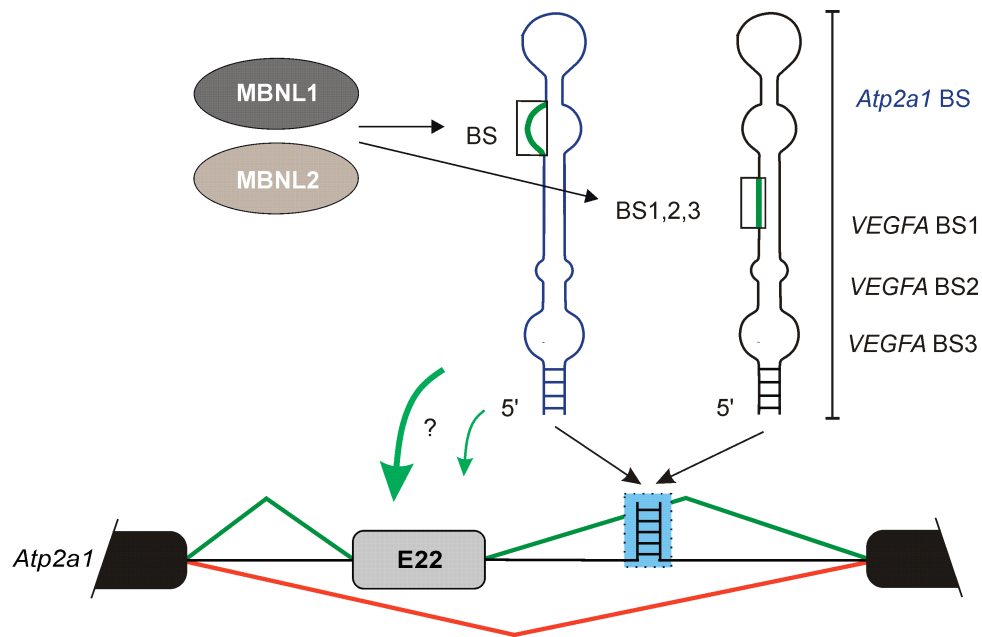




Supplementary Figure 15. *Atp2a1* minigene system. The *Atp2a1* minigene contains a fragment from the *Atp2a1* gene ranging from exon 21 to exon 23 and carrying a natural MBNL binding site within intron 22 (positive control), which is exchanged to test potential *VEGFA* binding sites (BS). The minigene with a deletion of a natural MBNL binding site has a strongly reduced MBNL mediated splicing response (2). A stable helical region is inserted at the base (highlighted in blue) to separate the inserts from endogenous sequences and allow independent RNA folding. The alternative exon 22 (E22) is shown in grey; the constitutive exons 21 and 23 are shown in black.