Supplementary Information

TiO$_2$ Simultaneous Enrichment, On-Line Deglycosylation, and Sequential Analysis of Glyco- and Phosphopeptides

Supplementary Figure 1 Mass spectra of PTM-peptides obtained after TiO$_2$ simultaneous enrichment, on-line deglycosylation and elution with (A) 5 mM NH$_4$HCO$_3$; (B) 10 mM NH$_4$HCO$_3$ and (C) 20 mM NH$_4$HCO$_3$. Glycopeptides, deglycosylated peptides and phosphopeptides are marked with red stars, green stars and blue circles. The signals at m/z ranged from
1208 to 1613 in the mass spectra were amplified by 3-fold (×3), where “×3” represents the magnification times.

**Supplementary Figure 2** Mass spectra of PTM-peptides obtained after TiO$_2$ simultaneous enrichment, on-line deglycosylation and elution thrice with (A-C) 50\% ACN/ 1\% FA. Deglycosylated peptides are marked with green stars.