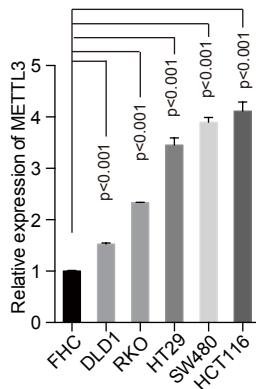


Figure S1

a**b**

HCT116 WT

Sequence alignment of WT HCT116 genomic DNA. A red line indicates the sgRNA target site at position 101.

```

+1 D A P A T Q D G V E S L L Q K F A A Q E L I E V K R G L L Q D D A H
 1 GATGCTCCTG CCACTCAAGA TGGGGTAGAA AGCCTCCTGC AGAACGTTGC AGCTCAGGAG TTGATTGAGG TAAAGCGAGG TCTCCTACAA GATGATGCAC
 101 CTACGAGGAC GGTGAGTTCT ACCCCATCTT TCGGAGGACG TCTTCAAACG TCGAGTCCTC AACTAACTCC ATTCGCTCC AGAGGATGTT CTACTACGTG
+1 ?H P T L V T Y A D H S K L S A M M G A V A E K K G P G E
 101 ATCCTACTCT TGTAACCTAT GCTGACCATT CCAAGCTCTC TGCCATGATG GGTGCTGTGG CAGAAAAAGAA GGGCCCTGGG GAG
  TAGGATGAGA ACATTGGATA CGACTGGTAA GGTCGAGAG ACGGTACTAC CCACGACACC GTCTTTCTT CCCGGGACCC CTC
  
```

sgRNA

HCT116 METTL3-KO

Sequence alignment of METTL3-KO HCT116 genomic DNA. A red circle highlights a frameshift mutation at position 101.

```

+1 D A P A T Q D G V E S L L Q K F A A Q E L I E V K R G L L Q D D A H
 1 GATGCTCCTG CCACTCAAGA TGGGGTAGAA AGCCTCCTGC AGAACGTTGC AGCTCAGGAG TTGATTGAGG TAAAGCGAGG TCTCCTACAA GATGATGCAC
 101 CTACGAGGAC GGTGAGTTCT ACCCCATCTT TCGGAGGACG TCTTCAAACG TCGAGTCCTC AACTAACTCC ATTCGCTCC AGAGGATGTT CTACTACGTG
+1 ?H P T L V T Y A D H S K L S A M M G A V A E K M * V C P T H H I A F?
 101 ATCCTACTCT TGTAACCTAT GCTGACCATT CCAAGCTCTC TGCCATGATG GGTGCTGTGG CAGAAAAAAT GTAAGTGTGT CCTACCCACC ATATTGCTTT
  TAGGATGAGA ACATTGGATA CGACTGGTAA GGTCGAGAG ACGGTACTAC CCACGACACC GTCTTTTTA CATTCACACA GGATGGTGG TATAACGAAA
+1 ?F V V S V I I M C V * V Y R L P K L R L V M F M W T Y L S V H K A L
 201 CGTGGTGTCA GTAATAATTAA TGTTGTGTTA GGTATATAGA CTACCCAAAT TACGGCTAGT CATGTTCATG TGGACCTACC TGAGTGTGCA CAAGGCTTTA
  GCACACAGT CATTATTAAT ACACACAAAT CCATATATCT GATGGGTTA ATGCCGATCA GTACAAGTAC ACCTGGATGG ACTCACACGT GTCCCGAAAT
+1 E V I L T P Q L Q R R A L G
 301 GAGGTTCATTC TTACTCCTCA GCTACAGAGA AAGGGCCCTGG GGAG
  CTCCAGTAAG AATGAGGAGT CGATGTCTT TCCCAGGACCC CCTC
  
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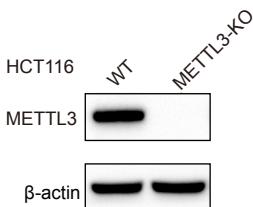
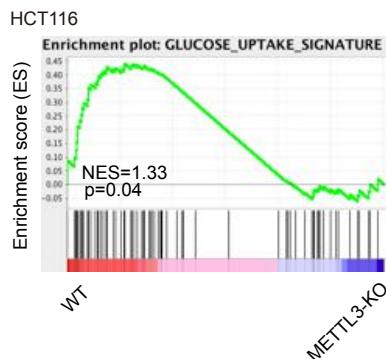
c**d**

Figure S2

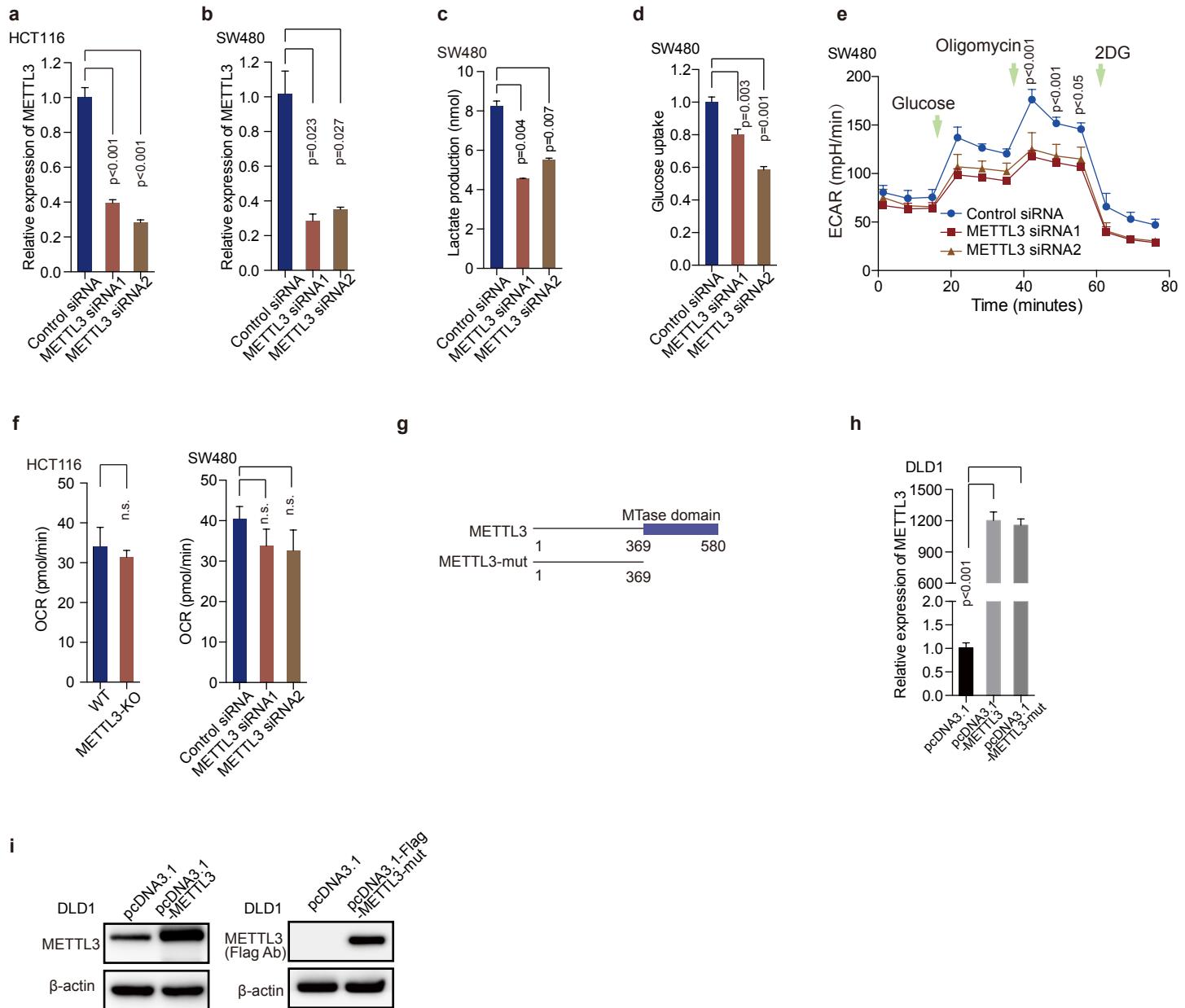


Figure S3

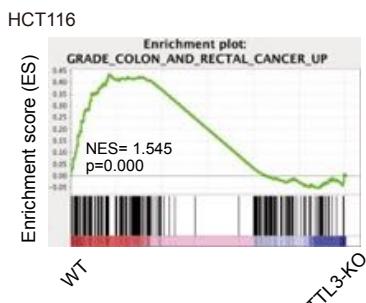
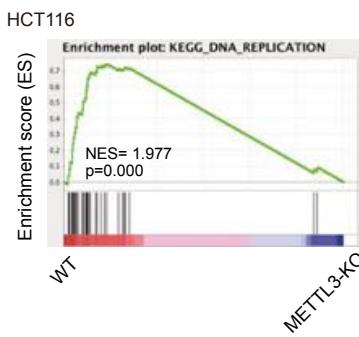
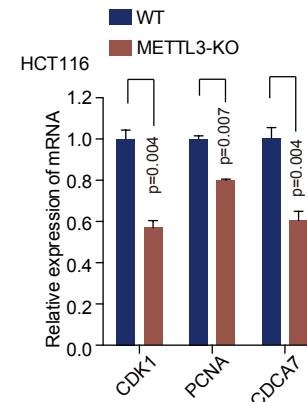
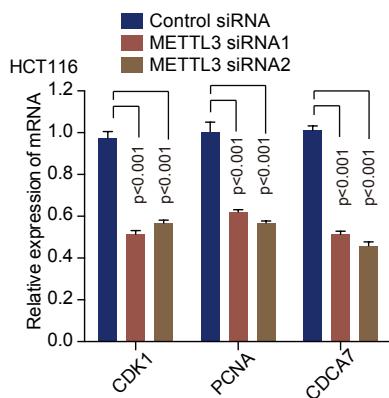
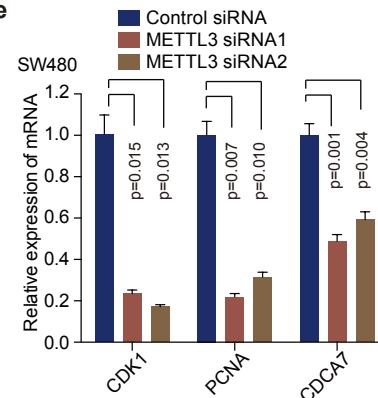
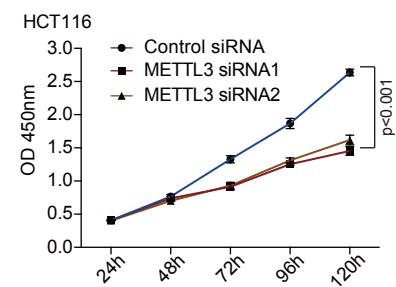
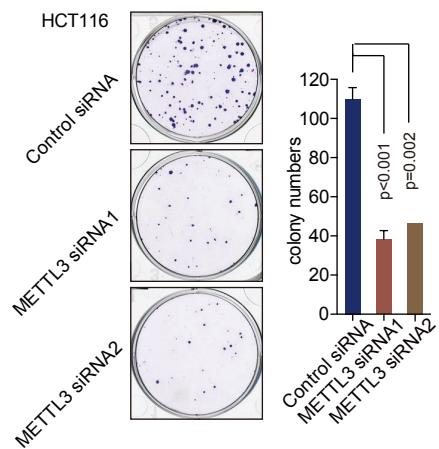
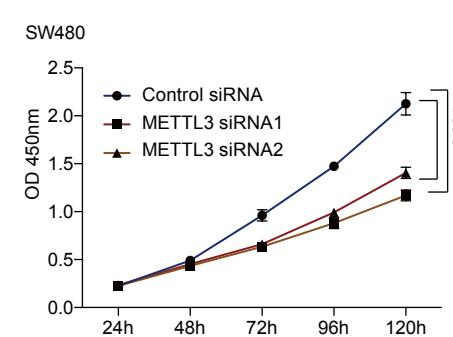
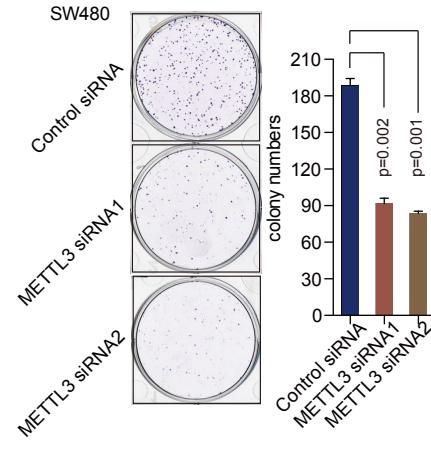
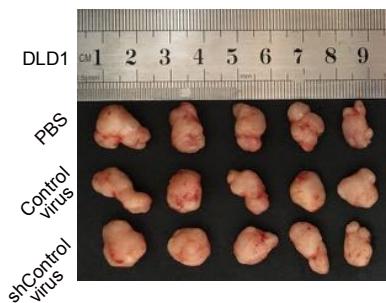
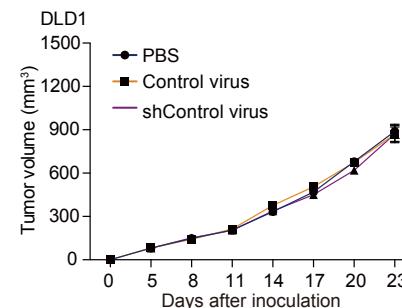
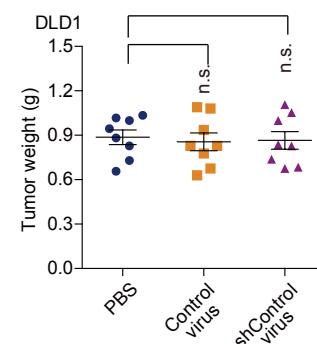
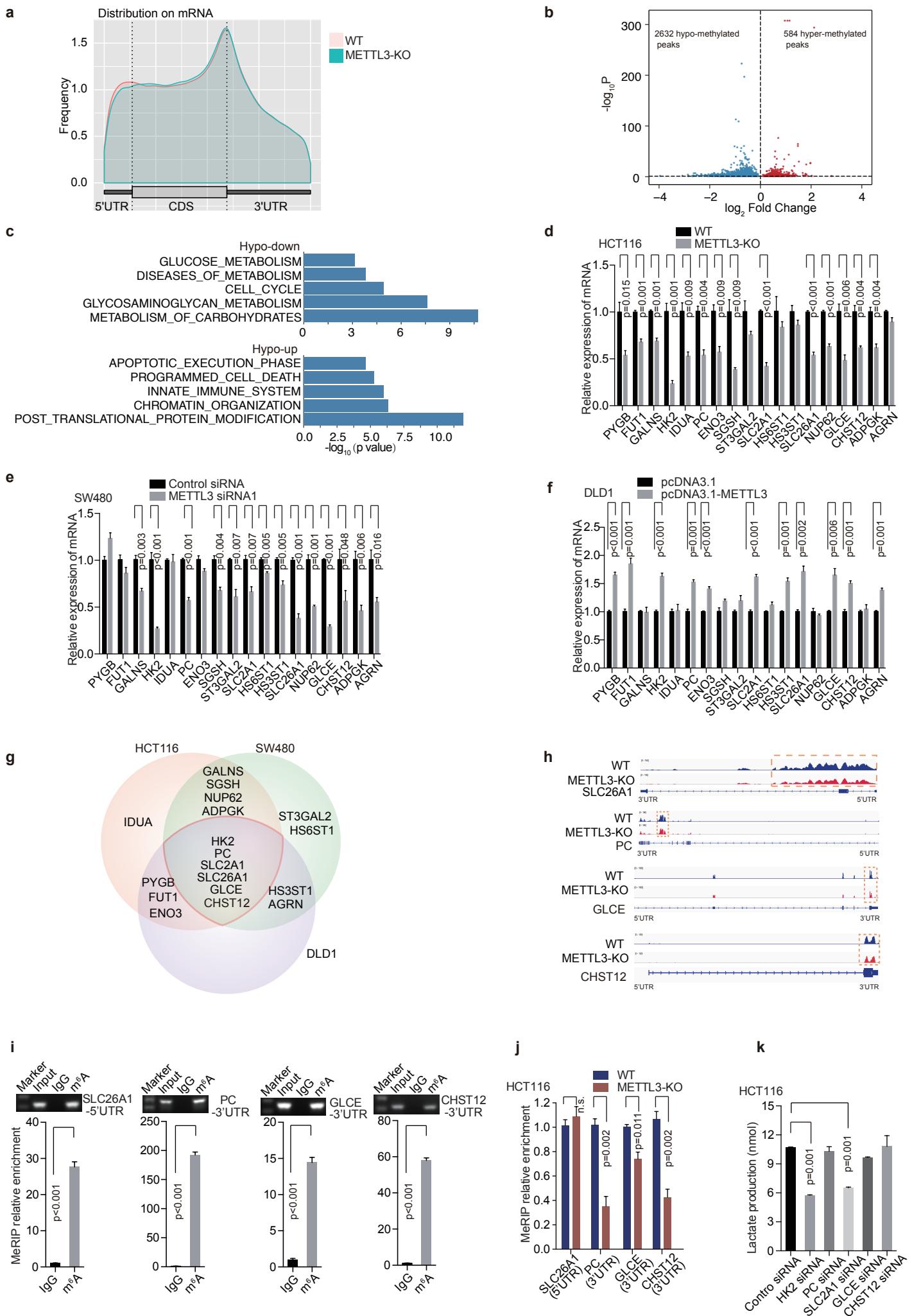
a**b****c****d****e****f****g****h****i****j****k****l**

Figure S4



I

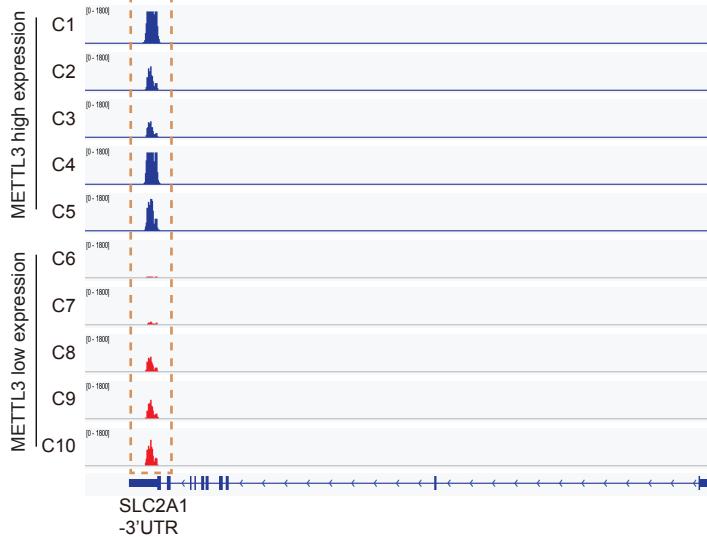
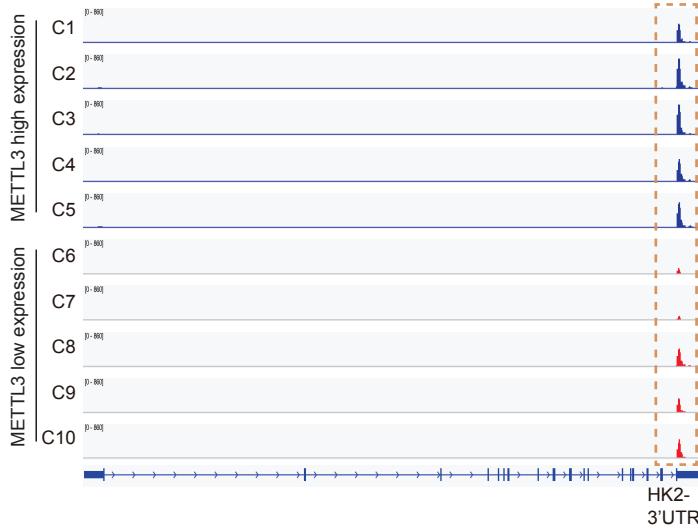
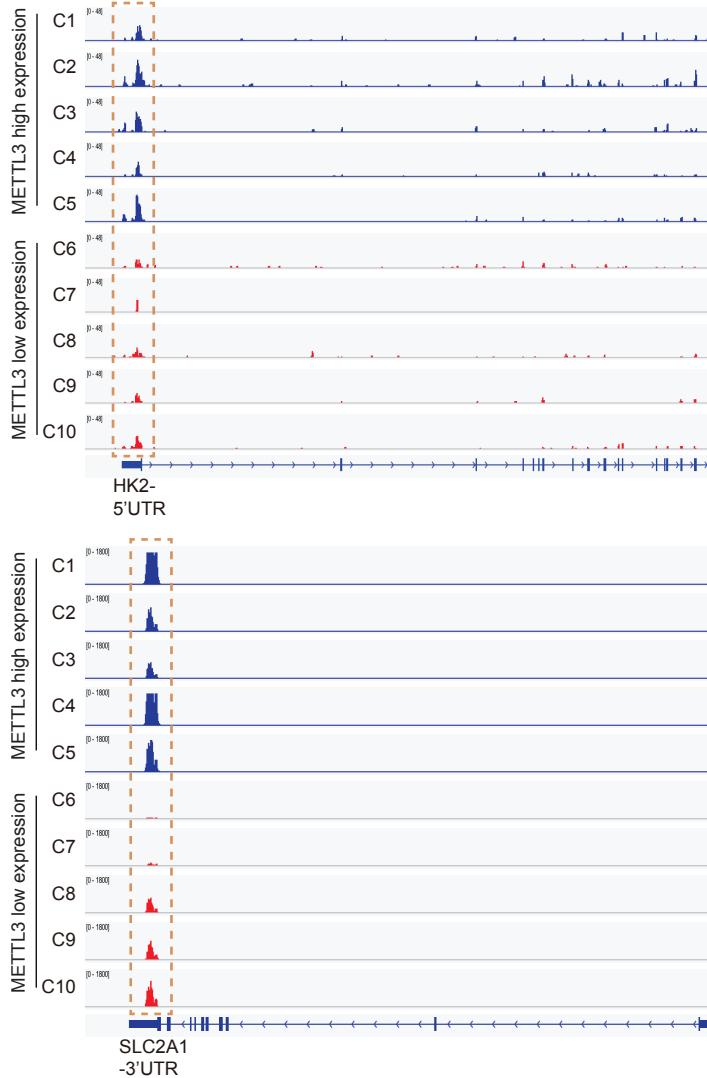


Figure S5

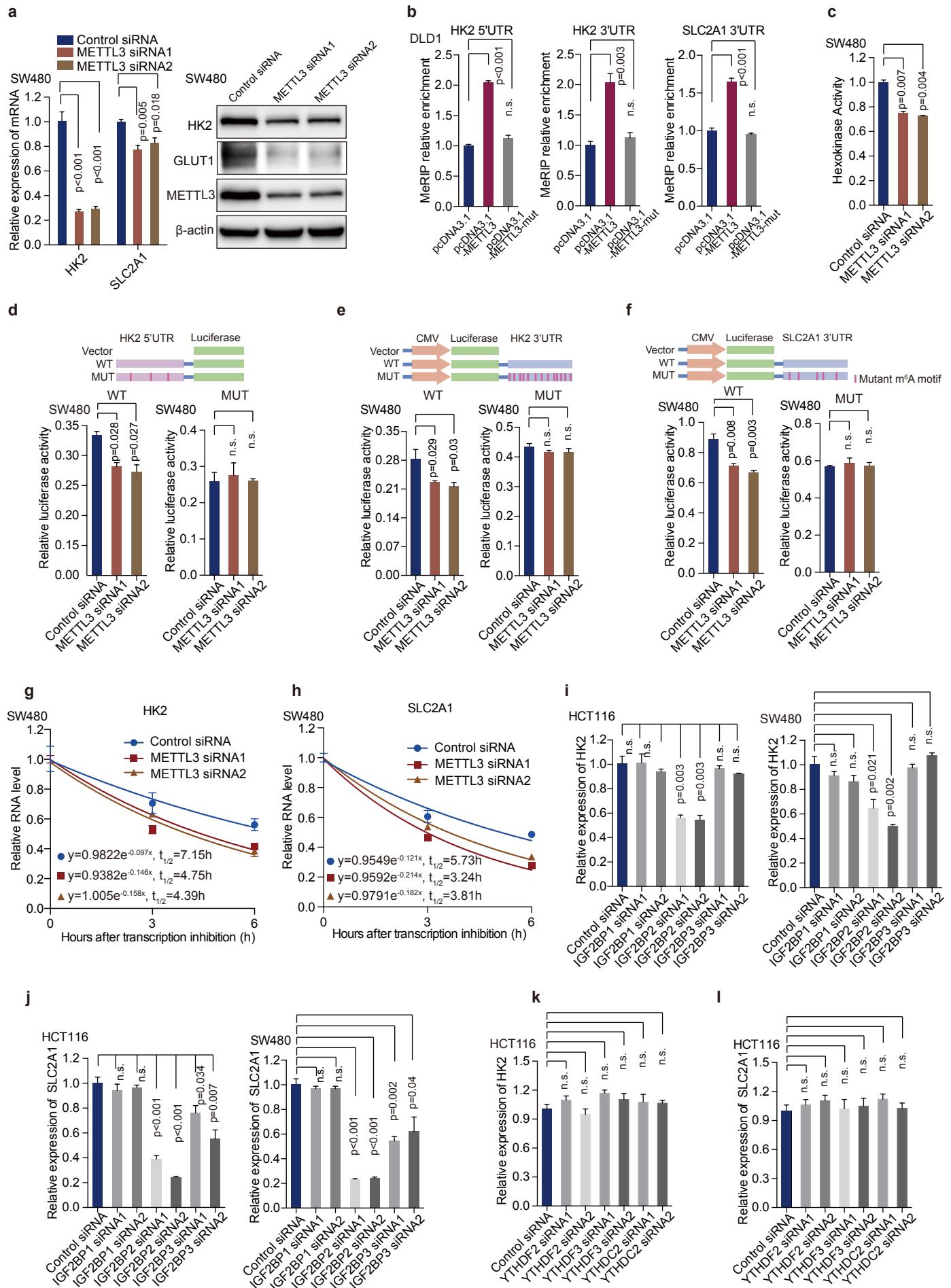


Figure S6

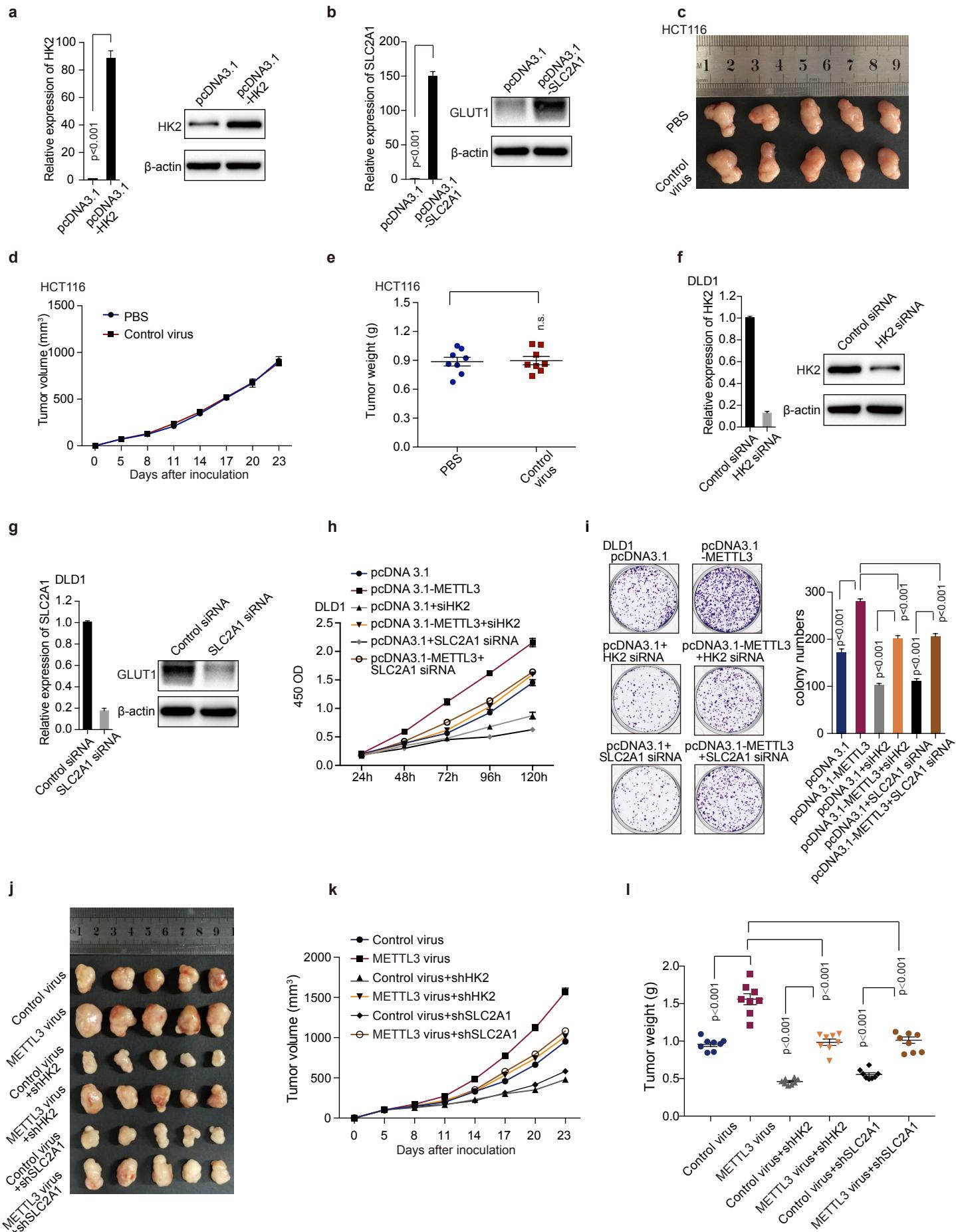


Figure S7

