Fig. S1. Nguyen et al.
Fig. S2. Nguyen et al.
**Figure S1.** pH dependency of LC11-RNase H1. The enzymatic activity of LC11-RNase H1 was determined in the presence of 10 mM MgCl₂ at 37°C over the pH range of 4-11 using M13 DNA/RNA hybrid as a substrate. The buffers used for assay were 10 mM sodium acetate (pH 4.0-5.5) (cross), 10 mM 2-(N-morpholino)ethanesulfonic acid (MES)-NaOH (pH 5.5-7.0) (open triangle), 10 mM Tris-HCl (pH 7.0-9.0) (open circle), and N-cyclohexyl-3-aminopropanesulfonic acid (CAPS)-NaOH (pH 9.0-11.0) (open square). Experiments were carried out at least twice and the average values are shown together with the errors.

**Figure S2.** Metal ion dependency of LC11-RNase H1. The enzymatic activity of LC11-RNase H1 were determined at 37°C in 10 mM Tris-HCl (pH 8.5) containing various concentrations of MgCl₂ (closed circle), MnCl₂ (open circle), CuCl₂ (closed triangle), ZnCl₂ (open triangle), CoCl₂ (closed square), NiCl₂ (open square), and CaCl₂ (cross) using M13 DNA/RNA hybrid as a substrate. Experiments were carried out at least twice and the average values are shown together with the errors.