

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Oligonucleotides used in this study.

File Name: Supplementary Data 2

Description: Calibration curves for LC-MS/MS analysis.

File Name: Supplementary Data 3

Description: 15-30 nt sRNA-OHs identified by TANT-seq in mouse liver or Hepa 1-6 cells.

File Name: Supplementary Data 4

Description: 15-30 nt sRNA-cPs identified by TANT-seq in mouse liver or Hepa 1-6 cells.

File Name: Supplementary Data 5

Description: 15-30 nt sRNA-OHs identified by TANT-seq in human Hep G2 cells.

File Name: Supplementary Data 6

Description: 15-30 nt sRNA-cPs identified by TANT-seq in human Hep G2 cells.

File Name: Supplementary Data 7

Description: Top 5000 15-30 nt Ago2-binding sRNA-OHs identified by TANT-seq in Hepa 1-6 cells.

File Name: Supplementary Data 8

Description: Top 5000 15-30 nt Ago2-binding sRNA-cPs identified by TANT-seq in Hepa 1-6 cells.

File Name: Supplementary Data 9

Description: Top 5000 15-30 nt Ago2-binding sRNA-OHs identified by TANT-seq in human 293T cells.

File Name: Supplementary Data 10

Description: Top 5000 15-30 nt Ago2-binding sRNA-cPs identified by TANT-seq in human 293T cells.

File Name: Supplementary Data 11

Description: 3'UTR luciferase reporter plasmids constructed in this study.