

CD40 signal rewires fatty acid and glutamine metabolism for stimulating macrophage anti-tumorigenic functions

In the format provided by the
authors and unedited

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Supplementary Table 1. Sequence for sgRNAs for CRISPR-based gene targeting

Gene name	sgRNA targeting sequence
Cpt1a sgRNA-1	GCGGAGATCGATGCCATCAG
Cpt1a sgRNA-2	GCCTGTCAGGGCTGCACTCC
LDHA sgRNA-1	CTCAGGCGGCTACACGTACA
LDHA sgRNA-2	CGGGGGCCCGTCAGCAAGAG
ACLY sgRNA-1	GCTTCGTCCCCCAGTCAGGCGG
ACLY sgRNA-2	GGACCAGTTAATCAAACGTCGAGG
GLS sgRNA-1	GAAAGTGCTAAAAAGCAGTC
GLS sgRNA-2	GGCGGTATGATGCGGCTGCG

Supplementary Table 2. Primer sequence for qPCR analysis

Gene name	Primer sequence for qPCR
Il1b-F	GCAACTGTTCTGAACTCAACT
Il1b-R	ATCTTTTGGGGTCCGTCAACT
Tnfa-F	ACGGCATGGATCTCAAAGAC
Tnfa-R	AGATAGCAAATCGGCTGACG
Il6-F	TAGTCCTTCCTACCCCAATTTCC
Il6-R	TTGGTCCTTAGCCACTCCTTC
IL12-F	AATGTCTGCGTGGAAGCTCA
IL12-R	ATGCCCACTTGCTGCATGA
actin-F	TCCATCATGAAGTGTGACGT
actin-R	TACTCCTGCTTGCTGATCCAC
Arg1-F	CTCCAAGCCAAAGTCCTTAGAG
Arg1-R	AGGAGCTGTCATTAGGGACATC
Mrc1-F	CTCTGTTTCTGCTATTGGACGC
Mrc1-R	CGGAATTTCTGGGATTCAGCTTC
Ym1-F	AGAAGGGAGTTTCAAACCTGGT
Ym1-R	GTCTTGCTCATGTGTGTAAGTA
Retnla-F	CTGGGTTCTCCACCTCTCA
Retnla-R	TGCTGGGATGACTGCTACTG

Supplementary Table 3. Primers sequence for ChIP analysis

Gene name	Primer sequence for qPCR
Il1b-F	CACAGAAGCACCATCCAGT
Il1b-R	AGATGCACACCCAGAAGTG
Il6-F	TCCCATCAAGACATGCTCAAGTGC
Il6-R	AGCAGAATGAGCTACAGACATCCC
IL12-F	TACCTTACATTTGAGTGATGGACTTCT
IL12-R	TCAACTTTTTCTTTCTGTGTGACATAATTTA