

Supplementary Table S1. sh-RNA primers used in this study.

Target	Primers
Igf2bp1-sh1-F	CCGGGAAACACCTGACTCCAAAGTTCTCGAGAACTTTGGAGTCAG GTGTTTCTTTTTG
Igf2bp1-sh1-R	AATTCAAAAAGAAACACCTGACTCCAAAGTTCTCGAGAACTTTGG AGTCAGGTGTTTC
Igf2bp1-sh2-F	CCGGGCGGCCAGTTCTTGGTCAAATCTCGAGATTTGACCAAGAAC TGGCCGCTTTTTG
Igf2bp1-sh2-R	AATTCAAAAAGCGGCCAGTTCTTGGTCAAATCTCGAGATTTGACCA AGAACTGGCCGC
Igf2bp2-sh1-F	CCGGGCCGTTTCTTTGTTGTGGAAACTCGAGTTTCCACAACAAAG AAACGGCTTTTTG
Igf2bp2-sh1-R	AATTCAAAAAGCCGTTTCTTTGTTGTGGAAACTCGAGTTTCCACAA CAAAGAAACGGC
Igf2bp2-sh2-F	CCGGGCAGAGAAGCCTGTCACAATCCTCGAGGATTGTGACAGGCT TCTCTGCTTTTTG
Igf2bp2-sh2-R	AATTCAAAAAGCAGAGAAGCCTGTCACAATCCTCGAGGATTGTGA CAGGCTTCTCTGC
Igf2bp3-sh1-F	CCGGGCAGAGGATTTCGTAAACTTCACTCGAGTGAAGTTTACGAATC CTCTGCTTTTTG
Igf2bp3-sh1-R	AATTCAAAAAGCAGAGGATTTCGTAAACTTCACTCGAGTGAAGTTT ACGAATCCTCTGC
Igf2bp3-sh2-F	CCGGGCGGAGAAGTCCATTACTATCCTCGAGGATAGTAATGGACTT CTCCGCTTTTTG
Igf2bp3-sh2-R	AATTCAAAAAGCGGAGAAGTCCATTACTATCCTCGAGGATAGTAAT GGACTTCTCCGC
Mettl3-sh2-F	GATCGCACATCCTACTCTTGTA ACTCTCGAGAGTTACAAGAGTAGG ATGTGCTTTTT
Mettl3-sh2-R	GGCCAAAAAGCACATCCTACTCTTGTA ACTCTCGAGAGTTACAAGA GTAGGATGTGC
Mettl3-sh1-F	GATCGCAGAACAGGATTTGACTACACTCGAGTGTAGTCAAATCCTG TTCTGCTTTTT
Mettl3-sh1-R	GGCCAAAAAGCAGAACAGGATTTGACTACACTCGAGTGTAGTCAA ATCCTGTTCTGC
Cebpd-sh1-F	CCGGCGAACTCTTCGCCGACCTCTTCTCGAGAAGAGGTCGGCGAA GAGTTCGTTTTTG
Cebpd-sh1-R	AATTCAAAAACGAACTCTTCGCCGACCTCTTCTCGAGAAGAGGTC GGCGAAGAGTTTCG
Cebpd-sh2-F	CCGGCAGCGCCTACATTGACTCCATCTCGAGATGGAGTCAATGTAG GCGCTGTTTTTG
Cebpd-sh2-R	AATTCAAAAACAGCGCCTACATTGACTCCATCTCGAGATGGAGTCA ATGTAGGCGCTG
Irf6-sh1-F	CCGGCCTTGGGATGAGAAAGATAATCTCGAGATTATCTTTCTCATCC CAAGGTTTTTG

Target	Primers
Irf6-sh1-R	AATTCAAAAACCTTGGGATGAGAAAGATAATCTCGAGATTATCTTTCTCATCCCAAGG
Irf6-sh2-F	CCGGCGCATGATCTATGAGATGTTTCTCGAGAAACATCTCATAGATCATGCGTTTTTG
Irf6-sh2-R	AATTCAAAAACGCATGATCTATGAGATGTTTCTCGAGAAACATCTCATAGATCATGCG
Dbp-sh1-F	CCGGGAGGTGCTAATGACCTTTGAACTCGAGTTCAAAGGTCATTAGCACCTCTTTTTG
Dbp-sh1-R	AATTCAAAAAGAGGTGCTAATGACCTTTGAACTCGAGTTCAAAGGTCATTAGCACCTC
Dbp-sh2-F	CCGGCGGAGGTACAAGAACAATGAACTCGAGTTCATTGTTCTTGTA CCTCCGTTTTTG
Dbp-sh2-R	AATTCAAAAACGGAGGTACAAGAACAATGAACTCGAGTTCATTGT TCTTGACCTCCG
Ahr-sh1-F	CCGGGGACCAGTGTAGAGCACAAATCTCGAGATTGTGTGCTCTACAC TGGTCCTTTTTG
Ahr-sh1-R	AATTCAAAAAGGACCAGTGTAGAGCACAAATCTCGAGATTGTGTGCTCTACACTGGTCC
Ahr-sh2-F	CCGGGGAGTTGGCAAGACAGCTTTGCTCGAGCAAAGCTGTCTTGCCAACTCCTTTTTG
Ahr-sh2-R	AATTCAAAAAGGAGTTGGCAAGACAGCTTTGCTCGAGCAAAGCTGTCTTGCCAACTCC

Supplementary Table S2. Primers for constructing the overexpression vector.

Target	Primers
mettl3-oe-F	acctccatagaagattctagaATGATGGGGGCTGTGGCA
mettl3-oe-R	ttcgaattcgctagctctagaCTATAAATTCTTAGGTTTAGAGATGATGCCGTCC
Ahr-oe-F	acctccatagaagattctagaATGAGCAGCGGCGCCAACA
Ahr-oe-R	ttcgaattcgctagctctagaTCAACTCTGCACCTTGCTTAGGA

Supplementary Table S3. RT-PCR primers used in this study.

For mouse	
Target	Primers
Gapdh	F: AGGTCGGTGTGAACGGATTTG; R: TGTAGACCATGTAGTTGAGGTCA
Mettl3	F: CTGGGCACTTGGATTTAAGGAA; R: TGAGAGGTGGTGTAGCAACTT
Cxcl5	F: TGC GTTGTGTTTGCTTAACCG; R: CTTCCACCGTAGGGCACTG
Ahr	F: AGCCGGTGCAGAAAACAGTAA; R: AGGCGGTCTAACTCTGTGTTC
Ccl5	F: GCTGCTTTGCCTACCTCTCC; R: TCGAGTGACAAACACGACTGC
Igf2bp1	F: CTCCGATGGGAAGTGCTAGAT; R: GGTTAGAGTAGGTGACGTTGACC
Igf2bp2	F: GTTGGCTGAATATGGGACAGTG; R: GTAGTCCTCAAAGTATGCCCC
Igf2bp3	F: CCTGGTGAAGACGGGGCTAC; R: TCAACTTCCATCGGTTTCCCA
Cebpd	F: CGACTTCAGCGCCTACATTGA; R: CTAGCGACAGACCCCACAC
Dbp	F: GGAAACAGCAAGCCCAAAGAA; R: CAGCGGCGCAAAAAGACTC
Irf6	F: CTCTCCCCATGACTGACTTGG; R: CAGGTCCCCATAGAAGAGCC

For Human	
Target	Primers
CXCL5	F: AGCTGCGTTGCGTTTGTGTTTAC; R: TGGCGAACACTTGCAGATTAC
CCL5	F: CTGCTTTGCCTACATTGCCC; R: TCGGGTGACAAAGACGACTG

Supplementary Table S4. CHIP-qPCR primers used in this study.

For mouse	
Target	Primers
Ccl5 primer1	F: GACAGTCTGCAATTCTCTGGC; R: TCATGATGGTAACAGCCTCCA
Ccl5 primer2	F: TTCCCAAGTTGTAGCCCAGAC; R: ACACAAGTGTGGTCTGTTTCTG

Supplementary Table S5. MeRIP-qPCR primers used in this study.

Target	Primers
Ahr-F	GGAGCTACAGGAATCCACCG
Ahr-R	GCTGTGTTTGTTCTCAGGTGC
Cxcl5-F	CGGTTCCATCTCGCCATTCAT
Cxcl5-R	CGGATGGGTCAGGCACC