

Supplementary Figure Legends:

Sup Fig. 1: **Lineage tracing demonstrates that HCA originates from AAV-Cre-marked hepatocytes when carcinogenesis is induced by DEN and CCl₄ treatment.** Serial sections of a representative HCA stained for H&E, Opn, AFP, Sox9, YFP/EpCAM, Yap1, and CK19. Dotted lines indicate tumor margins. Box indicates the area of shown in the high-magnification images.

Sup Fig. 2: **Lineage tracing demonstrates that HCA originates from AAV-Cre-marked hepatocytes when carcinogenesis is induced by DEN and TCPOBOP treatment.** Serial sections of a representative HCA stained for H&E, Opn, AFP, YFP/Sox9, YFP/EpCAM, Yap1, and CK19 are shown. Dotted lines indicate the tumor margins. Box indicates the area of shown in the high-magnification images.

Sup Fig. 3: ***Foxl1*-Cre-marked HPCs are not tumor-initiating cells in the DEN/TCPOBOP hepatotoxin-induced HCA.** Serial sections of a representative HCA stained for H&E, Opn, AFP, YFP/Sox9, YFP/EpCAM, Yap1, and CK19. Dotted lines indicate tumor margins. Box indicates the area of shown in the high-magnification images.

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