

Description of Additional Supplementary Files

Supplementary Dataset 1: MSA Profile of currently characterized gDtr-Type pAgo proteins and VbAgo-DM as shown in supplementary figures 1a and 11b.

Supplementary Dataset 2: Percent Identity Matrix Profile of amino acid sequence similarity of currently characterized gDtr-Type pAgo proteins as shown in supplementary figure 1a.

Supplementary Dataset 3: MSA Profile of some representative prokaryotic and eukaryotic Argonaute proteins as shown in supplementary figure 11a.