Supplementary figure legends

Figure S1. The interaction between labeled SibC and unlabeled *ibsC* mRNA. The RNase V1 cleavage levels in Fig. 6, lanes 1 and 3 are denoted on the secondary structure model of SibC by the thickness of the arrows.

Figure S2. The interaction between labeled SibC and unlabeled *ibsC* mRNA. The RNase T1 cleavage levels in Fig. 6, lanes 5 and 7 are denoted as in Fig. S1.

Figure S3. The interaction between labeled SibC and unlabeled *ibsC* mRNA. The lead(II) cleavage levels in Fig. 6, lanes 9 and 11 are denoted as in Fig. S1.

Figure S4. The interaction between labeled SibC and unlabeled *ibsC* mRNA. The RNase III cleavage levels in Fig. 6, lanes 13 and 15 are denoted as in Fig. S1.

Figure S5. The interaction between labeled *ibsC* mRNA and unlabeled Sib*C* RNA. The RNase V1 cleavage levels in Fig. 7, lanes 1 and 3 are denoted on the secondary structure model of *ibsC* mRNA by the thickness of the arrows.

Figure S6. The interaction between labeled *ibsC* mRNA and unlabeled Sib*C* RNA. The RNase T1 cleavage levels in Fig. 7, lanes 5 and 7 are denoted as in Fig. S5.

Figure S7. The interaction between labeled *ibsC* mRNA and unlabeled Sib*C* RNA. The lead(II) cleavage levels in Fig. 7, lanes 9 and 11 are denoted as in Fig. S5.

Figure S8. The interaction between labeled *ibsC* mRNA and unlabeled Sib*C* RNA. The RNase III cleavage levels in Fig. 7, lanes 13 and 15 are denoted as in Fig. S5.

Figure S9. Time course of the interactions between SibC and *ibsC* mRNA. Structural probing data in Fig. 7 were compared for zero time, 1 sec, and 360 sec. The RNase V1 cleavage levels are denoted on the secondary structure model of *ibsC* mRNA by the thickness of the arrows

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Figure S10. Comparison of five Sib RNA sequences. (A) A comparison of sequences in all five Sib RNAs. (B) A pair-wise comparison of two Sib RNAs among five Sib RNAs. The similarities between them are shown in the left.

SibC

RNase V1

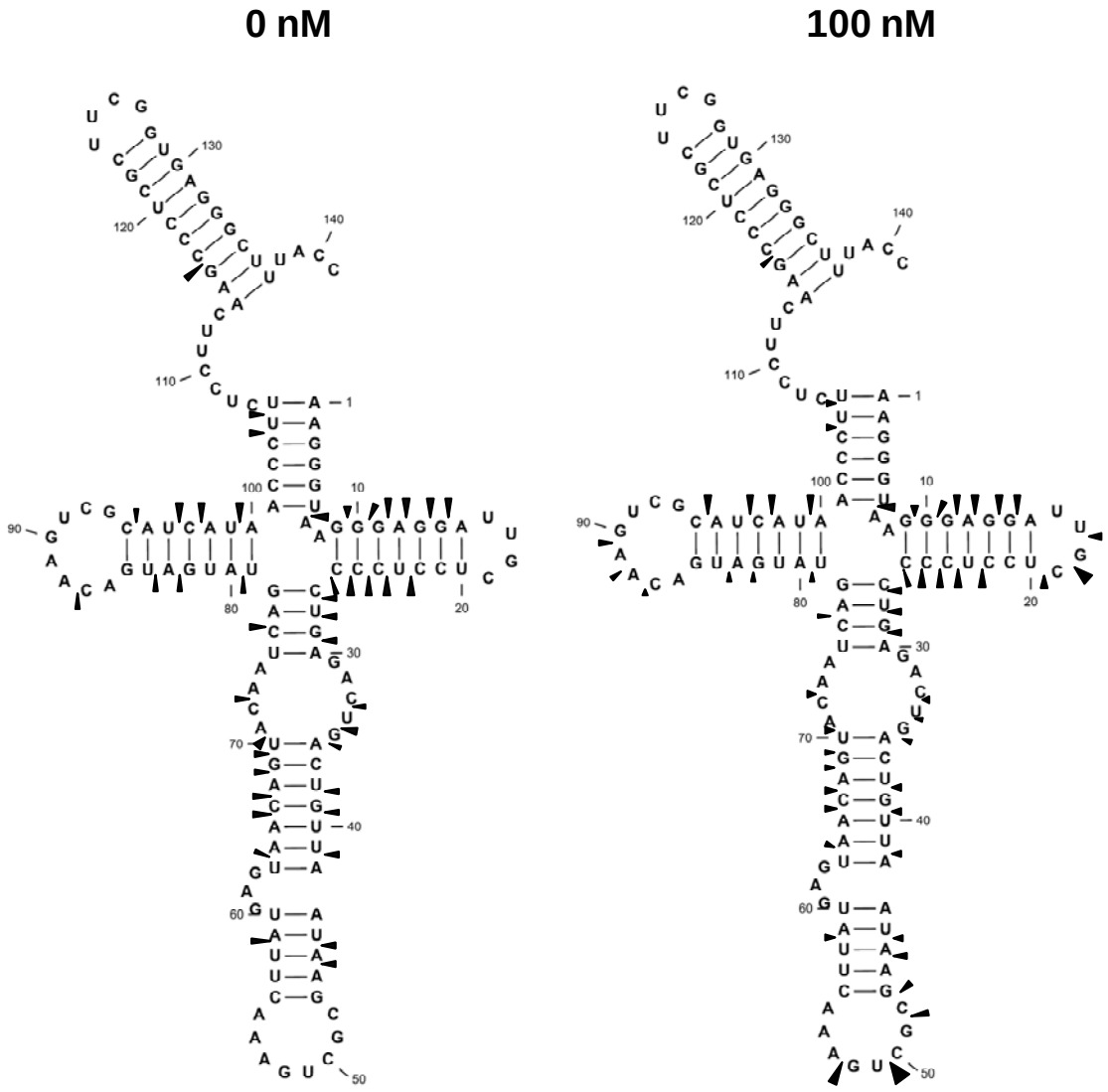

Fig. S1 (Han et al.)

SibC

RNase T1

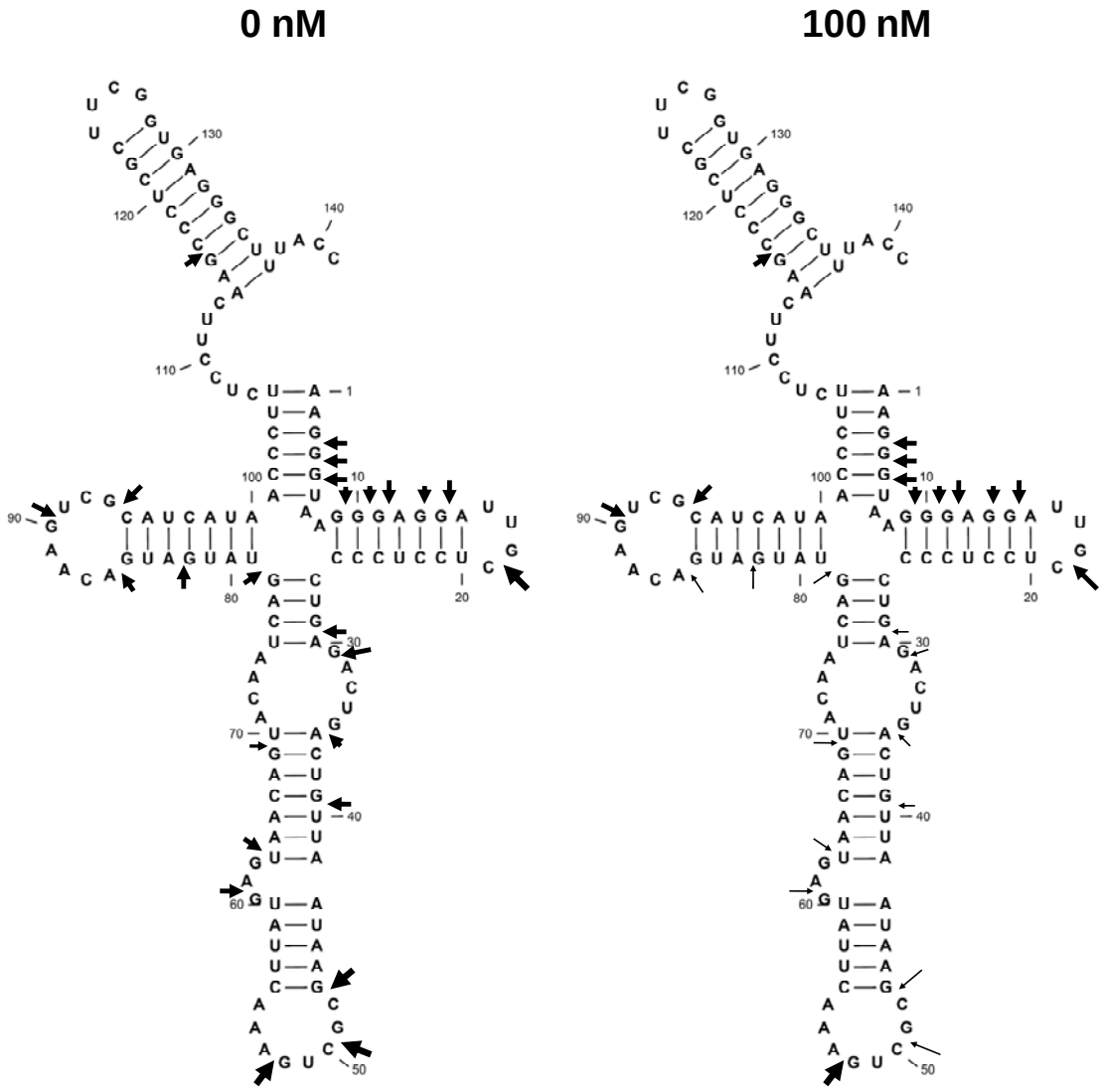

Fig. S2 (Han et al.)

SibC

Pb(II)

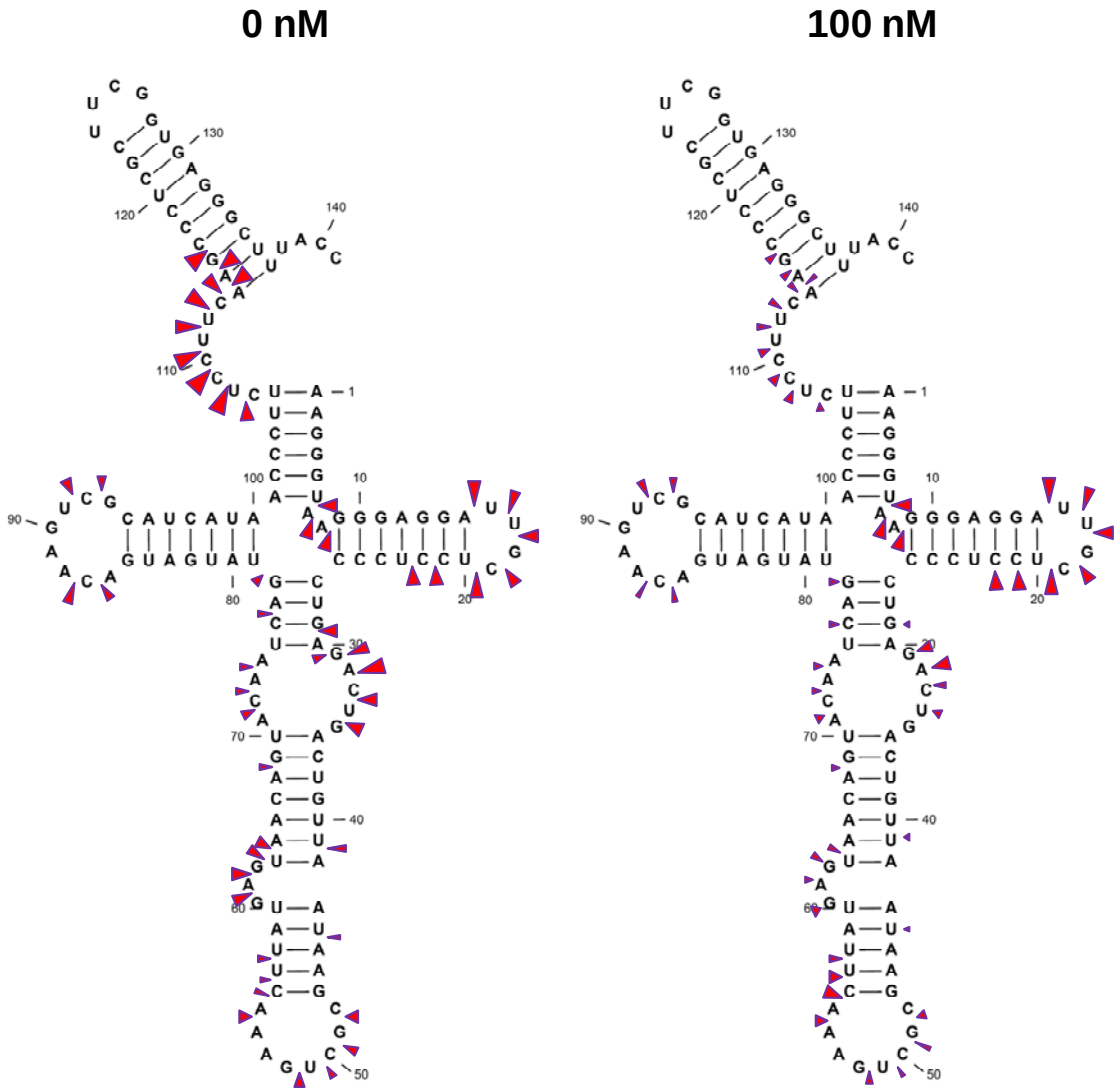

Fig. S3 (Han et al.)

SibC

RNase III

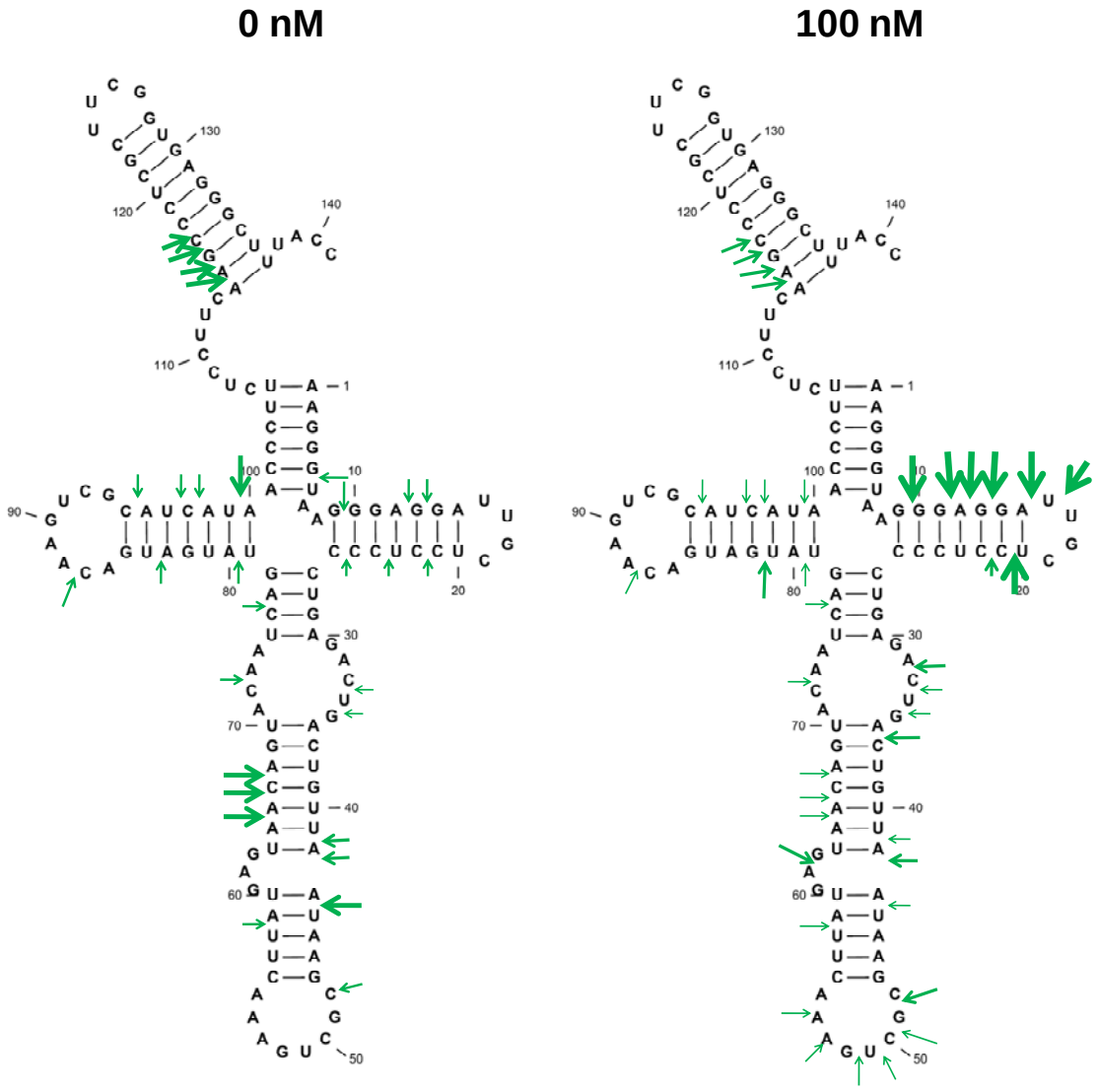

Fig. S4 (Han et al.)

ibsC

RNase V1

0 nM **100 nM**

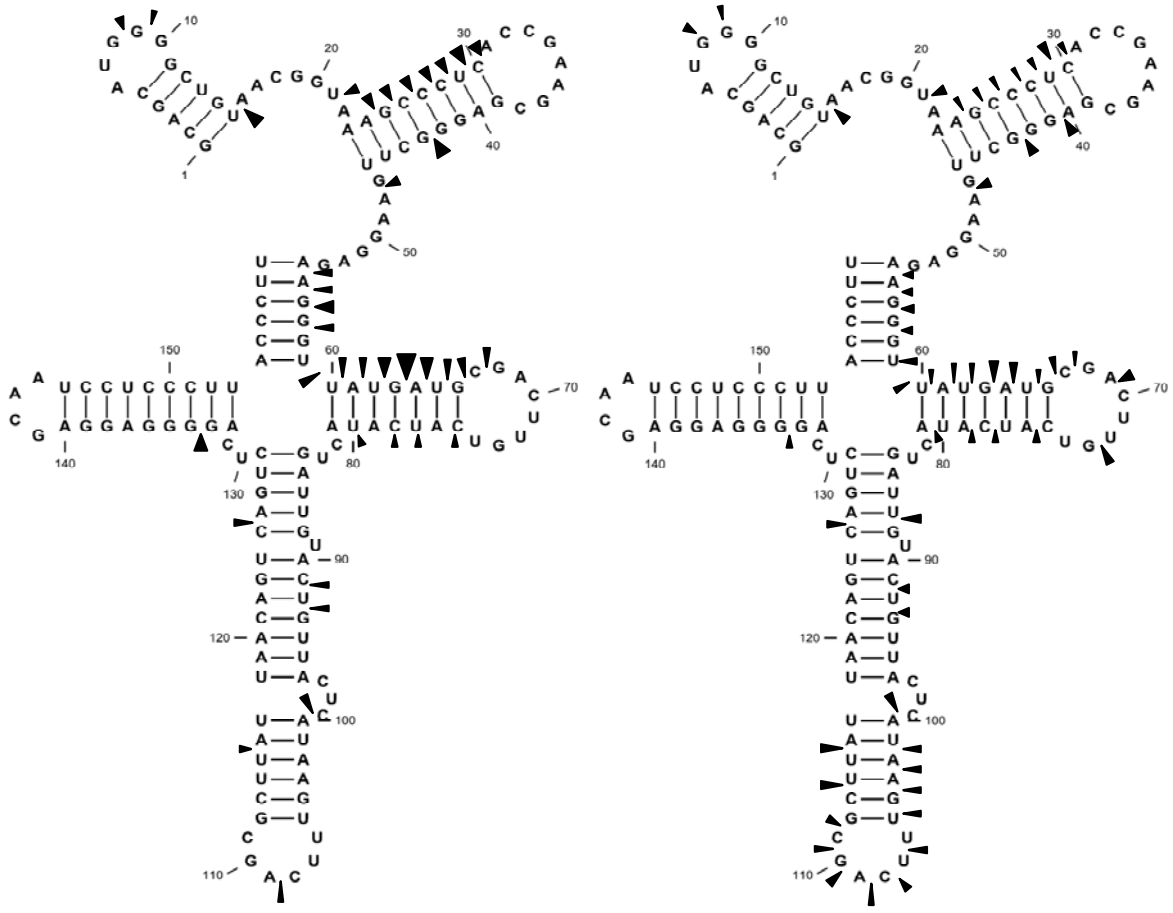

Fig. S5 (Han et al.)

ibsC

RNase T1

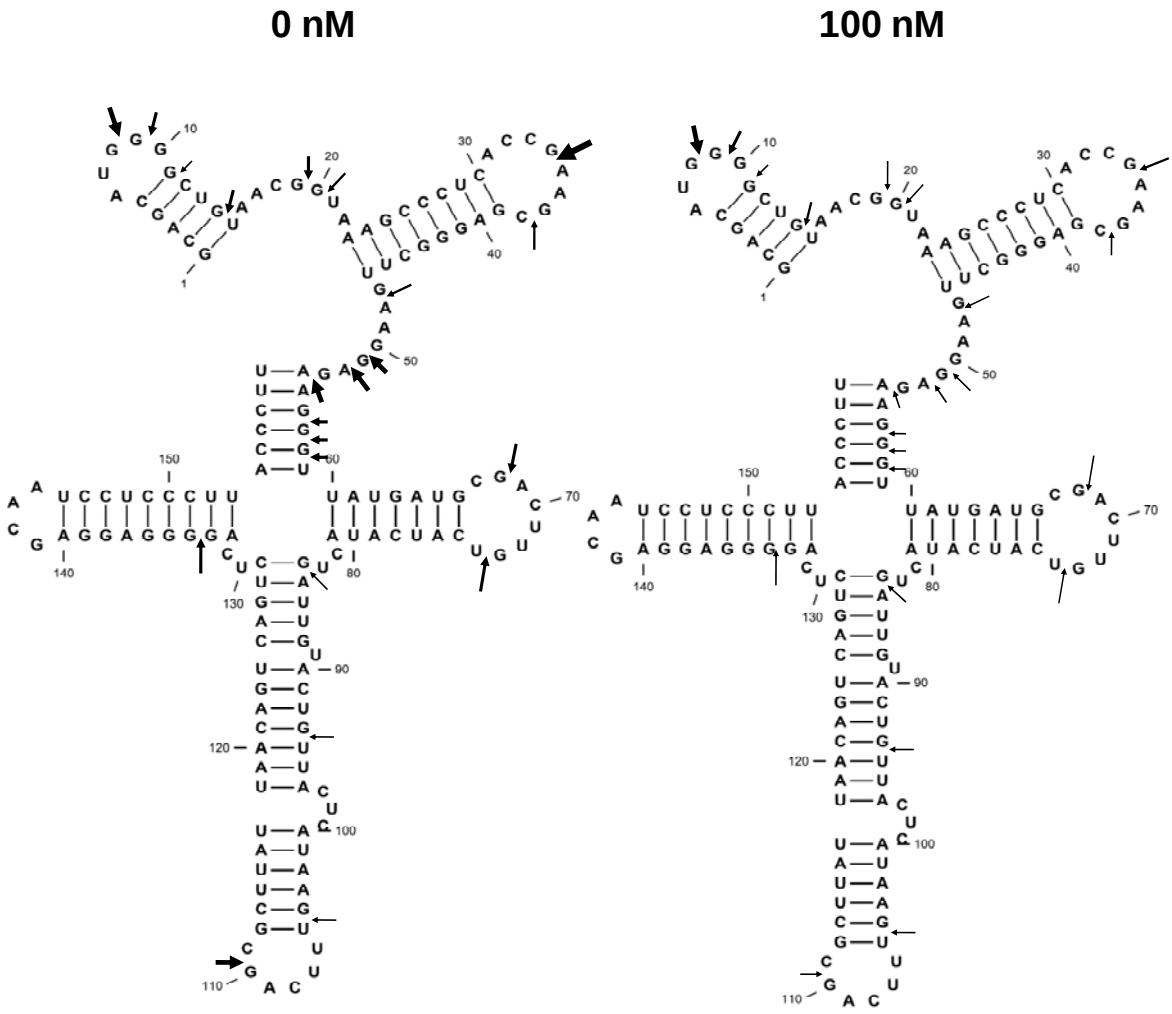

Fig. S6 (Han et al.)

ibsC

Pb(II)

0 nM **100 nM**

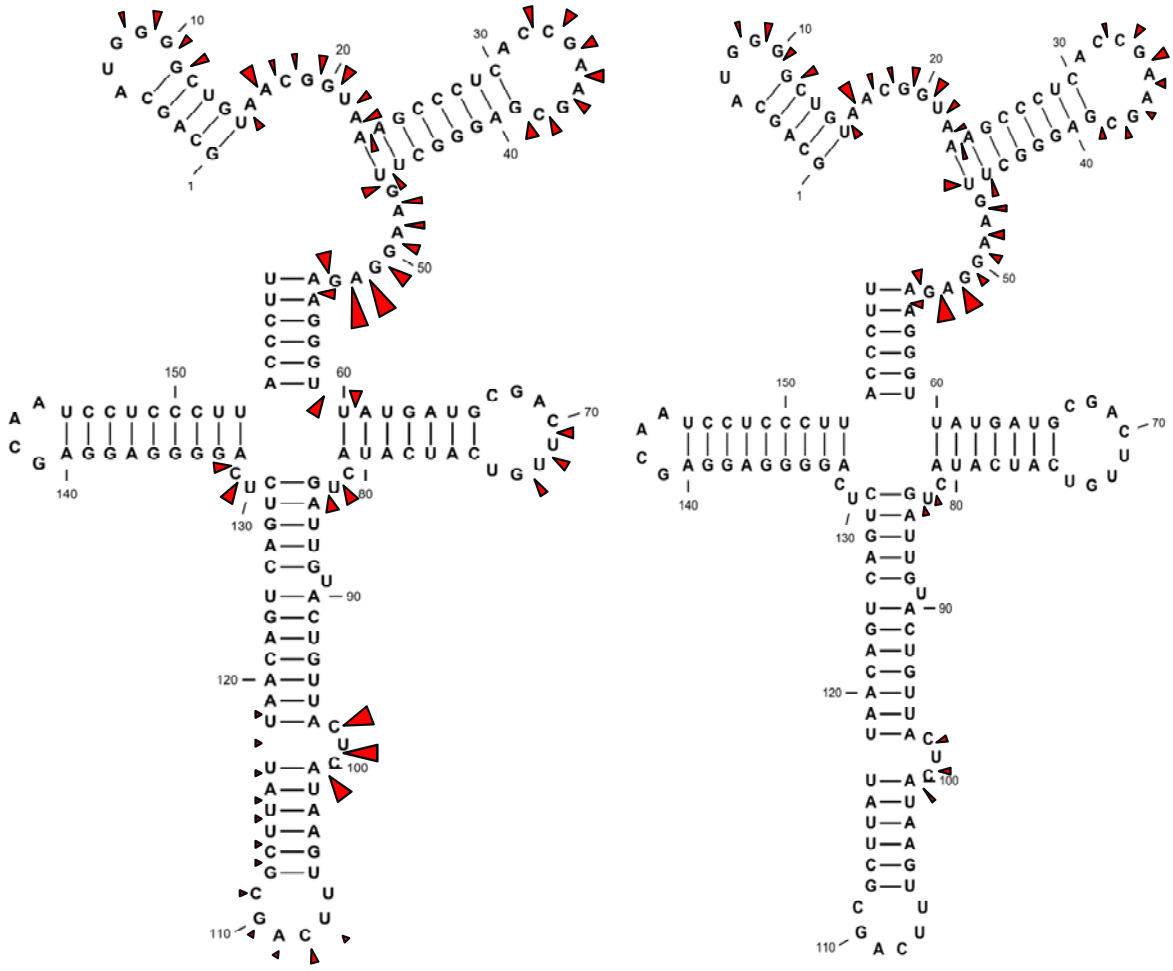

Fig. S7 (Han et al.)

ibsC

RNase III

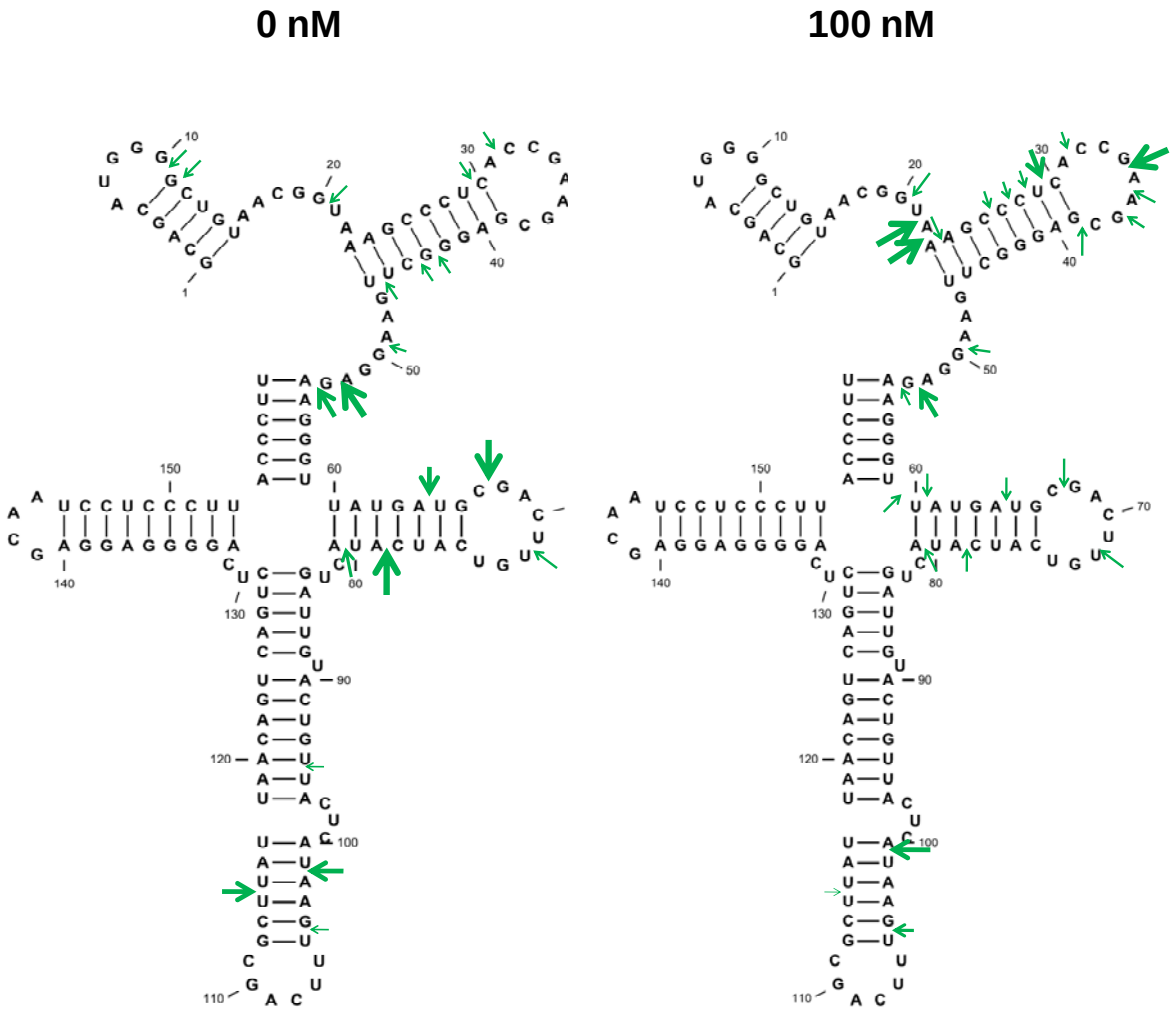

Fig. S8 (Han et al.)

ibsC

RNase V1

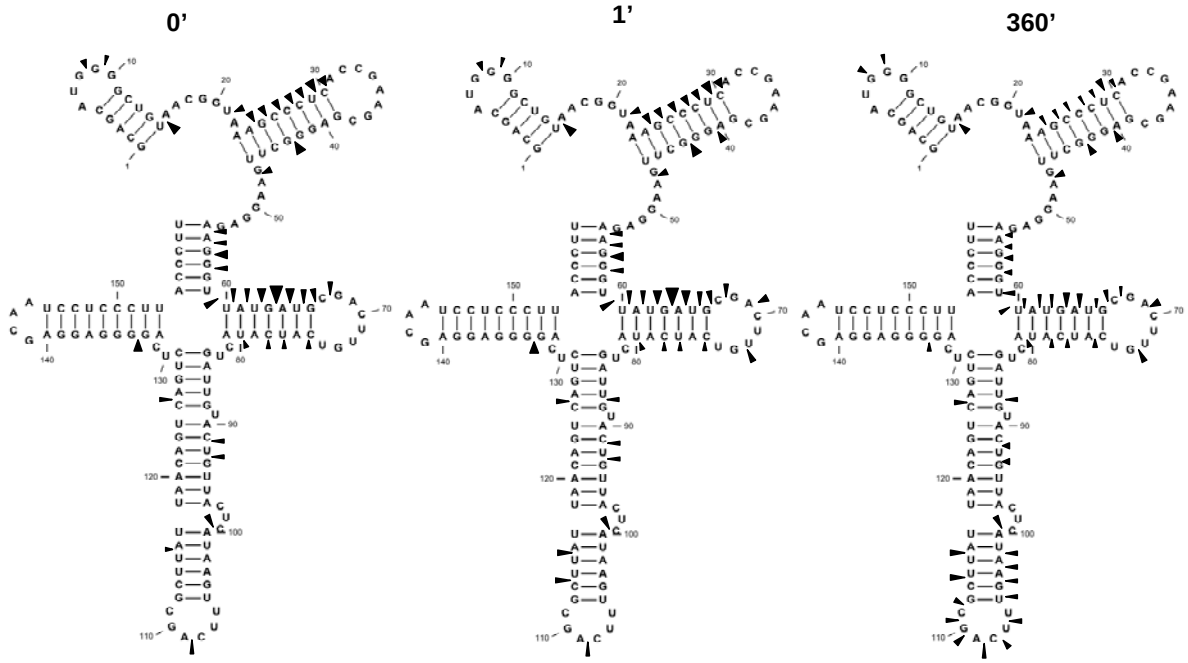

Fig. S9 (Han et al.)

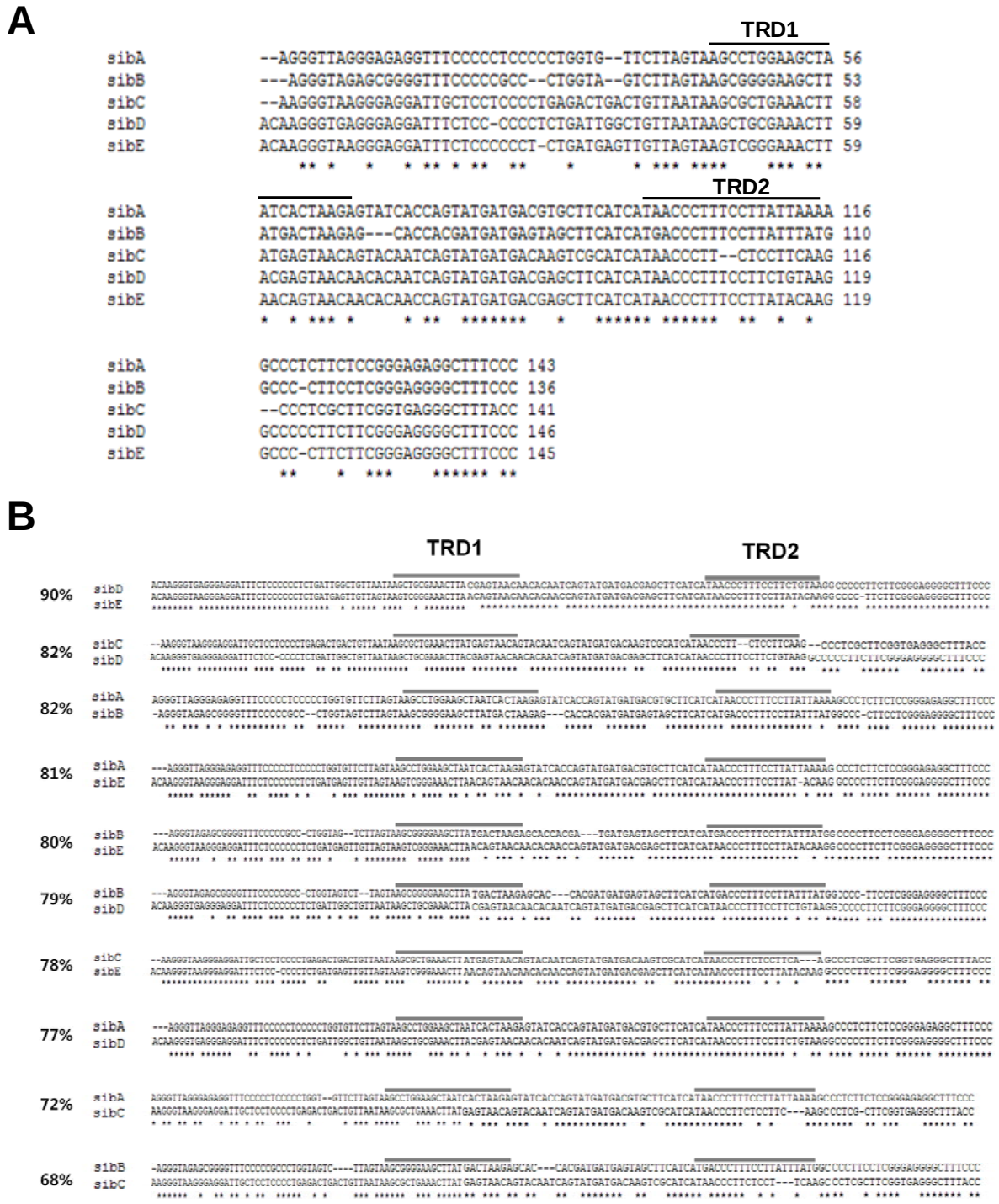

Fig. S10 (Han et al.)