

**Chronic Alcohol Consumption Promotes Diethylnitrosamine-Induced
Hepatocarcinogenesis via Immune Disturbances**

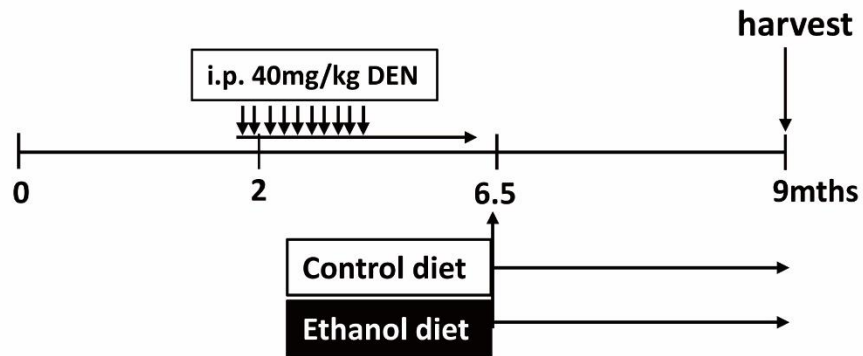
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Inventory of Supplementary Information

**Supplementary Figure 1. Protocol used for studying the promotion of DEN-
induced HCC by ethanol.**

Supplementary Table 1. Primer sequences for genes.

Protocol



Supplementary Figure 1. Protocol used for studying the promotion of DEN-induced HCC by ethanol. Male mice (approximately 2 months old) were weighed and injected with DEN (40 mg/kg body weight [BW] intraperitoneally [i.p.] dissolved in saline every 4 days for a total of 10 times. Then, mice (approximately 6.5 months old) were randomly divided into two groups: ethanol groups were fed a liquid diet containing 5% (V/V) ethanol for 2.5 months, whereas control groups were pair-fed a control diet for 2.5 months. Mice were weighed and sacrificed after 7 months of DEN treatment. The description in detail of experiment was seen in material and methods.

RT-PCR set	Forward primer	Reverse primer
Bcl-xl	TGAGCAGGTAGTGAATGAAC	TAGGTGGTCATTCAGATAGG
DGAT	TGGTGTGTGGTGATGCTGATC	GCCAGGCGCTTCTCAA
TIMP1	CTTGTTCCCTGGCGTACTC	ACCTGATCCGTCCACAAACAG
col1a1	GAAACCCGAGGTATGCTTGA	GACCAGGAGGACCAGGAAGT
MMP2	TTTGCTCGGGCCTTAAAAGTAT	CCATCAAACGGGTATCCATCTC
α -SMA	CTGACAGAGGCACCACTGAA	GAAGGAATAGCCACGCTCAG
GFAP	AGAAAACCGCATCACCATT	TCACATCACCACGTCTTGT
E-cadherin	ACTGTGAAGGGACGGTCAAC	GGAGCAGCAGGATCAGAATC
snail	CCACTGCAACCGTGCTTTT	TCTTCACATCCGAGTGGGTTT
MMP9	ACTCACACGACATCTTCCAG	AGAAGGAGCCCTAGTTCAAG
CD206	CAGGTGTGGGCTCAGGTAGT	TGTGGTGAGCTGAAAGGTGA
IL-4	AGATGGATGTGCCAAACGTCCTCA	AATATGCGAAGCACCTTGAAGCC
IL-10	GGTTGCCAAGCCTTATCGGA	ACCTGCTCCACTGCCTTGCT
TGF-beta 1	AAGTTGGCATGGTAGCCCTT	GCCCTGGATACCAACTATTGC
IL-12 p35	AAGACATCACACGGGACCAAAA	CAGGCAACTCTCGTTCTTGTGTA
IL-6	GATGCTACCAAACTGGATATAATC	GGTCCTTAGCCACTCCTTCTGTG
IL-17A	GCTCCAGAAGGCCCTCAGA	AGCTTCCCTCCGATTGA
CCL2	GTTGGCTCAGCCAGATGCA	AGCCTACTCATTGGGATCATCTTG
CCL22	ACTTCAGACCTCCGATGCA	TGTAGTCCTGGCAGCAGATACT
CXCL2	CTCTCAAGGGCGGTCAAAAAGTT	TCAGACAGCGAGGCACATCAGGTA

Supplementary Table 1. Primer sequences for genes.

Detailed primer information for the mouse genes analyzed by Q-PCR.