Supplemental Figure S1
A representative result of proteomic analysis. Total proteins extracted from C. glutamicum wild-type cells comprising small translucent (ST) and large yellow (LY) colonies were analysed and compared. Cells were grown for 5 d on CM2G (for former colonies) and CM2B (for latter colonies), washed with 50 mM Tris-HCl (pH 7.0) buffer, and disrupted by sonication. Supernatant obtained after centrifuging sonicated cell suspension at 12,000xg for 10 min (containing 1.0 mg protein) was further treated with a 2-D Clean-Up Kit and subjected to 2-D gel electrophoresis using Multiphore II system. The method of electrophoresis followed the manufacturer’s standard protocol. Proteins were stained with Flamingo fluorescent dye and visualised by using a Typhoon image analyser. All systems and materials used were products of GE Healthcare.