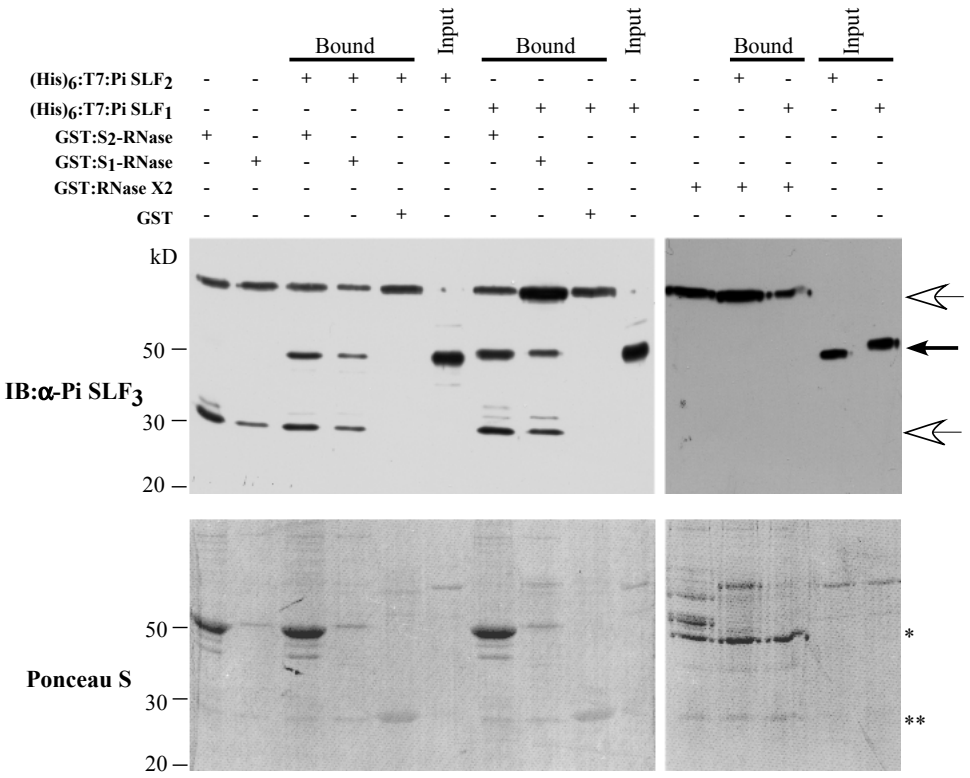

Supplemental Figure 3. In vitro Binding Assay of Interactions of Pi SLFs with S_1-RNase, S_2-RNase, and RNase X2. Purified $(His)_6$:T7:Pi SLF_2 and $(His)_6$:T7:Pi SLF_1 were separately incubated with GST:S_1-RNase-, GST:S_2-RNase-, GST:RNase X2-, and GST-bound Glutathione Sepharose 4 Fast Flow resin. The bound proteins were eluted and analyzed by immunoblotting using an anti-Pi SLF_3 antibody, which cross-reacts with Pi SLF_1 and Pi SLF_2, indicated as a darkened arrow in top panels. The PiSLF antibody was raised in rabbits against a synthetic peptide corresponding to the last 14 amino acids at the C-terminal end of Pi SLF_3. The open arrows indicate cross-reacting bacterial proteins that co-purified with the GST tagged proteins. The " input" lanes were used as positive controls for the $(His)_6$:T7 tagged proteins, and the lanes containing GST:S_1-RNase, GST:S_2-RNase and GST:RNase X2 alone were used as negative controls to show that there were no cross-reacting proteins of the sizes similar to those of the $(His)_6$:T7 tagged proteins. Bottom panels: Ponceau S staining of the immunoblots before immunoblotting. The single asterisk indicates the GST:S_1-RNase, GST:S_2-RNase and GST:RNase X2 bands, and the double asterisks indicate the GST band.