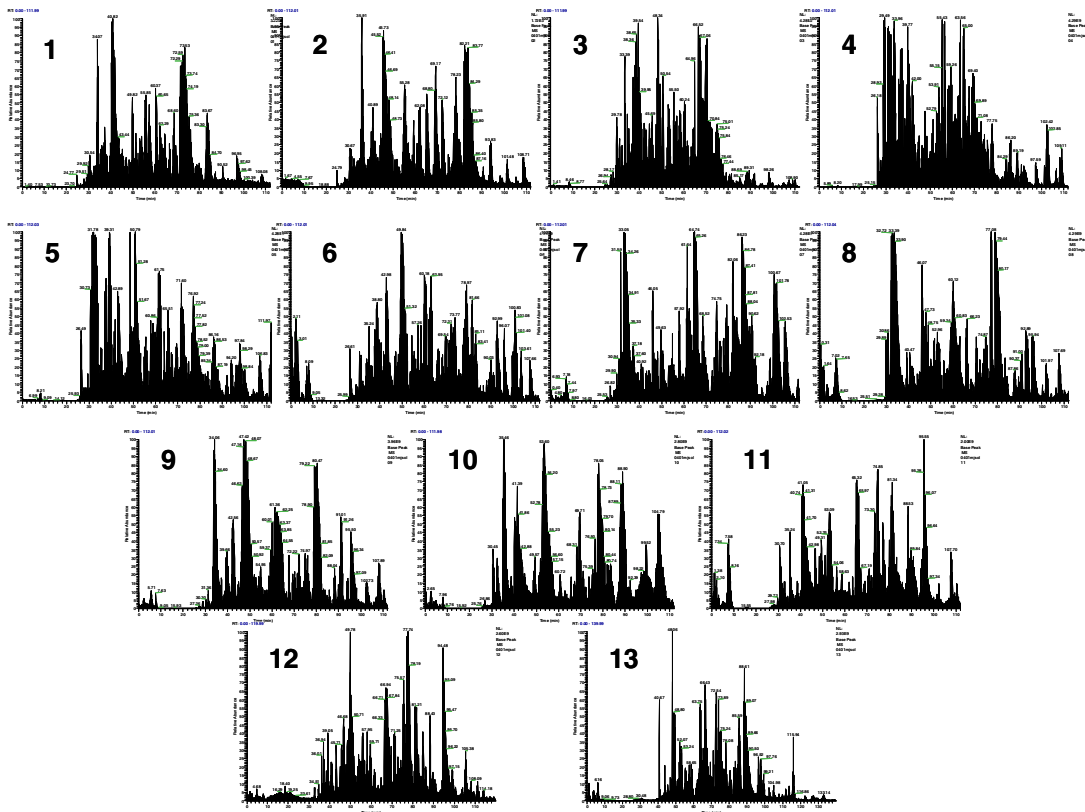


Supplemental Figure 1. Base-peak chromatogram of a 13-cycle MudPIT analysis of a soluble fraction prepared by method B in Experimental. Cycle 1 consisted of a 90-min gradient of 0-45% buffer B, a 10-min gradient of 45-100% buffer B, and a 12-min wash at 100% buffer B. Cycles 2-11 consisted of a 3-min of 100% buffer A, 3-min of x% buffer C, a 8-min gradient of 0-10% buffer B, and a 98-min gradient of 10-45% buffer B. Cycle 12 consisted of a 3-min of 100% buffer A, 10-min of 70% buffer C, a 7-min gradient of 0-10% buffer B, and a 100-min gradient of 10-50% buffer B. Cycle 13 consisted of a 3-min of 100% buffer A, 20-min of 100% buffer C, a 7-min gradient of 0-10% buffer B, and a 110-min gradient of 10-70% buffer B. The 3-min buffer C in Cycles 2-11 was: 5%, 10%, 15%, 20%, 25%, 30%, 35%, 40%, 50%, and 60%.





Supplemental Figure 2. Identified unique peptide number in each cycle of the MudPIT analysis; total identified unique peptides: 3168; total identified unique proteins: 546; total peptide hits:15,186

