



Figure S7 – bL17, uL22, and bS6 bind non-specifically to ribosomes during isolation

Figure S7 – bL17, uL22, and bS6 bind non-specifically to ribosomes during isolation. This figure is related to Figure 4 in the main text. Cells were collected after 10 days of growth and 70S ribosomes were isolated using sucrose gradients by centrifugation. 70S ribosomes were sedimented by centrifugation and resuspended in OV-10 buffer. Half of the 70S ribosomes were disassociated into 50S and 30S using sucrose gradients by centrifugation. 70S, 50S, and 30S ribosomes were mixed in a 1:1 molar ratio with the reference 70S ribosomes containing medium-heavily labeled arginine and lysine and analyzed using LC-MS/MS. R-protein relative quantity is presented as an (L+H)/M ratio (L+H = Sample; M = Reference). 50S r-protein (L+H)/M ratios are normalized against the average of (L+H)/M ratio of all 50S r-proteins. 30S r-protein (L+H)/M ratios are normalized against the average of (L+H)/M ratio of all 30S r-proteins. The blue box marks $\pm 10\%$ range of (L+H)/M ratio. Values shown in the figure are representative to one control experiment. (n=1).