

Figure S1

A Expression of MELK in CESC based on patient's race from TCGA-CESE project.

B Expression of MELK in CESC based on patient's weight from TCGA-CESE project.

C Expression of MELK in CESC based on patient's age (years) from TCGA-CESE project.

D Bioinformatics analysis indicates that E2F1 is likely to be the upstream transcription factor of MELK in cervical cancer. E2F1 peaks at the promoter of MELK (chr9:36,569,218-36,579,655).

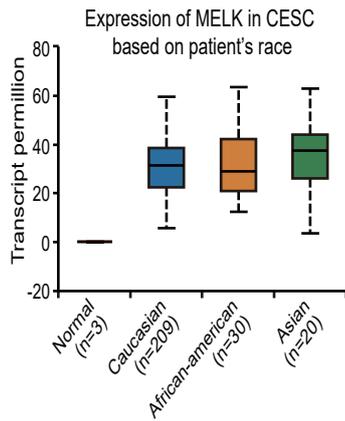
Figure S2

A Viability of C33A cells 24 hours posttreatment with MELK-8A. Cell viability in a dose-dependent manner 24 hours posttreatment. DMSO was used as a control.

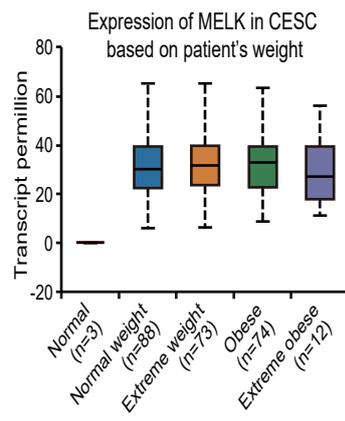
B Effect of MELK kinase activity on proliferation after 5 μ M MELK-8A inhibition. The cell viability of SiHa and C33A cells treated with MELK-8A was measured every 24 hours for 72 hours using the CCK8 cell proliferation assay kit. * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$ and **** $P < 0.0001$ compared to control.

Figure S1

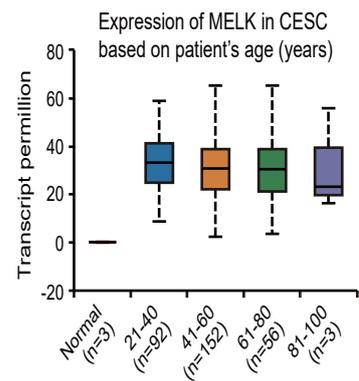
A



B



C



D

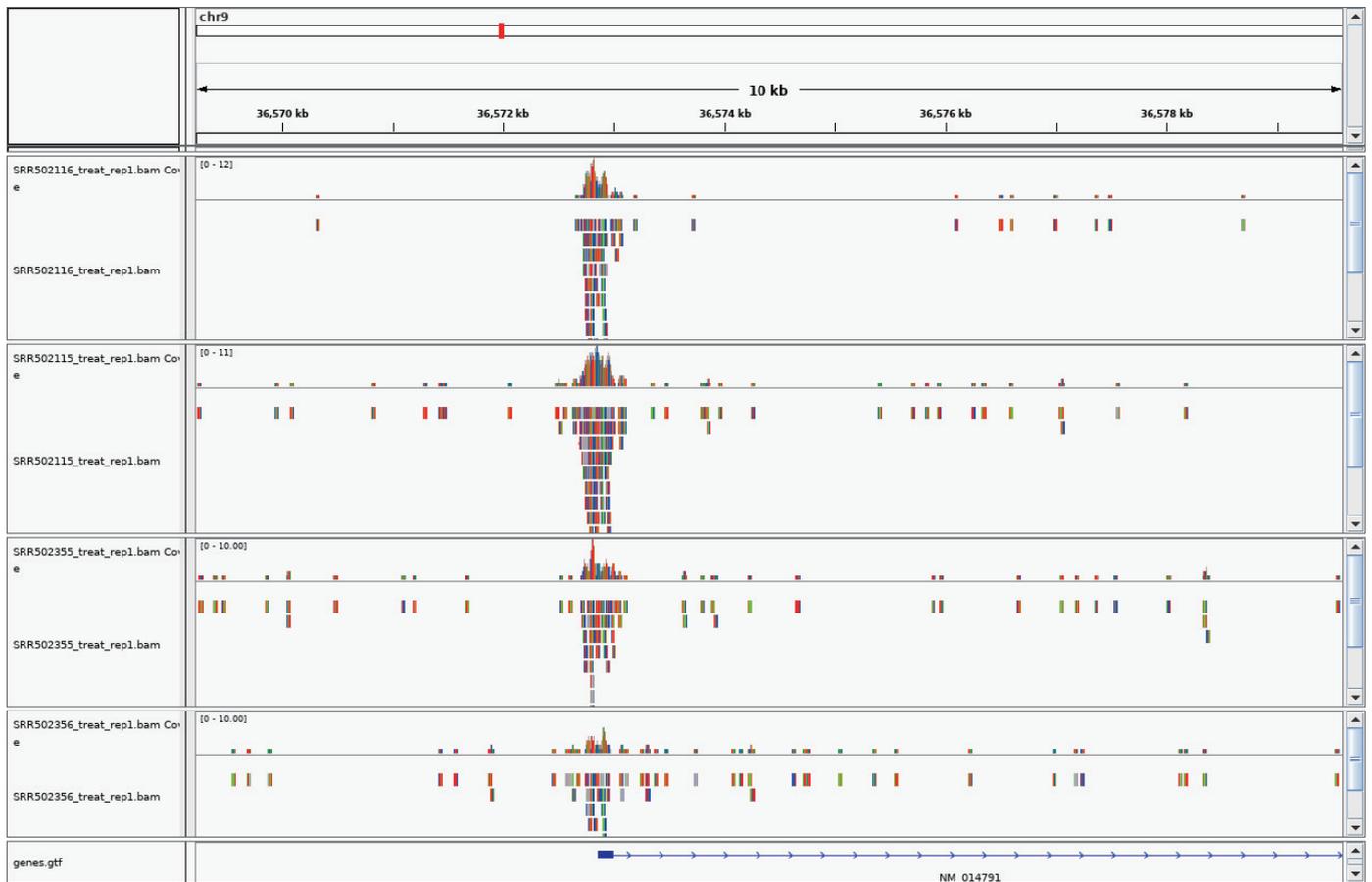
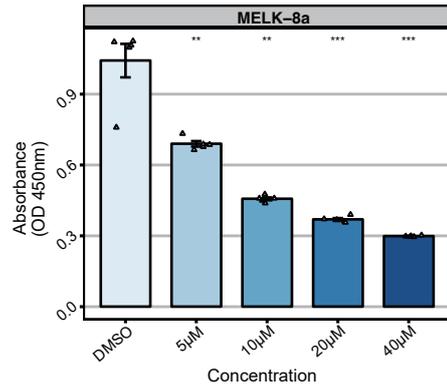


Figure S2

A



C

