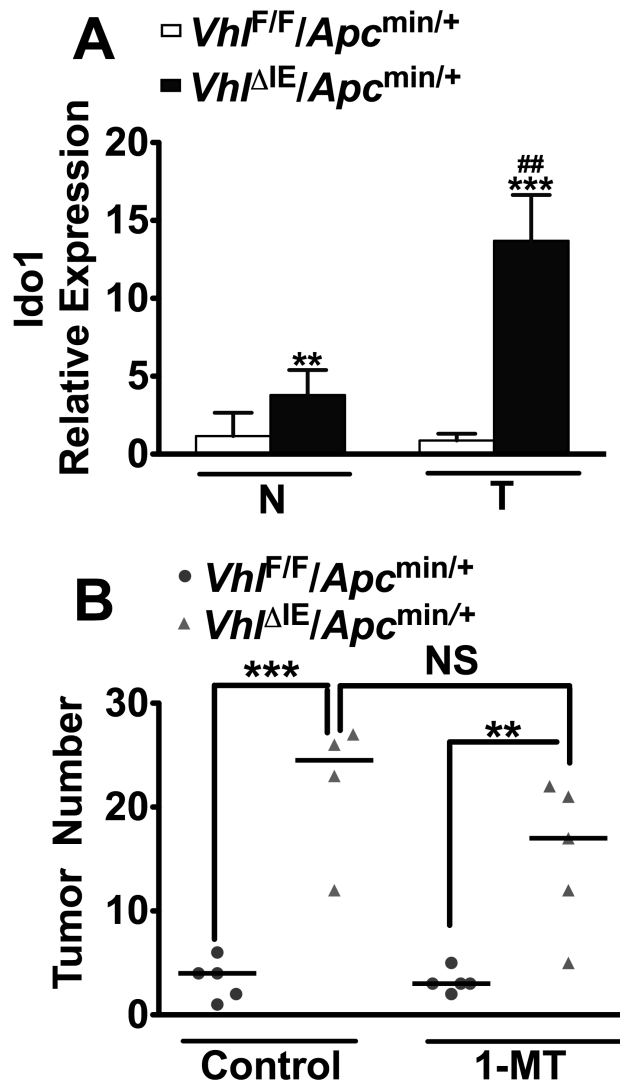


**Supplemental Table 1 Primers List**

<b>QPCR Primer</b>	<b>Sequence (5'-3')</b>
$\beta$ -actin F	TATTGGCAACGAGCGGTTCC
$\beta$ -actin R	GGCATAGAGGTCTTTACGGATGT
COX2 F	GGCGCAGTTTATGTTGTCTGT
COX2 R	CAAGACAGATCATAAGCGAGGA
IL-6 F	ACCAGAGGAAATTTTCAATAGGC
IL-6 R	TGATGCACTTGCAGAAAACA
IL-1 $\beta$ F	AAGAGCTTCAGGCAGGCAGTATCA
IL-1 $\beta$ R	TGCAGCTGTCTAGGAACGTCA
Ido1 F	GTGGGCAGCTTTTCAACTTC
Ido1 R	GGGCTTTGCTCTACCACATC
mPGES-1 F	ATGAGTACACGAAGCCGAGG
mPGES-1 R	CCAGTATTACAGGAGTGACCCAG
<b>ChIP-qPCR Primer</b>	<b>Sequence (5'-3')</b>
COX2 F	GCCGCTGCGGTTCTTG
COX2 R	CCAACCCCCACCAACTTTT
mPGES-1 F	GGCCACACATTAGCATAAATGC
mPGES-1 R	ACTGACCCATGCCACCTT
<b>Cloning Primer</b>	<b>Sequence (5'-3')</b>
mPGES-1 -668/+23 F	ACCAACGCGTGGCAGAACAAAACCATCATCAGC
mPGES-1 -300/+23 F	ACCAACGCGTGGTTCTCACGCTCTTTCGGAAG
mPGES-1 R	CCGCTCGAGCGGGAGTGAGACTGTC
mPGES-1 -300/+23 $\Delta$ HRE F	CTGAGCCAAGGATGGGGACACCTCCATTCC
mPGES-1 -300/+23 $\Delta$ HRE R	GGAATGGAGGTGTCCCCATCCTTGGCTCAG

## Supplemental Figure 1



**Supplemental Figure 1 Ido1 is not involved in HIF-2 $\alpha$ -mediated intestinal tumorigenesis.** (A) qPCR analysis of Ido1 in normal and tumor colon tissues from  $Vhl^{F/F}/Apc^{min/+}$  and  $Vhl^{\Delta IE}/Apc^{min/+}$  mice. Each bar represents the mean value  $\pm$  S.D. (n=4). Expression was normalized to  $\beta$ -actin. N, normal tissue; T, tumor tissue; \*\*p<0.01, \*\*\*p<0.001 versus  $Vhl^{F/F}/Apc^{min/+}$  mice; ###p<0.01 versus normal tissue. (B) Tumor numbers in the colon from  $Vhl^{F/F}/Apc^{min/+}$  (n=10), and  $Vhl^{\Delta IE}/Apc^{min/+}$  mice (n=9) treated with control or 1-MT for 2 months. \*\*p < 0.01, \*\*\*p < 0.001; NS, not significant.