## **Description of Additional Supplementary Files**

Supplementary Data 1 (related to Fig. 2): Analysis of sequential RIP-sequencing (seqRIP-seq) data. Shown are the features reproducibly enriched upon sequential immunoprecipitations of Mmi1 and Mei2 from biological duplicates.

## Supplementary Data 2 (related to Fig. 3): Analysis of RNA-sequencing data.

Shown are the up-regulated and down-regulated genes in  $mot2\Delta$ ,  $mamRNA\Delta$  and  $mot2\Delta$   $mamRNA\Delta$  cells relative to the wt strain, and the associated p-values.