

Supplementary Tables

Table S1. Protein identification via the Thermo Q Exactive Orbitrap.

Table S2. Result of KEGG pathway description

Table S1. Proteins Identification using Thermo Q Exactive Orbitrap.

No.	Protein name	Mass	Score	pI value	Sequence coverage	Site of <i>O</i> -GlcNAc
gi42519916	Forkhead box O3	71.2	10969 ± 4691	5.16	92.72 %	S284, S286, S411, T475 S476, S482, S551

* 'S' or 'T' means 'Serine' or 'Threonine' *O*-GlcNAc site

Table S2. Result of KEGG pathway description

KEGG pathway description	%
Cell cycle	8
Small cell lung cancer	6
Regulation of actin skeleton	6
Pancreatic cancer	5
Type II diabetes mellitus	5
Non-small cell lung cancer	5
Non-alcoholic fatty liver disease (NAFLD)	5
Viral carcinogenesis	5
Proteoglycans in cancer	5
Endometrial cancer	4
Colorectal cancer	4
Glioma	4
Renal cell carcinoma	4
Chronic myeloid leukemia	4
Prostate cancer	4
Hepatitis B	4
Transcriptional misregulation in cancer	4
DNA replication	3
Carbohydrate digestion and absorption	3
Acute myeloid leukemia	3
Glycolysis	3
Melanoma	3
Apoptosis	3