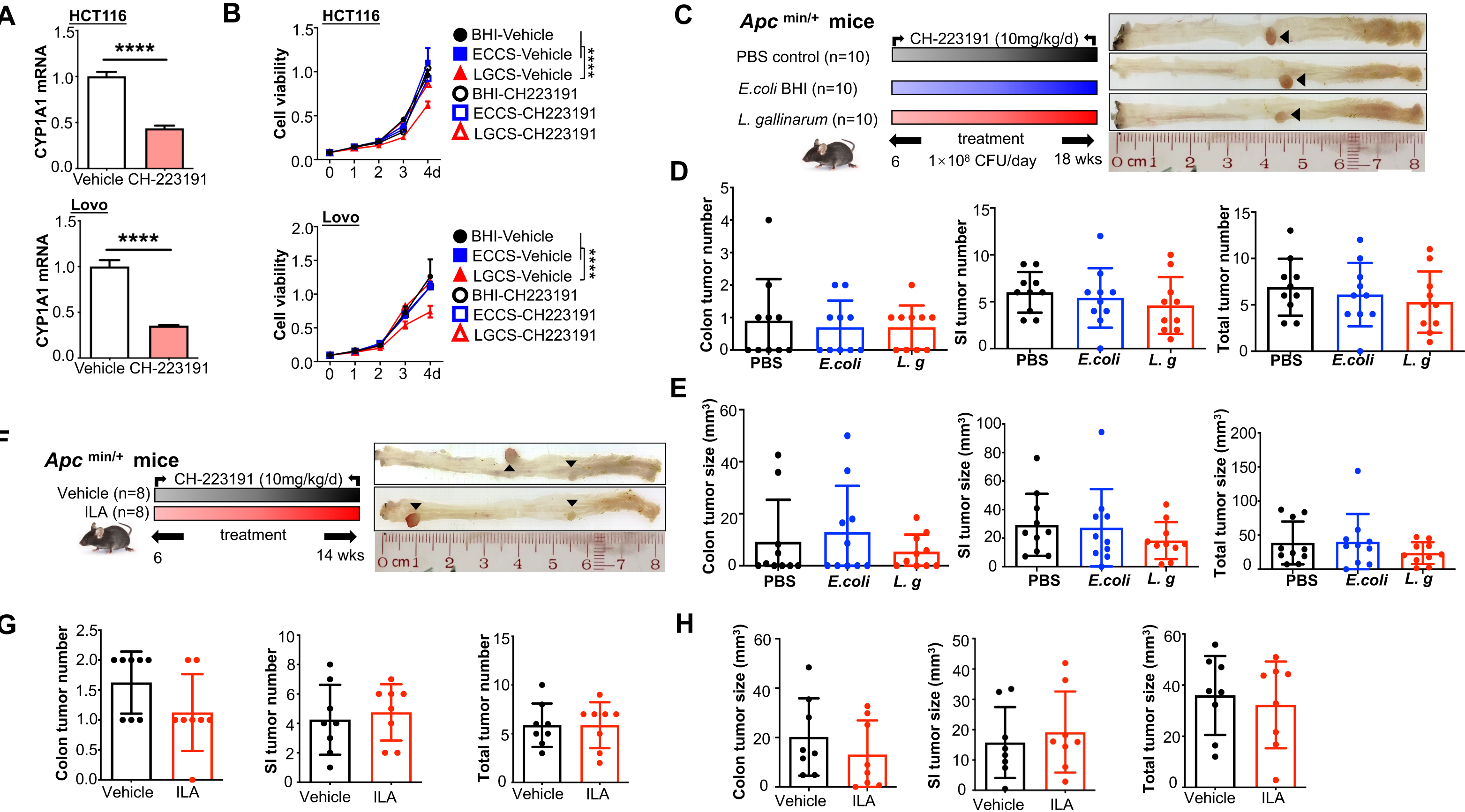


Figure S6



Supplementary Figure 6. Aryl hydrocarbon receptor (AhR) specific antagonist (CH-223191) partially abolishes the tumor-suppressive effect of *L. gallinarum* and ILA. (A) The transcription of AhR was significantly suppressed by CH-223191 (100nM). (B) Pre-treat CRC cells with CH-223191 (100nM) for 12 hours abolished the anti-proliferation effect of LGCS. (C) Schematic diagram showing the experimental design, timeline and representative macroscopic images of colons from female *Apc*^{Min/+} mouse model. (D) Colon, small intestinal and total tumor number (colon + small intestinal) in female *Apc*^{Min/+} mice under different treatments. (E) Colon, small intestinal and total tumor size (colon + small intestinal) in female *Apc*^{Min/+} mice under different treatments. (F) Schematic diagram showing the experimental design, timeline and representative macroscopic images of colons from male *Apc*^{Min/+} mouse model. (G) Colon, small intestinal and total tumor number (colon + small intestinal) in male *Apc*^{Min/+} mice under different treatments. (H) Colon, small intestinal and total tumor size (colon + small intestinal) in male *Apc*^{Min/+} mice under different treatments. Each black triangle indicates one tumor location. *P*-values are calculated by one-way ANOVA or two-way ANOVA where appropriate. *****p* < 0.001. *L.g.*, *L. gallinarum*; SI, small intestine; ILA, indole-3-lactic acid.