



S2 Fig. Inhibition of chimeric RNase L by L*

Analysis of RNase L-mediated RNA degradation in HeLa-M cells overexpressing indicated Flag-RNase L chimera and HA-L*. RNA samples extracted 7 hours after polyI:C transfection were analyzed by RNA chips and quantified.

A. Inhibition of mouse RNase L carrying indicated human RNase L residues (left) and of human RNase L carrying indicated mouse RNase L residues (right) by L*_{DA}. Values under the lanes indicate the extent of rRNA degradation inhibition compared to that of WT mouse RNase L.

B. Inhibition of mouse RNase L carrying indicated rat RNase L residues (left) and of rat RNase L carrying indicated mouse RNase L residues (right) by L*_{DA} and L*_{RTV-1}. Values under the lanes indicate the extent of rRNA degradation inhibition by L* compared to that mediated by L*_{DA} on mouse RNase L (left panel) or compared to that mediated by L*_{RTV-1} on WT rat RNase L (right panel).