5´-GCCGGGCAGGAGGAAGGAGCCUCCCUCAGGGUUUCGGGAACCAGAUCUCUCACCAGGAAAGACUGAUACAGA
ACGAUCGAUACAGAAACCACGCUGCCGCCACCACACCAUCACCAUCGACAGAACAGUCCUUAAUCCAGAAACCUG
AAAUGAAGGAAGAGGAGACUCUGCGCAGAGCACUUUGGGUCCGGAGGGCGAGACUCCGGCGGAAGCAUUCCCGGG
CGGGGUGACCCAGCACGGUCCCUCUUGGAAUUGGAUUCGCCAUUUUAUUUUUCUUGCUGCUAAAUCACCGAGCCC
GGAAGAUUAGAGAGUUUUAUUUCUGGGAUUCCUGUAGACACACCCACCCACAUACAUACAUUUAUAUAUAUAUAU
AUUAUAUAUAUAUAAAAAUAAAUAUCUCUAUUUUAUAUAUAUAAAAUAUAUAUAUUCUUUUUUUAAAUUAACAGU
GCUAAUGUUAUUGGUGUCUUCACUGGAUGUAUUUGACUGCUGUGGACUUGAGUUGGGAGGGGAAUGUUCCCACUC
AGAUCCUGACAGGGAAGAGGAGGAGAUGAGAGACUCUGGCAUGAUCUUUUUUUUGUCCCACUUGGUGGGGCCAGG
GUCCUCUCCCCUGCCCAGGAAUGUGCAAGGCCAGGGCAUGGGGGCAAAUAUGACCCAGUUUUGGGAACACCGACA
AACCCAGCCCUGGCGCUGAGCCUCUCUACCCCAGGUCAGACGGACAGAAAGACAGAUCACAGGUACAGGGAUGAG
GACACCGGCUCUGACCAGGAGUUUGGGGAGCUUCAGGACAUUGCUGUGCUUUGGGGAUUCCCUCCACAUGCUGCA
CGCGCAUCUCGCCCCCAGGGGCACUGCCUGGAAGAUUCAGGAGCCUGGGCGGCCUUCGCUUACUCUCACCUGCUU
CUGAGUUGCCCAGGAGACCACUGGCAGAUGUCCCGGCGAAGAGAAGAGACACAUUGUUGGAAGAAGCAGCCCAUG
ACAGCUCCCCUUCCUGGGACUCGCCCUCAUCCUCUUCCUGCUCCCCUUCCUGGGGUGCAGCCUAAAAGGACCUAU
GUCCUCACACCAUUGAAACCACUAGUUCUGUCCCCCCAGGAGACCUGGUUGUGUGUGUGUGAGUGGUUGACCUUC
CUCCAUCCCCUGGUCCUUCCCUUCCCUUCCCGAGGCACAGAGAGACAGGGCAGGAUCCACGUGCCCAUUGUGGAG
GCAGAGAAAAGAGAAAGUGUUUUAUAUACGGUACUUAUUUAAUAUCCCUUUUUAAUUAGAAAUUAAAACAGUUAA
UUUAAUUAAAGAGUAGGGUUUUUUUUCAGUAUUCUUGGUUAAUAUUUAAUUUCAACUAUUUAUGAGAUGUAUCUU
UUGCUCUCUCUUGCUCUCUUAUUUGUACCGGUUUUUGUAUAUAAAAUUCAUGUUUCCAAUCUCUCUCUCCCUGAU
CGGUGACAGUCACUAGCUUAUCUUGAACAGAUAUUUAAUUUUGCUAACACUCAGCUCUGCCCUCCCCGAUCCCCU
GGCUCCCCAGCACACAUUCCUUUGAAAUAAGGUUUCAAUAUACAUCUACAUACUAUAUAUAUAUUUGGCAACUUG
UAUUUGUGUGUAUAUAUAUAUAUAUAUGUUUAUGUAUAUAUGUGAUUCUGAUAAAAUAGACAUUGCUAUUCUGUU
UUUUAUAUGUAAAAACAAAACAAGAAAAAAUAGAGAAUUCUACAUACUAAAUCUCUCUCCUUUUUUAAUUUUAAU
AUUUGUUAUCAUUUAUUUAUUGGUGCUACUGUUUAUCCGUAAUAAUUGUGGGGAAAAGAUAUUAACAUCACGUCU
UUGUCUCUAGUGCAGUUUUUCGAGAUAUUCCGUAGUACAUAUUUAUUUUUAAACAACGACAAAGAAAUACAGAUA
UAUCUUAAAAAAAAAAAAGCAUUUUGUAUUAAAGAAUUUAAUUCUGAUCUCAAA-3´

**Supplementary Figure 14. *VEGFA* 3´UTR sequence.** Potential MBNL2 binding sites are highlighted in red. Sequences inserted into the *Atp2a1* minigene are highlighted in blue.