**Fig S5**

**Panel A**
A graph showing translation efficiency relative to buffer for different concentrations of protein added (28 µM, 14 µM, 7 µM, 3.5 µM) across five different conditions (WT, F123A). The x-axis represents the concentration of protein added, and the y-axis represents the % translation relative to buffer. The graph includes three bands labeled X Band 1, + Band 2, and Average, with distinct colors for each condition.

**Panel B**
A gel image comparing Luc-PTV IRES and Cat-PTV m7G across the same conditions as in Panel A. The gel is stained for protein bands, and the % translation relative to buffer is plotted below, showing the efficiency of translation under the different conditions.