

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Primary data (Fold change and p-values) of genes identified in microarray experiment shown in Figure 1b.

File Name: Supplementary Data 2

Description: Demography of TAA patients from which aneurysm samples were obtained.

File Name: Supplementary Data 3

Description: Genes identified in CLIP-Seq experiment shown in Figure 3c.

File Name: Supplementary Data 4

Description: Ingenuity Pathway analysis of transcripts identified in CLIP-Seq presented in Figure 3c.

File Name: Supplementary Data 5

Description: Prediction of MALAT1 interaction with proteins using RPISeq program.

File Name: Supplementary Data 6

Description: Raw data from mouse echocardiograms plotted in Figure 6.

File Name: Supplementary Data 7

Description: List of materials and reagents used in study including antibodies, primer sequences, probe sequences, and commercial RNAi probes.