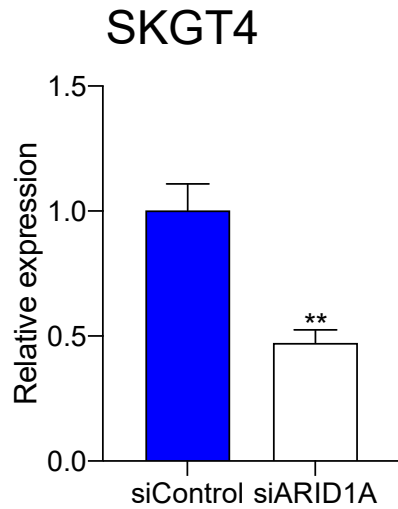
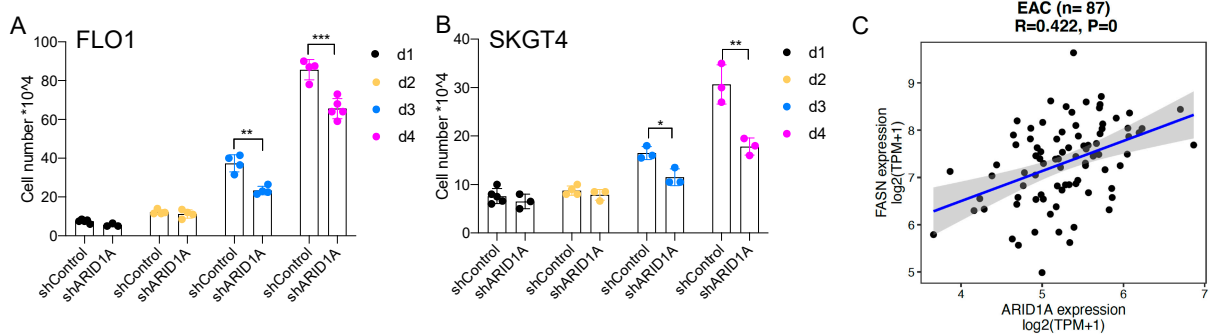


Supplement Figure S1. Western-blot of ARID1A in FLO1 and SKGT4 ARID1A-knockdown cells by shRNA.



Supplement Figure S2. The mRNA expression of ARID1A upon knockdown by siRNA in SKGT4 cells.



Supplement Figure S3. ARID1A knockdown inhibit cell proliferation in EAC. A-B) Cell proliferation of ARID1A knockdown and control by shRNA in A) FLO1 and B) SKGT4 from day 1 to day 4. C) The expression correlation between ARID1A and FASN in EAC based on TCGA data. Paired, 2-tailed *t* test: * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$.

Supplement Table S1. Real-time PCR Oligonucleotide Sequence.

Gene	Forward Primer Sequence	Reverse Primer Sequence
<i>Human</i>		
TBP	TGTATCCACAGTGAATCTTGGTTG	GGTTCGTGGCTCTCTTATCCTC
ARID1A	AAGCCACCAACTCCAGCATCCA	CGCTTCTGGAATGTGGAGTCAC
B2M	CCACTGAAAAAGATGAGTATGCCT	CCAATCCAAATGCGGCATCTTCA
BATF2	CACCAGCAGCACGAGTCTC	TGTGCGAGGCAAACAGGAG
BST2	CACACTGTGATGGCCCTAATG	GTCCGCGATTCTCACGCTT
CLL2	AGAATCACCAGCAGCAAGTGTCC	TCCTGAACCCACTTCTGCTTGG
CXCL9	CTGTTCTGCATCAGCACCAAC	TGAACTCCATTCTTCAGTGTAGCA
CXCL10	GGTGAGAAGAGATGTCTGAATCC	GTCCATCCTTGAAGCACTGCA
CTSS	TGGATCACCCTGGCATCTCTG	GCTCCAGGTTGTGAAGCATCAC
HSPA1A	GGCCTTGAGGACTTTGGGTTA	TGGGAATGCAAAGCACACG
IFITM2	ATGAACCACATTGTGCAAACCT	CGGAGTAGGCGAATGCTATGAA
IFITM3	ATGTCGTCTGGTCCCTGTTC	GTCATGAGGATGCCCAGAAT
IFI44	TTTTCGATGCGAAGATTCACTGG	CCTGATGCGTTACATGCCCTT
IFI44L	AGCCGTCAGGGATGTACTATAAC	AGGGAATCATTGCTCTGTAGA
IRF2	CATGCGGCTAGACATGGGTG	GCTTTCCTGTATGGATTGCC
IRF7	GCTGGACGTGACCATCATGTA	GGGCCGTATAGGAACGTGC
OASL	CCATTGTGCCTGCCTACAGAG	CTTCAGCTTAGTTGGCCGATG
STAT3	ACCAGCAGTATAGCCGCTTC	GCCACAATCCGGGCAATCT
PSMB8	CCTTACCTGCTTGGCACCATGT	TTGGAGGCTGCCGACACTGAAA
PSMB9	CGAGAGGACTTGTCTGCACATC	CACCAATGGCAAAGGCTGTGCG
PSMB10	GGACAAGAGCTGCGAGAAGATC	ATCTTGGACGCCACCATCCGTG
FASN	CCGAGACACTCGTGGGCTA	CTTCAGCAGGACATTGATGCC
SREBF1	GCCCCTGTAACGACCACTG	CAGCGAGTCTGCCTTGATG
MVD	TGAAGGACAGCAACCAGTTC	CAGGAGATGGCATTGAGGTAAG
SCD1	GCCCCTCTACTTGGAAGACGA	AAGTGATCCCATACAGGGCTC
SREBF2	AACGGTCATTACCCAGGTC	GGCTGAAGAATAGGAGTTGCC
<i>Mouse</i>		
TBP	CTACCGTGAATCTTGGCTGTAAAC	AATCAACGCAGTTGTCCGTGGC
ARID1A	GACCCCTCAGTCATCCAGTC	GAGTATGGGTTAGTCCCACCA
B2M	ACAGTTCCACCCGCCTCACATT	TAGAAAGACCAGTCCTTGCTGAAG
BST2	TGTTGCGGGTTACCTTAGTCA	ACCCGTCTCTACAGGCCAC
CCL2	GCTACAAGAGGATCACCAGCAG	GTCTGGACCCATTCTTCTTGG
CD74	AGATGCGGATGGCTACTCC	TCATGTTGCCGTAATTGGTAAC
CXCL9	CCTAGTGATAAGGAATGCACGATG	CTAGGCAGGTTTGATCTCCGTTT
CXCL10	ATCATCCCTGCGAGCCTATCCT	GACCTTTTTTGGCTAAACGCTTTC
CTSS	GCATAGAGGCAGACGCTTCCTA	CCACTGCTTCTTTCAGGGCATC
HSPA1A	TGGTGCAGTCCGACATGAAG	GCTGAGAGTCGTTGAAGTAGGC
PSMB8	CCTTACCTGCTTGGCACCATGT	TTGGATGCTGCAGACACGGAGA
PSMB9	TACCGTGAGGACTTGTTAGCGC	GGCTGTGCAATTAGCATCCCTC

PSMB10	TTCGGGTTTCCTCATGCACGCAA	TTTGTCCGCCACAACCGAATCG
FASN	AGGTGGTGATAGCCGGTATGT	TGGGTAATCCATAGAGCCCAG
SCD1	TTCTTGCGATACTCTGGTGC	CGGGATTGAATGTTCTTGTCGT