## **Description of Additional Supplementary Files**

File name: Supplementary Data 1

**Description:** Summary of RNA-seq analysis.

File name: Supplementary Data 2

**Description:** Potential off-target editing sites having one to three mismatches with AtrpoA editing

site.

**File name:** Supplementary Data 3

**Description:** RNA editing analysis of DYW:KP protein variants in bacterial and human cells.

File name: Supplementary Data 4

**Description:** The source data behind the graphs depicting the editing efficiency of the KP proteins on

AtrpoA in the paper.