

Table S1: Variable window sizes for DIA acquisition with Orbitrap Exploris 480.

| Window | center (m/z) | Isolation Window (m/z) | m/z start | m/z end |
|--------|--------------|------------------------|-----------|---------|
| 1 | 392.58 | 95.2 | 344.98 | 440.18 |
| 2 | 459.56 | 39.8 | 439.66 | 479.46 |
| 3 | 494.25 | 30.6 | 478.95 | 509.55 |
| 4 | 522.78 | 27.5 | 509.03 | 536.53 |
| 5 | 548.53 | 25 | 536.03 | 561.03 |
| 6 | 572.89 | 24.7 | 560.54 | 585.24 |
| 7 | 596.9 | 24.3 | 584.75 | 609.05 |
| 8 | 620.81 | 24.5 | 608.56 | 633.06 |
| 9 | 645.09 | 25.1 | 632.54 | 657.64 |
| 10 | 670.1 | 26 | 657.1 | 683.1 |
| 11 | 696.1 | 27 | 682.6 | 709.6 |
| 12 | 723.35 | 28.5 | 709.1 | 737.6 |
| 13 | 752.37 | 30.6 | 737.07 | 767.67 |
| 14 | 783.12 | 31.9 | 767.17 | 799.07 |
| 15 | 816.29 | 35.4 | 798.59 | 833.99 |
| 16 | 852.84 | 38.7 | 833.49 | 872.19 |
| 17 | 893.43 | 43.5 | 871.68 | 915.18 |
| 18 | 939.95 | 50.6 | 914.65 | 965.25 |
| 19 | 997.57 | 65.7 | 964.72 | 1030.42 |
| 20 | 1070.86 | 81.9 | 1029.91 | 1111.81 |
| 21 | 1180.66 | 138.7 | 1111.31 | 1250.01 |