

**Table S1 Protein identification and false discovery rate (FDR) analysis**

## a. Number of proteins identified at 95% confidence level

	run 1	run 2	run 3	Total
Total Spectra	114654	83352	110173	
Spectra Identified	54020 (47.1%)	29555 (35.5%)	46871 (42.5%)	
Distinct Peptides	19652	10749	17250	
Proteins	1483	886	1339	1652

## b. Number of proteins estimated according to FDR analysis

Critical FDR	Local FDR	Global FDR	Global FDR from Fit
1.0%	1388 836 1085	1539 935 1359	<b>1543 918 1367</b>
5.0%	<b>1449 853 1270</b>	1683 1014 1562	1689 1025 1552
10.0%	<b>1490 887 1331</b>	1817 1102 1687	1830 1111 1699

Protein numbers from triplicated experiments were listed; numbers in bold are close to that from protein identification with above 95% confidence level.