

**Fasting and Feeding Signals Control the Oscillatory Expression of  
*Angptl8* to Modulate Lipid Metabolism**

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**Table 1. Primers used for cloning**

<i>Angptl8-P3K-F</i>	CCGCTCGAGTGGCAGGCAGAGAGGACTGACTC
<i>Angptl8-P3K-R</i>	CCCAAGCTTGTTCGTGGGTGTGGTTCCC
<i>Angptl8-P2K-F</i>	CCGCTCGAGGTCACCTGACTGACCGGCAA
<i>Angptl8-P2K-R</i>	CCCAAGCTTGTTCGTGGGTGTGGTTCCC
<i>Angptl8-P1.8K-F</i>	CCGCTCGAGCGGAGGACCCTTTAGAGGGCTG
<i>Angptl8-P1.8K-R</i>	CCCAAGCTTGTTCGTGGGTGTGGTTCCC
<i>Angptl8-P1.6K-F</i>	CCGCTCGAGCATCCTGGTCTACATAGCAAG
<i>Angptl8-P1.6K-R</i>	CCCAAGCTTGTTCGTGGGTGTGGTTCCC
<i>Angptl8-P1.4K-F</i>	CCGCTCGAGCACACTAGGCAAGTACTCTACC
<i>Angptl8-P1.4K-R</i>	CCCAAGCTTGTTCGTGGGTGTGGTTCCC
<i>Angptl8-P1.2K-F</i>	CCGCTCGAGCATAAGGTGGTCCCACCAGTAG
<i>Angptl8-P1.2K-R</i>	CCCAAGCTTTGACAGTTTCGTGGGTGTGGTT
<i>Angptl8-P1.0K-F</i>	CCGCTCGAGAGGGTCTGTCTTTCAGATAC
<i>Angptl8-P1.0K-R</i>	CCCAAGCTTTGACAGTTTCGTGGGTGTGGTT
<i>Angptl8-3UTR-F</i>	GCTCTAGAGACTACCTGGATGCCACCGAGGAC
<i>Angptl8-3UTR-R</i>	ACGCGTCGACTAGATTGCCTCTGTTCTCTT
<i>Angptl8-delte-LXRE-1-F</i>	ACCGGCCATGTACTGGATCCGC
<i>Angptl8-delte-LXRE-1-R</i>	GCCAGGCCTTGCCGGTCAGTGC
<i>Angptl8-delte-LXRE-2-F</i>	ACAGAGCCCTGGCGACTGCT
<i>Angptl8-delte-LXRE-2-R</i>	GCTGTGCGGATCCAGTACATGG
<i>Angptl8-delte-LXRE-3-F</i>	GAAAAGGAGGGGTGGAGGGACGGAGGACCCTTA
<i>Angptl8-delte-LXRE-3-R</i>	GCTCTTCGTGTACCCACACAGCCTCAATTCAG
<i>Angptl8-delte-LXRE-4-F</i>	GCCAAAGCTACATAGGGAAATC
<i>Angptl8-delte-LXRE-4-R</i>	CTGACTCTCAGCACCCATCTG
<i>Angptl8-delte-ngRE-F</i>	TTATCTATAGGGTCTGTCTTTC
<i>Angptl8-delte-ngRE-R</i>	CCAATAAGGTGGTAGTGTGGG
<i>Angptl8-F</i>	ATAAGAATGCGGCCGCATGGCTGTGCTTGCTCTGCCT
<i>Angptl8-R</i>	CGGGATCCGGCTGGGAGGGCTGCTGTGTGGA
<i>Angptl8-delte-SP-F</i>	ATAAGAATGCGGCCGCGTCCAGAGCCAGCTCAATATG
<i>Angptl8-delte-SP-R</i>	CGGGATCCGGCTGGGAGGGCTGCTGTGTGGA
<i>Gr-F</i>	ATAAGAATGCGGCCGC <sub>ga</sub> ATGGACTCCAAAGAATCCTTAGC
<i>Gr-R</i>	GCTCTAGATCATTCTGTATGAAACAGAAGC
<i>Lxra-F</i>	ATAAGAATGCGGCCGC <sub>ga</sub> ATGTCCTTGTGGCTGGAGGCCTCAAT
<i>Lxra-R</i>	GCTCTAGATCACTCGTGGACATCCCAGATCTCAG

**Table 2. Primers used for qPCR**

<i>mAngptl8-F</i>	CACTGTACGGAGACTACAAGTGC
<i>mAngptl8-R</i>	GTGGCTCTGCTTATCAGCTCG
<i>mAngptl3-F</i>	CCAGAACACCCAGAAGTAACT
<i>mAngptl3-R</i>	TCTGTGGGTTCTTGAATACTAGTC
<i>mAngptl4-F</i>	AAGATGCACAGCATCACAGG
<i>mAngptl4-R</i>	ATGGATGGGAAATTGGAGC
<i>mGr-F</i>	AGCTCCCCCTGGTAGAGAC
<i>mGr-R</i>	GGTGAAGACGCAGAAACCTTG
<i>mNr1d1-F</i>	TCCCCAAGAGAGAGAAGCAA
<i>mNr1d1-R</i>	CTGAGAGAAGCCCACCAAAG
<i>mSrebp-1c-F</i>	GGAGCCATGGATTGCACATT
<i>mSrebp-1c-R</i>	GCTTCCAGAGAGGAGCCAG
<i>mFasn-F</i>	GCTGCGGAAACTTCAGGAAAT
<i>mFasn-R</i>	AGAGACGTGTCCTCCTGGACTT
<i>mAcc-F</i>	TGACAGACTGATCGCAGAGAAAG
<i>mAcc-R</i>	TGGAGAGCCCCACACACA
<i>mTgh-F</i>	GGAGGGCAGGTGCTCTCA
<i>mTgh-R</i>	GCCTTCAGCGAGTGGATAGC
<i>mDgat1-F</i>	GGATCTGAGGTGCCATCGT
<i>mDgat1-R</i>	CCACCAGGATGCCATACTTG
<i>mDgat2-F</i>	GGCTACGTTGGCTGGTAACTT
<i>mDgat2-R</i>	TTCAGGGTGACTGCGTTCTT
<i>mApoCIII-F</i>	GGCTGGATGGACAATCACTT
<i>mApoCIII-R</i>	TGGTTGGTCCTCAGGGTTAG
<i>mAbca1-F</i>	TTGGATGGATTAGATTGGAC
<i>mAbca1-R</i>	ATGCCTGTGAACACGATG
<i>mFatp2-F</i>	TCGTGGGACTGGTAGATTTTG
<i>mFatp2-R</i>	CGCGATGTGTTGAAAGAGTTT
<i>mCd36-F</i>	GATGACGTGGCAAAGAACAG
<i>mCd36-R</i>	TCCTCGGGTCTGAGTTAT
<i>mFatp4-qF</i>	GTGAGATGGCCTCAGCTATC
<i>mFatp4-qR</i>	GAAGAGGGTCCAGATGCTCT
<i>mAtgl-qF</i>	CTTCCTCGGGTCTACCACA
<i>mAtgl-qR</i>	GCCTCCTTGGACACCTCAATAA
<i>mHsl-qF</i>	TCAACCGACCAGGAGTGCT
<i>mHsl-qR</i>	CTCGTTGCGTTTGTAGTGCTC
<i>mMgl-qF</i>	CGGACTTCCAAGTTTTTGTGTCAGA
<i>mMgl-qR</i>	GCAGCCACTAGGATGGAGATG