









Position 522-529 of PIK3R1 3' UTR 5' ...UAACAAAUGAACGAU**AUGUAGCA**
[hsa-miR-221-3p](#) 3' ... CUUUGGGUCGUCUGU**UACAUCGA**

Psicheck2-PIK3R1:   TAACAAATGAACGAT**ATGTAGCA** 

Psicheck2-PIK3R1-m:   TAACAAATGAACGAT**TTCGAGTA** 

 Luciferase coding sequence

 PIK3R1-3'UTR

Supplemental Figure 1. A schematic diagram showing the construction of the luciferase reporter vectors