

## Description of Additional Supplementary Files

**File Name:** Supplementary Data 1

**Description:** The Supplementary Data 1 shows the difference genes varied greater than 2.0-fold variation ( $p < 0.05$  by random permutation test) between wild type and *Mettl3*<sup>Mut/-</sup> HeLa cells

**File Name:** Supplementary Data 2

**Description:** The Supplementary Data 2 shows the overlap of genes among which were involved in glucose metabolism, varied greater than 2.0-fold variation ( $p < 0.05$  by random permutation test) between wild type and *Mettl3*<sup>Mut/-</sup> HeLa cells , and modified by m<sup>6</sup>A in HeLa cells modification is more than 3 times greater than that in the input.