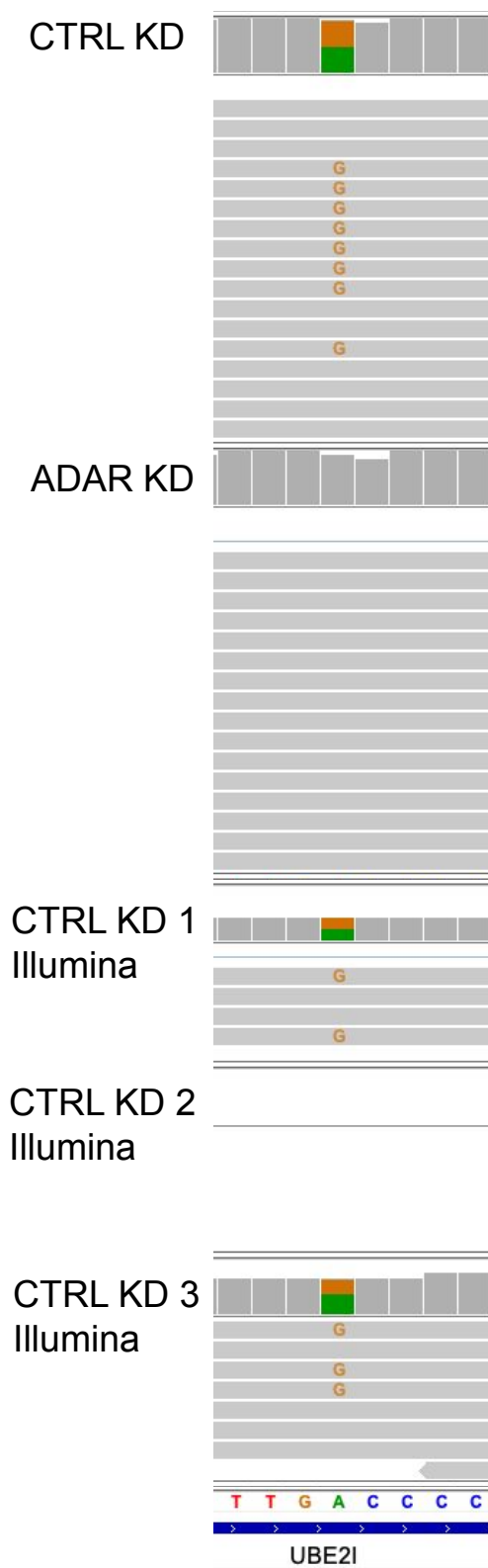


# SFig 1



**Supplemental Figure 1 | Example of novel A-to-I editing found with nanopore data.** IGV shots of nanopore and Illumina data aligned to hg38. There were no reads aligning to *UBE2I* in the second Illumina CTRL KD replicate.

## Supplementary Table 2

| Gene Set Name                               | p-value  | FDR q-value |
|---|----------|-------------|
| DNA metabolic process                       | 2.75E-13 | 4.27E-09    |
| DNA repair                                  | 2.21E-11 | 1.72E-07    |
| Cellular response to DNA damage stimulus    | 1.80E-10 | 9.34E-07    |
| Cellular response to stress                 | 3.39E-10 | 1.32E-06    |
| Chromosome                                  | 1.45E-09 | 4.49E-06    |
| Cell cycle                                  | 3.27E-09 | 8.47E-06    |
| Transferase complex                         | 7.38E-09 | 1.62E-05    |
| Catalytic complex                           | 8.34E-09 | 1.62E-05    |
| Small molecule metabolic process            | 6.89E-08 | 1.19E-04    |
| Cellular macromolecule biosynthetic process | 1.72E-07 | 2.67E-04    |

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**Supplementary Table 2 | GO terms associated with haplotype-specific transcripts found in hybrid castaneus x 129 mouse data.**