







Supplementary Figure 4, Kim et al.

Supplementary Figure 4. **rAAS41-rat peritoneal extracts subjected to LC-MS/MS analysis.** Complex formation of rAAS41-rat peritoneal extract chymase complex was visualized by 12% SDS-PAGE following LC-MS/MS compatible silver staining. The ingel bands, based on the migration of active bands from zymography (denoted by a red arrow) were excised and analyzed by LC-MS/MS. CHY01 and CHY02 represents the putative rat chymase being consistent with the molecular weight of chymase (25 – 30 kDa); AAS41-CHY COMPLEX represent the putative covalently bound complex serpin:protease based on the predicted molecular weights of rAAS41 (~45 kDa) and chymase (~25 kDa) to form an expected complex size of ~60 kDa, which is consistent with the complex formation assays; AAS41A, AAS41B, and AAS41C represents the putative forms of AAS41.