A

AAU – – A UAUUU A
5'- UGACAGAA GAGAG UGAGCAC CAGAGGCA GUAUA A
3'- ACUGUCUU CUCUU ACUCGUG GUUUUCGU CAUAU A
UUC U U C UAC U
B
<i>D</i>
5'-GU UGCU CUU UUUUCU UC UUUU UUCCAG
3'-CA ACGA GAG AGAAGA AG AAGA AGGGUC
-CGUCUUAUUACU
C
19nt side
5' - UGCUC CUCUUU CU UC AUUUUU CUCAGA GCU AAAAC GAA AGAAAA GGU U
3'- ACGAG GAGAGA GA AG UAAAGA GGGUCU CGA UUUUG CUU UCUUUU UCG C
CAC U A C U UUACA U CCUU CC - GU UU

Supplemental figure 1A-C. Stem-loop structures of ptr-MIR156e.

Ptr-miR156e presents in either 5' arm (A) or 3' arm (B and C) and two stem-loop structures (one is shorter (B) and the other is longer (C)) were found when the miRNA was present in the 3' arm. The ptr-miR156e sequence is underlined.