	S[+656], T[+947]	HexNAc (2) Hex (2) NeuAc (3)	1610. 212	2	3219. 417	3219	7	415. 2	65. 332
730&740	L. GIQPT[+947. 323]LGPPNQPPVS[+947. 323]GG. G	HexNAc (1) Hex (1) NeuAc (2), HexNAc (1) Hex (1) NeuAc (2)	S[+947], T[+947]	HexNAc (2) Hex (2) NeuAc (4)	1170. 834	3	3510. 488	3510	-0. 4	344. 7	66. 625
730&740	L. GIQPT[+656. 228]LGPPNQPPVS[+1238. 418]GG. G	HexNAc (1) Hex (1) NeuAc (1), HexNAc (1) Hex (1) NeuAc (3)	S[+1238], T[+656]	HexNAc (2) Hex (2) NeuAc (4)	1170. 821	3	3510. 448	3510	-11. 8	236. 3	65. 7259
730&740	L. GIQPT[+673. 243]LGPPNQPPVS[+656. 228]GG. G	HexNAc (1) Hex (2) Fuc (1), HexNAc (1) Hex (1) NeuAc (1)	S[+656], T[+673]	HexNAc (2) Hex (3) Fuc (1) NeuAc (1)	982. 449	3	2945. 333	2945	6. 5	378. 9	59. 1968
730&740	L. GIQPT[+673. 243]LGPPNQPPVS[+947. 323]GG. G	HexNAc (1) Hex (2) Fuc (1), HexNAc (1) Hex (1) NeuAc (2)	S[+947], T[+673]	HexNAc (2) Hex (3) Fuc (1) NeuAc (2)	1079. 476	3	3236. 414	3236	1. 3	533. 1	65. 6423

730&740	L. GIQPT[+947. 323]LGPPNQPPVS[+673. 243]GG. G	HexNAc (1) Hex (1) NeuAc (2), HexNAc (1) Hex (2) Fuc (1)	S[+673], T[+947]	HexNAc (2) Hex (3) Fuc (1) NeuAc (2)	1079. 472	3	3236. 4	3236	-3	472. 8	66. 1543
730&740	L. GIQPT[+947. 323]LGPPNQPPVS[+673. 243]GG. G	HexNAc (1) Hex (1) NeuAc (2), HexNAc (1) Hex (2) Fuc (1)	S[+673], T[+947]	HexNAc (2) Hex (3) Fuc (1) NeuAc (2)	1618. 714	2	3236. 42	3236	3. 2	275. 8	66. 2788
730&740	L. GIQPT[+947. 323]LGPPNQPPVS[+673. 243]GGG. G	HexNAc (1) Hex (1) NeuAc (2), HexNAc (1) Hex (2) Fuc (1)	S[+673], T[+947]	HexNAc (2) Hex (3) Fuc (1) NeuAc (2)	1647. 209	2	3293. 411	3293	-6. 2	217. 1	62. 3522
730&740	L. GIQPT[+1238. 418]LGPPNQPPVS[+673. 243]GG. G	HexNAc (1) Hex (1) NeuAc (3), HexNAc (1) Hex (2) Fuc (1)	S[+673], T[+1238]	HexNAc (2) Hex (3) Fuc (1) NeuAc (3)	1176. 512	3	3527. 523	3528	5	350. 1	64. 7222
730&740	L. GIQPT[+673. 243]LGPPNQPPVS[+1238. 418]GG. G	HexNAc (1) Hex (2) Fuc (1), HexNAc (1) Hex (1) NeuAc (3)	S[+1238], T[+673]	HexNAc (2) Hex (3) NeuAc (3)	1176. 503	3	3527. 494	3528	-3. 3	473. 9	63. 1014
730&740	I. QPT[+947. 323]LGPPNQPPVS[+860. 327]GG. G	HexNAc (1) Hex (1) NeuAc (2), HexNAc (2) Hex (1) Fuc (2)	S[+860], T[+947]	HexNAc (3) Hex (2) Fuc (2) NeuAc (2)	1085. 137	3	3253. 396	3253	2. 1	198. 4	64. 199
730&740	I. QPT[+1238. 418]LGPPNQPPVS[+860. 327]GG. G	HexNAc (1) Hex (1) NeuAc (3), HexNAc (2) Hex (1) Fuc (2)	S[+860], T[+1238]	HexNAc (3) Hex (2) Fuc (2) NeuAc (3)	1182. 181	3	3544. 527	3544	12. 1	150. 1	65. 8706
730&740	L. GIQPT[+1312. 455]LGPPNQPPVS[+365. 132]GG. G	HexNAc (2) Hex (2) NeuAc (2), HexNAc (1) Hex (1)	S[+365], T[+1312]	HexNAc (3) Hex (3) NeuAc (2)	1098. 479	3	3293. 422	3293. 431	-2. 8	179. 1	57. 6633
730&740	L. GIQPT[+656. 228]LGPPNQPPVS[+1312. 455]GG. G	HexNAc (1) Hex (1) NeuAc (1), HexNAc (2) Hex (2) NeuAc (2)	S[+1312], T[+656]	HexNAc (3) Hex (3) NeuAc (3)	1195. 517	3	3584. 535	3585	2. 3	369. 3	63. 1022
730&740	L. GIQPT[+1312. 455]LGPPNQPPVS[+656. 228]GG. G	HexNAc (2) Hex (2) NeuAc (2), HexNAc (1) Hex (1) NeuAc (1)	S[+656], T[+1312]	HexNAc (3) Hex (3) NeuAc (3)	1195. 51	3	3584. 515	3585	-3. 3	351. 4	65. 4588
730&740	L. GIQPT[+802. 286]LGPPNQPPVS[+1312. 455]GG. G	HexNAc (1) Hex (1) Fuc (1) NeuAc (1), HexNAc (2) Hex (2) NeuAc (2)	S[+1312], T[+802]	HexNAc (3) Hex (3) Fuc (1) NeuAc (3)	1244. 194	3	3730. 567	3731	-4. 6	266. 9	62. 7383
730&740	L. GIQPT[+730. 264]LGPPNQPPVS[+1238. 418]GG. G	HexNAc (2) Hex (2), HexNAc (1) Hex (1) NeuAc (3)	S[+1238], T[+730]	HexNAc (3) Hex (3) NeuAc (3)	1195. 505	3	3584. 499	3585	-7. 8	273. 7	64. 4353
730&740	L. GIQPT[+1238. 418]LGPPNQPPVS[+730. 264]GG. G	HexNAc (1) Hex (1) NeuAc (3), HexNAc (2) Hex (2)	S[+730], T[+1238]	HexNAc (3) Hex (3) NeuAc (3)	1195. 514	3	3584. 527	3585	0. 1	268. 2	65. 9733
730&740	L. GIQPT[+1021. 360]LGPPNQPPVS[+673. 243]G. G	HexNAc (2) Hex (2) NeuAc (1), HexNAc (1) Hex (2) Fuc (1)	S[+673], T[+1021]	HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	1085. 164	3	3253. 479	3253	16. 5	155. 3	66. 359
730&740	L. GIQPT[+673. 243]LGPPNQPPVS[+1312. 455]GG. G	HexNAc (1) Hex (2) Fuc (1), HexNAc (2) Hex (2) NeuAc (2)	S[+1312], T[+673]	HexNAc (3) Hex (4) Fuc (1) NeuAc (2)	1201. 184	3	3601. 538	3602	-1. 1	510. 8	63. 1792
730&740	L. GIQPT[+1312. 455]LGPPNQPPVS[+673. 243]GG. G	HexNAc (2) Hex (2) NeuAc (2), HexNAc (1) Hex (2) Fuc (1)	S[+673], T[+1312]	HexNAc (3) Hex (4) Fuc (1) NeuAc (2)	1201. 182	3	3601. 531	3602	-3	392. 9	64. 9052
730&740	L. GIQPT[+1038. 375]LGPPNQPPVS[+1238. 418]GG. G	HexNAc (2) Hex (3) Fuc (1), HexNAc (1) Hex (1) NeuAc (3)	S[+1238], T[+1038]	HexNAc (3) Hex (4) Fuc (1) NeuAc (3)	1298. 228	3	3892. 67	3893	8. 4	359. 8	65. 9615
730&740	L. GIQPT[+1458. 513]LGPPNQPPVS[+673. 243]GG. G	HexNAc (2) Hex (2) Fuc (1) NeuAc (2), HexNAc (1) Hex (2) Fuc (1)	S[+673], T[+1459]	HexNAc (3) Hex (4) Fuc (2) NeuAc (2)	1249. 88	3	3747. 627	3748	7. 2	306	62. 01
730&740	L. GIQPT[+673. 243]LGPPNQPPVS[+1458. 513]GG. G	HexNAc (1) Hex (2) Fuc (1), HexNAc (2) Hex (2) Fuc (1) NeuAc (2)	S[+1459], T[+673]	HexNAc (3) Hex (4) Fuc (2) NeuAc (2)	1249. 874	3	3747. 608	3748	2. 2	356. 3	62. 7905
730&740	L. GIQPT[+947. 323]LGPPNQPPVS[+1038. 375]GG. G	HexNAc (1) Hex (1) NeuAc (2), HexNAc (2) Hex (3) Fuc (1)	S[+1038], T[+947]	HexNAc (3) Hex (4) Fuc (2) NeuAc (2)	1201. 178	3	3601. 518	3602	-6. 6	223	66. 4645
730&740	L. GIQPT[+802. 286]LGPPNQPPVS[+1183. 413]GG. G	HexNAc (1) Hex (1) Fuc (1) NeuAc (1), HexNAc (2) Hex (3) NeuAc (1)	S[+1183], T[+802]	HexNAc (3) Hex (4) NeuAc (2)	1201. 198	3	3601. 579	3602	10. 3	349. 1	63. 7632
730&740	L. GIQPT[+771. 291]LGPPNQPPVS[+1238. 418]GG. G	HexNAc (3) Hex (1), HexNAc (1) Hex (1) NeuAc (3)	S[+1238], T[+771]	HexNAc (4) Hex (2) NeuAc (3)	1209. 189	3	3625. 552	3626	-0. 3	274. 3	66. 2733
730&740	L. GIQPT[+859. 307]LGPPNQPPVS[+1150. 402]GG. G	HexNAc (2) Hex (1) NeuAc (1), HexNAc (2) Hex (1) NeuAc (2)	S[+1150], T[+859]	HexNAc (4) Hex (2) NeuAc (3)	1209. 208	3	3625. 608	3626	15. 2	232. 8	66. 3407
730&740	L. GIQPT[+365. 132]LGPPNQPPVS[+1386. 492]G. G	HexNAc (1) Hex (1), HexNAc (3) Hex (3) NeuAc (1)	S[+1386], T[+365]	HexNAc (4) Hex (4) NeuAc (1)	1104. 164	3	3310. 476	3310	8. 9	213. 1	62. 261
730&740	L. GIQPT[+656. 228]LGPPNQPPVS[+1677. 587]GG. G	HexNAc (1) Hex (1) NeuAc (1), HexNAc (3) Hex (3) NeuAc (2)	S[+1678], T[+656]	HexNAc (4) Hex (4) NeuAc (3)	1317. 231	3	3949. 677	3950	4. 7	194. 7	62. 9172
730&740	L. GIQPT[+673. 243]LGPPNQPPVS[+1677. 587]GG. G	HexNAc (1) Hex (2) Fuc (1), HexNAc (3) Hex (3) NeuAc (2)	S[+1678], T[+673]	HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	1322. 898	3	3966. 681	3967	1. 7	286. 1	63. 0662
730&740	L. GIQPT[+771. 291]LGPPNQPPVS[+1208. 444]GGG. G	HexNAc (3) Hex (1), HexNAc (3) Hex (1) Fuc (1) NeuAc (1)	S[+1208], T[+771]	HexNAc (6) Hex (2) Fuc (1) NeuAc (1)	1218. 212	3	3652. 62	3653	5. 5	199. 1	60. 215

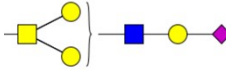
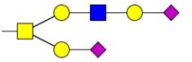
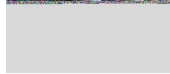
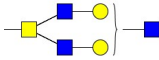
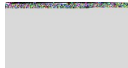
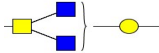
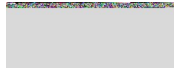
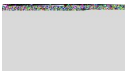
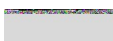
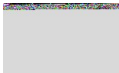
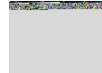
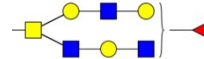
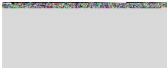
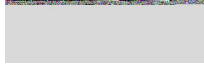
Table S6. The O-linked glycan composition assigned to the 12 O-glycosites. The relative abundances of all O-linked glycans detected at each site are displayed by the spectra counts. The likely O-linked glycan structures were followed in the Table S6.

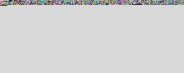
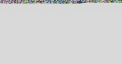
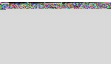
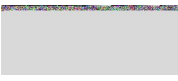
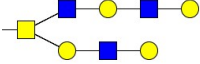
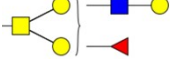
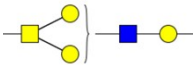
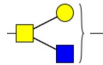
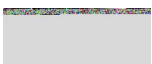
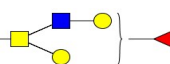
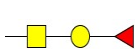
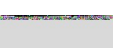
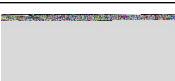
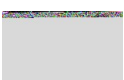
Glycan and Glycan combination	Glycan	Glycan	S 7 7 / T 7 8	S105/S 106/S1 09	T 1 1 8 / T 1 2 2 / S 1 2 4 / T 1 2 5 / S 1 2 9 / T 1 3 0	S113	T371	S409/S411/ T414	S425/T43 4	S511// T517	S545/S 547/T 548	730	740	730&7 40	likely structure
HexNAc (1)			0	3	0	2	0	0	4	0	0	21	0	18	
HexNAc (1) Hex (1)			0	0	0	0	0	0	0	0	3	14	2	6	
HexNAc (1) Hex (1) NeuAc (1)			0	0	0	0	0	0	0	0	0	73	7	24	
HexNAc (1) Hex (1) NeuAc (2)			2	2	0	0	0	5	0	0	0	47	6	33	
HexNAc (2)			2	0	0	0	0	0	0	0	0	2	3	5	
HexNAc (2) Hex (1)			0	3	0	0	0	0	0	0	0	11	7	3	
HexNAc (2) Hex (1) NeuAc (1)			0	0	0	0	0	0	0	0	0	46	9	26	
HexNAc (2) Hex (1) NeuAc (2)			0	0	0	0	0	0	0	0	0	4	11	29	
HexNAc (2) Hex (1) NeuAc (3)	HexNAc (1) Hex (1) NeuAc (2)	HexNAc (1) NeuAc (1)	0	0	0	0	0	0	0	0	0	0	0	2	 and 

HexNAc (2) Hex (2)			0	2	0	0	0	0	0	0	0	11	3	3	
HexNAc (2) Hex (2) Fuc (1) NeuAc (1)			0	0	0	0	0	0	0	0	0	7	3	0	
HexNAc (2) Hex (2) Fuc (1) NeuAc (2)			0	0	0	0	0	0	2	0	0	0	1	12	
HexNAc (2) Hex (2) Fuc (1) NeuAc (3)	HexNAc (1) Hex (1) Fuc (1) NeuAc (1)	HexNAc (1) Hex (1) NeuAc (2)	0	0	0	0	0	0	0	0	0	0	0	1	 and 
HexNAc (2) Hex (2) Fuc (2) NeuAc (1)			0	0	0	0	0	0	0	0	0	0	0	1	
HexNAc (2) Hex (2) NeuAc (1)			0	0	0	0	0	0	0	0	0	44	14	45	
HexNAc (2) Hex (2) NeuAc (2)			0	0	0	0	0	0	0	0	0	14	19	173	 and 
HexNAc (2) Hex (2) NeuAc (3)	HexNAc (1) Hex (1) NeuAc (1)	HexNAc (1) Hex (1) NeuAc (2)	0	0	0	0	0	0	0	0	0	0	0	183	 and 
HexNAc (2) Hex (2) NeuAc (4)	HexNAc (1) Hex (1) NeuAc (2)	HexNAc (1) Hex (1) NeuAc (2)	0	0	0	0	0	0	0	0	0	0	0	9	 and 
HexNAc (2) Hex (3) Fuc (1) NeuAc (1)	HexNAc (1) Hex (2) Fuc (1)	HexNAc (1) Hex (1) NeuAc (1)	0	0	0	0	0	0	0	0	0	0	0	2	 and 
HexNAc (2) Hex (3) Fuc (1) NeuAc (2)	HexNAc (1) Hex (1) NeuAc (2)	HexNAc (1) Hex (2) Fuc (1)	0	0	0	0	0	0	0	0	0	0	0	11	 and 
HexNAc (2) Hex (3) Fuc (1) NeuAc (3)	HexNAc (1) Hex (1) NeuAc (2)	HexNAc (1) Hex (2) Fuc (1) NeuAc (1)	0	0	0	0	0	0	0	0	0	0	0	4	 and 
HexNAc (2) Hex (3) NeuAc (3)			0	0	0	0	0	0	0	0	0	0	0	2	
HexNAc (3) Hex (1) NeuAc (1)			0	0	0	0	0	0	0	0	0	0	0	3	

HexNAc (3) Hex (2)			0	0	0	0	3	0	0	0	0	0	0	1	
HexNAc (3) Hex (2) Fuc (2)			0	0	0	0	0	0	0	0	0	0	0	2	
HexNAc (3) Hex (2) NeuAc (1)			0	0	0	0	0	0	0	0	0	0	1	14	
HexNAc (3) Hex (2) NeuAc (2)			0	0	0	0	0	0	0	0	0	0	2	21	
HexNAc (3) Hex (2) NeuAc (3)	HexNAc (1) Hex (1) NeuAc (2)	HexNAc (2) Hex (1) NeuAc (1)	0	0	0	0	0	0	0	0	0	0	0	7	and
HexNAc (3) Hex (3)			0	0	0	0	0	7	0	0	0	0	1	2	
HexNAc (3) Hex (3) Fuc (1)			0	0	0	0	0	1	0	0	0	0	0	0	
HexNAc (3) Hex (3) Fuc (1) NeuAc (1)			0	0	0	0	0	0	0	0	0	0	0	1	
HexNAc (3) Hex (3) Fuc (1) NeuAc (2)			0	0	0	0	0	0	0	0	0	0	0	8	
HexNAc (3) Hex (3) Fuc (1) NeuAc (3)	HexNAc (2) Hex (2) NeuAc (2)	HexNAc (1) Hex (1) Fuc (1) NeuAc (1)	0	0	0	0	0	0	0	0	0	0	0	6	and
HexNAc (3) Hex (3) Fuc (2) NeuAc (2)			0	0	0	0	0	0	0	0	0	1	0	2	
HexNAc (3) Hex (3) NeuAc (1)			0	0	0	0	0	0	0	0	0	0	1	25	
HexNAc (3) Hex (3) NeuAc (2)			0	0	0	0	0	0	0	0	0	20	10	44	
HexNAc (3) Hex (3) NeuAc (3)	HexNAc (1) Hex (1) NeuAc (2)	HexNAc (2) Hex (2) NeuAc (1)	0	0	0	0	0	0	0	0	0	0	0	66	and

HexNAc (3) Fuc (1)			0	0	0	0	0	0	0	0	0	0	0	0	
HexNAc (3) Hex (4) Fuc (1)	HexNAc (1) Hex (2) Fuc (1)	HexNAc (2) Hex (2)	0	0	0	0	0	5	0	0	0	0	0	0	and
	HexNAc (1) Hex (1) Fuc (1)	HexNAc (2) Hex (3)	0	0	0	0	0	2	0	0	0	0	0	0	and
HexNAc (3) Hex (4) NeuAc (1)	HexNAc (2) Hex (3)	HexNAc (1) Hex (1) NeuAc (1)	0	0	0	0	0	6	0	0	0	0	0	0	and
	HexNAc (1) Hex (1)	HexNAc (2) Hex (3) NeuAc (1)	0	0	0	0	0	11	0	0	0	0	0	0	and
HexNAc (3) Hex (4) Fuc (1) NeuAc (1)	HexNAc (2) Hex (2) NeuAc (1)	HexNAc (1) Hex (2) Fuc (1)	0	0	0	0	0	8	0	0	0	0	0	1	and
	HexNAc (1) Hex (1) Fuc (1)	HexNAc (2) Hex (3) NeuAc (1)	0	0	0	0	0	9	0	0	0	0	0		
	HexNAc (2) Hex (3) Fuc (1)	HexNAc (1) Hex (1) NeuAc (1)	0	0	0	0	0	4	0	0	0	0	0		
	HexNAc (2) Hex (3)	HexNAc (1) Hex (1) Fuc (1) NeuAc (1)	0	0	0	0	0	3	0	0	0	0	0		and
HexNAc (3) Hex (4) Fuc (1) NeuAc (2)	HexNAc (1) Hex (2) Fuc (1)	HexNAc (2) Hex (2) NeuAc (2)	0	0	0	0	0	1	0	0	0	0	0	5	and
HexNAc (3) Hex (4) Fuc (1) NeuAc (3)	HexNAc (2) Hex (3) Fuc (1) NeuAc (1)	HexNAc (1) Hex (1) NeuAc (2)	0	0	0	0	0	0	0	0	0	0	0	2	and
HexNAc (3) Hex (4) Fuc (2) NeuAc (2)	HexNAc (2) Hex (2) Fuc (1) NeuAc (2)	HexNAc (1) Hex (2) Fuc (1)	0	0	0	0	0	0	0	0	0	0	0	2	and
HexNAc (3) Hex (5) Fuc (1)	HexNAc (2) Hex (3)	HexNAc (1) Hex (2) Fuc (1)	0	0	0	0	0	6	0	0	0	0	0	0	and

HexNAc (3) Hex (5) Fuc (1) NeuAc (1)	HexNAc (2) Hex (3) NeuAc (1)	HexNAc (1) Hex (2) Fuc (1)	0	0	0	0	0	32	0	0	0	0	0	0	 and 
HexNAc (3) Hex (5) Fuc (1) NeuAc (2)	HexNAc (2) Hex (3) NeuAc (2)	HexNAc (1) Hex (2) Fuc (1)	0	0	0	0	0	1	0	0	0	0	0	0	 and 
HexNAc (4) Hex (2)			0	0	0	0	0	2	0	0	0	0	0	3	
HexNAc (4) Hex (2) Fuc (1) NeuAc (2)	HexNAc (1) Hex (1) NeuAc (2)	HexNAc (3) Hex (1) Fuc (1)	0	0	0	0	0	1	0	0	0	0	0	2	 and 
HexNAc (4) Hex (2) NeuAc (1)	HexNAc (3) Hex (2) NeuAc (1)	HexNAc (1)	0	0	0	0	0	0	0	0	0	0	0	5	 and 
	HexNAc (3) Hex (1) NeuAc (1)	HexNAc (1) Hex (1)	0	0	0	0	0	0	0	0	0	0	0		 and 
HexNAc (4) Hex (2) NeuAc (2)	HexNAc (2) Hex (1) NeuAc (1)	HexNAc (2) Hex (1) NeuAc (1)	0	0	0	0	0	0	0	0	0	0	0	10	 and 
	HexNAc (3) Hex (1)	HexNAc (1) Hex (1) NeuAc (2)	0	0	0	0	0	0	0	0	0	0	0		 and 
	HexNAc (1) Hex (1) NeuAc (1)	HexNAc (3) Hex (1) NeuAc (1)	0	0	0	0	0	0	0	0	0	0	0		 and 
HexNAc (4) Hex (2) NeuAc (3)	HexNAc (2) Hex (1) NeuAc (2)	HexNAc (2) Hex (1) NeuAc (1)	0	0	0	0	0	0	0	0	0	0	0	5	 and 
HexNAc (4) Hex (3)	HexNAc (2) Hex (2)	HexNAc (2) Hex (1)	0	0	0	0	0	0	0	0	0	0	0	3	 and 
HexNAc (4) Hex (3) Fuc (1)			0	0	0	0	0	13	0	0	0	0	0	0	
HexNAc (4) Hex (3) NeuAc (1)	HexNAc (3) Hex (2) NeuAc (1)	HexNAc (1) Hex (1)	0	0	0	0	0	0	0	0	0	0	0	10	 and 
	HexNAc (3) Hex (3) NeuAc (1)	HexNAc (1)	0	0	0	0	0	0	0	0	0	0	0		 and 

	HexNAc (2) Hex (2) NeuAc (1)	HexNAc (2) Hex (1)	0	0	0	0	0	0	0	0	0	0	0		 and 
HexNAc (4) Hex (3) NeuAc (2)	HexNAc (2) Hex (2) NeuAc (2)	HexNAc (2) Hex (1)	0	0	0	0	0	0	0	0	0	0	0	8	 and 
	HexNAc (1) Hex (1) NeuAc (2)	HexNAc (3) Hex (2)	0	0	0	0	0	0	0	0	0	0	0		 and 
	HexNAc (3) Hex (2) NeuAc (2)	HexNAc (1) Hex (1)	0	0	0	0	0	0	0	0	0	0	0		 and 
	HexNAc (3) Hex (3) NeuAc (2)	HexNAc (1)	0	0	0	0	0	0	0	0	0	0	0		 and 
HexNAc (4) Hex (4)			0	0	0	0	0	0	0	0	0	0	0	2	
HexNAc (4) Hex (4) Fuc (1) NeuAc (1)	HexNAc (3) Hex (3) NeuAc (1)	HexNAc (1) Hex (1) Fuc (1)	0	0	0	0	0	2	0	3	0	0	0	2	 and 
	HexNAc (2) Hex (1) NeuAc (1)	HexNAc (2) Hex (3) Fuc (1)	0	0	0	0	0	2	0	2	0	0	0		 and 
	HexNAc (2) Hex (3) NeuAc (1)	HexNAc (2) Hex (1) Fuc (1)	0	0	0	0	0	2	0	2	0	0	0		 and 
HexNAc (4) Hex (4) Fuc (1) NeuAc (2)	HexNAc (2) Hex (2) NeuAc (2)	HexNAc (2) Hex (2) Fuc (1)	0	0	0	0	0	0	0	0	0	0	0	3	 and 
	HexNAc (3) Hex (3) NeuAc (2)	HexNAc (1) Hex (1) Fuc (1)	0	0	0	0	0	0	0	0	0	0	0		 and 
HexNAc (4) Hex (4) NeuAc (1)	HexNAc (3) Hex (3) NeuAc (1)	HexNAc (1) Hex (1)	0	0	0	0	0	0	0	0	0	0	0	12	 and 
	HexNAc (1) Hex (1) NeuAc (1)	HexNAc (3) Hex (3)	0	0	0	0	0	0	0	0	0	0	0		 and 
	HexNAc (2) Hex (2)	HexNAc (2) Hex (2) NeuAc (1)	0	0	0	0	0	0	0	0	0	0	0		 and 

HexNAc (4) Hex (4) NeuAc (2)	HexNAc (2) Hex (2) NeuAc (1)	HexNAc (2) Hex (2) NeuAc (1)	0	0	0	0	0	0	0	0	0	0	0	15	and
	HexNAc (2) Hex (2) NeuAc (2)	HexNAc (2) Hex (2)	0	0	0	0	0	0	0	0	0	0	0		and
HexNAc (4) Hex (4) NeuAc (3)	HexNAc (2) Hex (2) NeuAc (2)	HexNAc (2) Hex (2) NeuAc (1)	0	0	0	0	0	0	0	0	0	0	0	2	and
HexNAc (4) Hex (5) Fuc (1) NeuAc (2)	HexNAc (1) Hex (2) Fuc (1)	HexNAc (3) Hex (3) NeuAc (2)	0	0	0	0	0	0	0	0	0	0	0	1	and
HexNAc (4) Hex (5) Fuc (4)	HexNAc (2) Hex (3) Fuc (1)	HexNAc (2) Hex (2) Fuc (2)	0	0	0	0	0	0	0	0	0	0	0	4	and
HexNAc (4) Hex (6) NeuAc (2)	HexNAc (2) Hex (3) NeuAc (1)	HexNAc (2) Hex (3) NeuAc (1)	0	0	0	0	0	2	0	0	0	0	0	0	and
HexNAc (5) Hex (2) NeuAc (2)	HexNAc (3) Hex (2) NeuAc (2)	HexNAc (2)	0	0	0	0	0	0	0	0	0	0	0	1	and
HexNAc (5) Hex (3) NeuAc (2)	HexNAc (3) Hex (1) NeuAc (1)	HexNAc (2) Hex (2) NeuAc (1)	0	0	0	0	0	0	0	0	0	0	0	1	and
HexNAc (6) Hex (2) Fuc (1) NeuAc (1)	HexNAc (3) Hex (1)	HexNAc (3) Hex (1) Fuc (1) NeuAc (1)	0	0	0	0	0	0	0	0	0	0	0	2	and
HexNAc (7) Hex (3) Fuc (3) NeuAc (1)	HexNAc (3) Hex (1) Fuc (1) NeuAc (1)	HexNAc (4) Hex (2) Fuc (2)	0	0	2	0	0	0	0	0	0	0	0	0	and
Sum of glycan types			2	4	2	1	1	15	2	3	1	15	16	42	

Table S7. The distribution and relative abundance of site-specific O-glycopeptides and O-linked glycans at T730, S740 and T730/S740, of which were showed in Figure 6.

O-Glycosites	HexNAc (1)	HexNAc (1) Hex (1)	HexNAc (1) Hex (1) NeuAc (2)	HexNAc (2)	HexNAc (2) Hex (1)	HexNAc (2) Hex (2)	HexNAc (2) Hex (2) Fuc (1) NeuAc (2)	HexNAc (3) Hex (1) Fuc (1) NeuAc (1)	HexNAc (3) Hex (2)	HexNAc (4) Hex (2) Fuc (2)
S77/T78	0. 0%	0. 0%	50. 0%	50. 0%	0. 0%	0. 0%	0. 0%	0. 0%	0. 0%	0. 0%
S105/S106/S109	25. 0%	0. 0%	25. 0%	0. 0%	25. 0%	25. 0%	0. 0%	0. 0%	0. 0%	0. 0%
T118/T122/S124/T125/S129/T130	0. 0%	0. 0%	0. 0%	0. 0%	0. 0%	0. 0%	0. 0%	50. 0%	0. 0%	50. 0%
S113	100. 0%	0. 0%	0. 0%	0. 0%	0. 0%	0. 0%	0. 0%	0. 0%	0. 0%	0. 0%
T371	0. 0%	0. 0%	0. 0%	0. 0%	0. 0%	0. 0%	0. 0%	0. 0%	100. 0%	0. 0%
S425/T434	67. 0%	0. 0%	0. 0%	0. 0%	0. 0%	0. 0%	330. 0%	0. 0%	0. 0%	0. 0%
S545/S547/T548	0. 0%	100. 0%	0. 0%	0. 0%	0. 0%	0. 0%	0. 0%	0. 0%	0. 0%	0. 0%

GalNAc Core O-glycans		O-glycosites (relative abundance)	
	Glycans	730	740
	HexNAc (1)	6. 6%	0. 0%
core 1	HexNAc (1) Hex (1)	4. 4%	0. 2%
core 1	HexNAc (1) Hex (1) NeuAc (1)	23. 0%	7. 0%
core 1	HexNAc (1) Hex (1) NeuAc (2)	14. 8%	6. 0%
core 3	HexNAc (2)	0. 6%	3. 0%
core 2	HexNAc (2) Hex (1)	3. 5%	7. 0%
core 2	HexNAc (2) Hex (1) NeuAc (1)	15. 0%	9. 0%
core 2	HexNAc (2) Hex (1) NeuAc (2)	1. 3%	11. 0%
core 2	HexNAc (2) Hex (2)	3. 5%	3. 0%
core 2	HexNAc (2) Hex (2) Fuc (1) NeuAc (1)	2. 2%	3. 0%
core 2	HexNAc (2) Hex (2) Fuc (1) NeuAc (2)	0. 0%	1. 0%
core 2	HexNAc (2) Hex (2) NeuAc (1)	13. 8%	14. 0%
core 2	HexNAc (2) Hex (2) NeuAc (2)	4. 4%	19. 0%
core 4	HexNAc (3) Hex (2) NeuAc (1)	0. 0%	1. 0%
core 4	HexNAc (3) Hex (2) NeuAc (2)	0. 0%	2. 0%
core 2	HexNAc (3) Hex (3)	0. 0%	1. 0%
core 2	HexNAc (3) Hex (3) Fuc (2) NeuAc (2)	0. 3%	0. 0%
core 2	HexNAc (3) Hex (3) NeuAc (1)	0. 0%	1. 0%
core 2	HexNAc (3) Hex (3) NeuAc (2)	6. 3%	10. 0%