

MEN1 promoter

AGCCACTGAGCTTAGCTTTGACTGTTTTTGAACACAAAGTGGCTAAAGCCTGTAATGCCACCACTTCTGGAAGGCTGAGGTAG
GTAGATCACCTAAGGCCAGGTGTTCAAGACCAGCCTGGCCAAATGGTGAAACCCATCTCTACTAAAAATACAAAACTAGCC
GTGTGTGGTGGCGGGTGCCTGTAATCCAGCTACTCGGGAGGCTGAGACAAGAGAATCACTTAAACCTGGGAGGCAGAGGTTGC
AGTGAGCCAAGATCGTGCCATTGCTCTCCAGCCTGGGCGACAGAGCGACTCTGTCTCAAAAATAAAATAAAATAAAATAAAT
AATTAATTAATTAATTAATTAATTAATTAACCTCAAAGTCGCATACTCCCAGTTGCCTCAGTTCTGGGCCAGCTTGAAGGCTGGTTAC
CCTGTTTACTAGTTTTTCTACTGATGCCTTTTTCTGTTCCAGGATTTGATCCAGAACACCACATTGCATTTAGTTGTCTGTC
TCCTTGGTCTCTCATCTGCAATGATTTGTGGGTCTTTCCTTATCTTTTCATGACCTTGGCTCTTTTGATTTCTTTTGTTTTTTGT
TTCGAGGCGGGTCTCACTGTGTGCCACGCTGGAGTGCCTGGCGTGACAGCTCACTGCAGTCTTGACCTCTGGGCTCAC
ATAATCCTCCGCTCAGCCTTCTGAGTAGCTGGGACTACAGGTGAGCACACCACACCTGGTCAATTTTTTGTTTTTGTAGAG
TCCGGTCTCCCTATGTTCCCGGGCTGGTCTTGAACCTCCGGCCTCAAGCAATCCTCCTGCTTCAGCTTCCCAAAGTGTGTGA
ATTACAGGCATGAGCCTGGCATGAACCTTGACACTATTGAGATATACTGGTCAGGTATTTGTGGAATGTCCTCAACTCTGTTT
TGGCAGATGTTTTCTCATGATTAGAGGAGATTATAAATTTTGGAGAAAATCCAGAGAGGTGAAGTGGGCAGAAA
TTAATCTGTTTTATTTACTGCTATATACCGAGTGTCTGGAACCTGGCCATGGTAAGTACCAAAAATCTGTTTTTTTGAATG
AATAAGCAAATAAATGAGTGACCGTGGAATTTAGTATTATTTCAAAGTTTCAAAGCGTTGTGATACAGGCCAGGCACAGTGG
CTCACACCTGTAATCCAGCACTTTTGGAGGCCGAGGTAGGAGGATCACTTGGAGTTCAGGAGTTCGAGACCAGCCTGACCAACA
TGGTGACACCCCTGTCTCTACTAAGTAAAAATACAAAAATTAGCCAAGTGTGGTGGCAGGCACCTGTAATCCCGGCTACTTGGGA
AGCTGAGGCAGAAGAATCACTTGAACCTGGGAGGCAGAGGTTGCAGTGCAGCCGAGATCACCCCACTGCCTCCAGCCTGAGTGA
CAGAGCGAGACTCTGTCTCAAAACAAAATAAACAAATAACTACTCTTTGGCCGGGTAAGGTGGTTACGCTTGAATTTTAGCAC
TTTGGGAGGCTGAGGCGGCAGATCACTTGGGTTAGGGGTTGAGAGACCAGTCTGGCCAACATGGTGAAACCCCATCTCTACTT
AAAATACAAAAGTTTTCTGGGTGTGGTGGCGGACGCCTATAATCCAGCTACTTGGGACTTTTTTTTTAAGACGGAATCTCACT
CTGTTGCCAGGCTGGAGTGCAGTGGCAAGATTTCTGGCTCACTGAAGCTCCGCTCCAGGTTCAAGGGATTCCCCGCGCCTC
AGCCTCCAAGTAGCTGGGAATCCCTGTCTCTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAATATATATATATATATAT
ATATATGTGTGTGTGTGTGTGTGTGTGTGTGTAT
AGTGGTGGCGCACGCTGTGATCACAGCTACTCGGGAGGCTGAGGCACGAGAATCGCTTGAGCCCGTGAAGTTCGAGGCTGCAGT
GAGCCAGATCGAGCCACTGCATTCCAGCCTGGGCGAAAGAGAAAGACCGTGTCTCAAAACAAACAAACAAAGCTACTCTTAG
CACGTGTTAGAGTATCTCGCGGGCGAAGTGGGAAACGAGTGTGCACACAGAGTAGGCATCTTTATATGTTAACAGACACTGA
TACCCAGCTAAAGCGGCTGAACACATTTACTCTCTGGCAGTGTTTAAAAGTATCTGTTTTTCTCATATTGTTTTATTTAATTT
TTTTCTGGATCAAGCAACCTGATCTTTTTCTCATAACTTGCCGACCGACCCGTGACAGCAAAACCGGCAGAAGCTCGGCGACCT
CCCACCCGAGTCTGCAGGTAGTGCCTCCGACTACATTTCCAGAAGGCACTGCGGGCACGCTTCTGCTGCTGGTGGCCTGAA
GGGAAGGGCCATCCCTGAGTATCTCGGGAAGGAGGTGTCCGGAGCCGCGGACCTAGAGATCCC

S15 Fig. The promoter of menin 1 (*MEN1*) did not contain the HIF1a binding site. The promoter of *MEN1* (2,500-bp length of region in the upstream of transcription start site) was used to search the HIF1a binding consensus sequence TACGTG and no HIF1a binding site was found.