S4 Fig

**A** new mRNA variant

|   | +/+ | +/+ | k/k | H₂O | M | +/+ | +/+ | k/k | H₂O |
|---|-----|-----|-----|-----|---|-----|-----|-----|-----|
| 30 cycles (not part of Fig 2C) |     |     |     |     |   |     |     |     |     |
| 33 cycles (part of Fig 2C)    |     |     |     |     |   |     |     |     |     |

**B** wt splicing

**C** alternative splicing

**D** Anti-Jmjd1c

|   | +/+ | +/+ | d/d | d/d | M | +/+ | +/+ | d/d | d/d |
|---|-----|-----|-----|-----|---|-----|-----|-----|-----|
| unrelated experiments            |     |     |     |     |   |     |     |     |     |
| part of Fig 3B                   |     |     |     |     |   |     |     |     |     |

**E** Anti-Beta-Actin

**F** k-PCR

**G** wt-PCR + d-PCR