Supplementary Table SI. The promoter region sequence of SREBP and FASN. Bases in different color, frame and background positions were possible methylation locations or transcription factor binding areas, which were used as reference sites for primer design of methylation sequencing

SREBP1-s1(1748bp):

CGAGGAAAGAGTTACTCTGGTAAGCCTGACTGTCTTGAAACTCGCCGTATAGGACCATGCTGCCCCTAAACTCAA
AAGTTCTGCCTTCCTCTTGCCTCTGAGAAGTGCTGGATAAAGGGCGTGCGGCCCACCCCCACACCAGCTTCACAA
AGAGAGCTTTTCTAGTTCCTGGCTCCAGGGTTTTTCTTTGGACTTTGCCTTCGGCTCTTCCGGAAACCATGGCAC
CAAAATAAAGTGCATTTGTAAGAGCTAAGTAATAGTCTTTACTCAATTCCCAGAAATCAGGCGGATCTGTTGTGA
TGTCGCCAAACACCTCGCTCTGCAGAGACAGCCCTAGTAAGTTGACTTGGGAAAAAAAAATCAGTGATCCTGGGT
ACACTTGTGTAGGGGAGGTGCTAGGTCCGCGGACCTCTGAAGACCCTCCCCCTTTTGGCTGGGAAGGGCTGTTTG
AGTTTGCCGCAAAATCATCAGCTTCCTGGATGTCTTCTGATGGCGGGATATGGCAGGGTGGCCCCAAAGCAAGGG
CTCTCCATGTAGGGCGGAGAGGTGGTTTATAGGTCCGGCCACTTGTGTGCACTTTATTCTGTGTCATTTTCTAGC
AGCCACGCTGGGAGAGGAACAAAACGAGTCCAGGTGGAGCCCAGGCGCACACTCCCTCCTTGCTCGGACAACGGA
TTCTGGTTGGGAGGTGAGGAAAGCCACCCAGCCTGCGGATCTGGAATCCGAGCGAGGCAGCCTCCAGGTGGCGTG
GGCCCGGACCTTCTCGGAGGCTCCCTGGTTGACTCCTTGTAGATACTTGTGGGTCAGAATGCTTTATTTCAGCCT
CCCCTGCTTTACCTGTTCCTAAGTCACAGGGCCCAGGATTCACTCGGTCAGGCTGCTAGCCTGGCCTGGCCCTGC
CCCAGGTCATGATTCAGGCAACCGGGCTCCGGTCCTCTGGGCCACAGAACCCTGCTTGACCTTGGGATCCACACT
TTTTCTGAGTCTTCCTGGAGAACGGACTCTTTAGGAGTTGTACGGGCACGCTAGCTTCCTGATTCTCTCTGCCCC
AGTGGTGGGACTGACAGGATTAAGACAGGATCAGAAGTTCCAGCCTCTTGCTCCTCCTGCAGGTTCTCCTCCTCC
GGAGGCCCACTTCCAGGCTCCTAGGCTGAGAGGCTGGAGACGGACCTCACAGGCCACGCTCCTCAGCTGCACAGC
TTCACTAACCTCTCAGCCAGCCCGTAGACAGATCCTGGGCCCTTGCTACAGAGGAGGAAAACAGGCACACAGTGG
TGAGGTCACACCGCAGGCCTGTCACAGCTGTAGTTTGGACTAGGTCTGTCCTGTTCTAAAGAGCAAAGCGTAGGT
GGGTTTTCATTTCTCCGCTCCCAACCCCACTCAGGTCTCCCCCTCTGGCCCTTCAGTCTAACGACGTCTGAGCCA
GCTCTAATCCTGTGGCTTCCCTTCAGCCCCTTTGCTTCGTGCTGAGGAAGGTGGGGCCCAGTGCCTGGGCACCGG
TAGGAGGCGGCGGGAAACCAGGCCCAGACAAGCGGTCTGAACCCGCTAGGCGAGCTGGTCTGGAGCGCTCCCGCT
CCGGGCGGGTGGGCGGGGTCTAGCAGGAAACCCCGCCCCTCTGTCCGGGTGGCTCCGCCCACGGATTTCAGACTC
TGAGGAACTTTTCACTAACGCGGCCCTCTCCAGAAGCCGGTCGGGCGCCGGCGCCATGGAAGAGCTGTCCTTCAG
CGAGACGGCTCTGGAACAGGCGC

SREBP1-s2(1770bp):

TCTTTTGCTGTGTTCATCATACATATTCTCCAGGGCATGGGATTCGTGTATATTCCCGGACATCTGGGCTCTGAC
TGATACTCATACGGCTATCTACTCAGAGATTTCGTTCTTGGAGGTCAGCACAGTCCGTGACAGTAGGGGGCGCCA
CCCCCCACCCAGCTTCACAGGGAGCTTTTCTAGTCCTGGCTCCCAGGTTTTTCTTTGACTTTGCCTTCGGCTATT
CCGGAACCATGCAGCAATATAAAGTGCATTTGTAGAGCTATGTATAGTCTTTACTCAGTTCCAGAATCAGGCGGA
TCTGTTGTGATGTCGCCAAACACCTCGCTCTGCAGAGACAGCCCTAGTAAGTTGACTTGGGAAAAAAAAAATCAG
TGATCCTGGGTACACTTGTGTAGGGGAGGTGCTAGGTCCGCGGACCTCTGAAGACCCTCCCCCTTTTGGCTGGGA
AGGGCTGTTTGAGTTTGCCGCAAAATCATCAGCTTCCTGGATGTCTTCTGATGGCGGGATATGGCAGGGTGGCCC
CAAAGCAAGGGCTCTCCATGTAGGGCGGAGAGGTGGTTTATAGGTCCGGCCACTTGTGTGCACTTTATTCTGTGT
CATTTTCTAGCAGCCACGCTGGGAGAGGAACAAAACGAGTCCAGGTGGAGCCCAGGCGCACACTCCCTCCTTGCT
CGGACAACGGATTCTGGTTGGGAGGTGAGGAAAGCCACCCAGCCTGCGGATCTGGAATCCGAGCGAGGCAGCCTC
CAGGTGGCGTGGGCCCGGACCTTCTCGGAGGCTCCCTGGTTGACTCCTTGTAGATACTTGTGGGTCAGAATGCTT
TATTTCAGCCTCCCCTGCTTTACCTGTTCCTAAGTCACAGGGCCCAGGATTCACTCGGTCAGGCTGCTAGCCTGG
CCTGGCCCTGCCCCAGGTCATGATTCAGGCAACCGGGCTCCGGTCCTCTGGGCCACAGAACCCTGCTTGACCTTG

Supplementary Table SI. Cont.

GGATCCACACTTTTTCTGAGTCTTCCTGGAGAACGGACTCTTTAGGAGTTGTACGGGCACGCTAGCTTCCTGATC CTCTCTGCCCCAGTGGTGGGACTGACAGGATTAAGACAGGATCAGAAGTTCCAGCCTCTTGCTCCTCCTGCAGGT TCTCCTCCTCCGGAGGCCCACTTCCAGGCTCCTAGGCTGAGAGGCTGGAGACGGACCTCACAGGCCACGCTCCTC AGCTGCACAGCTTCACTAACCTCTCAGCCAGCCCGTAGACAGATCCTGGGCCCTTGCTACAGAGGAGGAAAACAG GCACACAGTGGTGAGGTCACACCGCAGGCCTGTCACAGGTGTAGTTTGGACTAGGTCTGTCCTGTTCTAAAGAGC AAAGCGTAGGTGGGTTTTCATTTCTCCGCTCCCAACCCCACTCAGGTCTCCCCCTCTGGCCCTTCAGAAGGTCTA ACGACGTCTGAGCCAGCTCTAATCCTGTGGCTTCCCTTCAGCCCCTTTGCTTCGTGCTGAGGAAGGTGGGGCCCA GTGCCTGGGCACCGGTAGGAGGCGGCGGGAAACCAGGCCCAGACAAGCGGTCTGAACCCGCTAGGCGAGCTGGTC TGGAGCGCTCCCGCTCCGGGCGGGTGGGCGGGGTCTAGCTGGAAACCCCGCCCCTCTGTCCGGGTGGCTCCGCCC ACGGATTTCAGACTCTGAGGAACTTTTCACTAACGCGGCCCTCTCCAGAAGCCGGTCGGGCGCCGGCGCCATGGA AGAGCTGTCCTTCAGCGAGACGGCTCTGGAACAGGCGCTGGCCGA
FASN-F6R1-s1（896bp）： GCACTTCCCGACATGCCGGCTATCACCACCTCCTCCATGGCTATTCTCTGCGGGAAGGTGGCATGGAGGGCCAA CACAGTCAGTCCCAGTACCAGCCACAGCCGCCAGAATCCACAGGTAGTTCCCGCCCTGACTTTCTGAGAGCAAGG ACTCAGAAAGGCCCCAGTGGAAACTATCCGGATCCGGCTGTAACACTGGATGAGCCGAGTGTCGGGTCTCTCTGC AGTGATAGCTATTTCTGAGGTTTCGATGCCTTGCAGCGTTCAGACATTCGACCCGGCCTGACCCTCCTCCCATGC CTTGCCAGAGCCACCTGGGACAGTGATCTGCCTAGTGTGCGCTCCATCCCAAGCTGGCTAAACCAGGAACTTGCA AAGAGGTGGGGCTTCAAGAAGCAGGGTAGGGGCACCCTCACCTCAAGCCACGGGAAGCCAGTGCTTCCCTTTCA CGACTGGGGGTGGAGATCGGGCTGCTGTTCAGGGCCAGCCAAGACGCCAGGCTTGGTAAGGACCCAAGGGGACAG CCCCGGCTACTATTATTGAGCCCAGGCCTGGTGGGGCCAAAGGGCCCCTCCAGCAAGATCCGCTAGGTGCGGAGC AGGGCAGACGGAAGCCTCTGGCCACTTGGCCGAACACCTTGTAGCCTGGCCGAGGCAACAGAAGGATCTGCTAGA TCCTCGGGTTCCTAAGGCACCTGCCCAGGGCAGTGCAGGCCTTGCGGCCGGCCGTAGTCCGACGTAGAGGCTTCC GCGCCACCTAGCCGGTGAGGCCTGGATGCTCGGATGACTTCCGCTGAGGCCCCCGGGGCCTCGTGCGCACCCAGA CCAGCATCTGGCCTCTCCGGGCTGGCGCCGGAGGACCACCGCGGCCTCCTGCGCCTGCCAAAGCCTCCCAG
FASN-F6R1-s2（920bp）： TAGTATTTAGCCGGAATATAATTCGACGTGCCGGCTATCACCACCTCCTCCATGGCTATTCTCTGCGGGAAGGTGGCA TGGAGGGCCAACACAGTCAGTCCCAGTACCAGCCACAGCCGCCAGAATCCACAGGTAGTTCCCGCCCTGACTTTCTGAG AGCAAGGACTCAGAAAGGCCCCAGTGGAAACTATCCGGATCCGGCTGTAACACTGGATGAGCCGAGTGTCGGGTCTCTC TGCAGTGATAGCTATTTCTGAGGTTTCGATGCCTTGCAGCGTTCAGACATTCGACCCGGCCTGACCCTCCTCCCATGCC TTGCCAGAGCCACCTGGGACAGTGATCTGCCTAGTGTGCGCTCCATCCCAAGCTGGCTAAACCAGGAACTTGCAAAGAG GTGGGGCTTCAAGAAGCAGGGTAGGGGCACCCTCACCTCAAGCCACGGGAAGCCAGTGCTTCCCTTTCACGACTGGGG TGGAGATCGGCTGCTGTTCAGGGCCAGCCAAGACGCCAGGCTTGGTAAGGACCCAAGGGGACAGCCCCGGCTACTATTA TTGAGCCCAGGCCTGGTGGGGCCAAAGGGCCCCTCCAGCAAGATCCGCTAGGTGCGGAGCAGGGCAGACGGAAGCCTCT GGCCACTTGGCCGAACACCTTGTAGCCTGGCCGAGGCAACAGAAGGATCTGCTAGATCCTCGGGTTCCTAAGGCACCTG CCCAGGGCAGTGCAGGCCTTGCGGCCGGCCGTAGTCCGACGTAGAGGCTTCCGCGCCACCTAGCCGGTGAGGCCTGGA TGCTCGGATGACTTCCGCTGAGGCCCCCGGGGCCTCGTGCGCACCCAGACCAGCATCTGGCCTCTCCGGGCTGGCGCC GGAGGACCACCGCGGCCTCCTGCGCCTGCCAAAGCCTCCCAGCCGGAGCCCG