



**Supplementary figure 1. Representative silver-stained 2-DE gel images.**

Differentially expressed proteins separated by 2-DE. Approximately 696 protein spots on gels with a 4-7 non-linear range were separated by silver staining. (a) 25 differential spots (numbered with arrows) were identified by MALDI-TOF/TOF MS in the bipolar II group. (b) 25 differential spots (numbered with arrows) were identified by MALDI-TOF/TOF MS in the MDD group. 2-DE, two-dimensional electrophoresis; IPG, immobilized pH gradient; SDS-PAGE, sodium dodecyl sulfate polyacrylamide gel electrophoresis; MALDI-TOF/TOFMS, matrix-assisted laser desorption/ionization time-of-flight/time-of-flight mass spectrometry.