Table S1. Statistics of spectra, peptides and proteins in each proteome dataset.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sample** | **Total spectra** | **Identified spectra** | **Identified peptides** | **Identified proteins** |
| MS.F.201\_1 | 363,995 | 94,615 | 21,737 | 4,235 |
| MS.F.20\_2 | 373,857 | 109,204 | 28,067 | 5,247 |
| MS.F.20\_3 | 366,213 | 81,879 | 21,776 | 4,337 |
| MS.F.12\_1 | 34,050 | 16,769 | 6,061 | 934 |
| MS.F.1\_2 | 34,092 | 17,325 | 6,039 | 882 |
| MS.M.203\_1 | 331,294 | 66,976 | 16,916 | 3,530 |
| MS.M.20\_2 | 316,052 | 6,1061 | 16,008 | 3,641 |
| MS.M.20\_3 | 314,000 | 68,620 | 16,363 | 3,695 |
| MS.M.14\_1 | 33,301 | 16,067 | 5,339 | 766 |
| MS.M.1\_2 | 33,449 | 17,141 | 5,589 | 820 |
| DIA\_F5 | / | / | 10,072 | 1,864 |
| DIA\_M6 | / | / | 10,747 | 1,864 |

1-6See more details in Section 2.4.