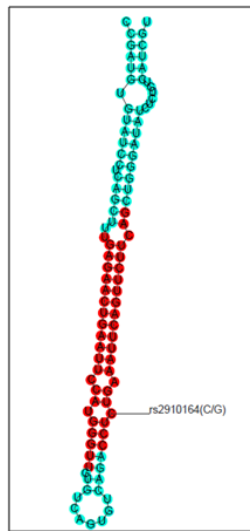
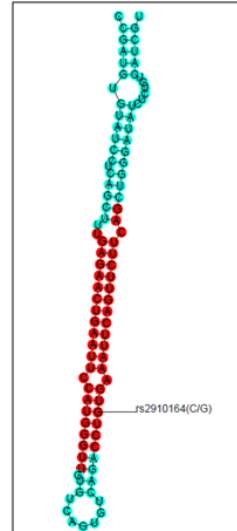


(1a)

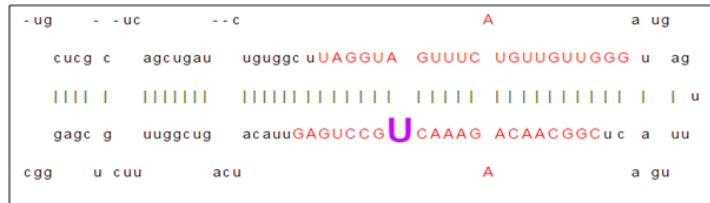


(1b)

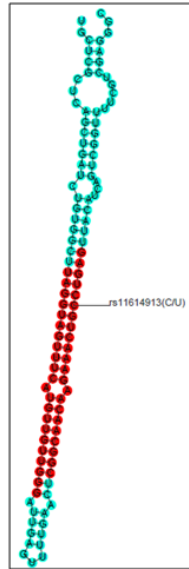


(1c)

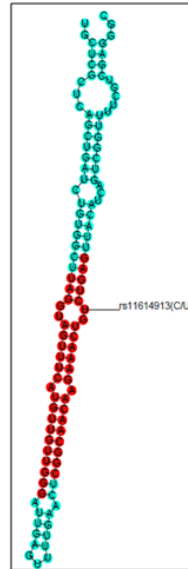
Supplementary Figure 1. Detail information of hsa-mir-146a SNP (rs2910164) and secondary structure (a) Sequence showing polymorphic site 'C' (b) Wild miR-146a (c) Polymorphic miR-146a



(2a)

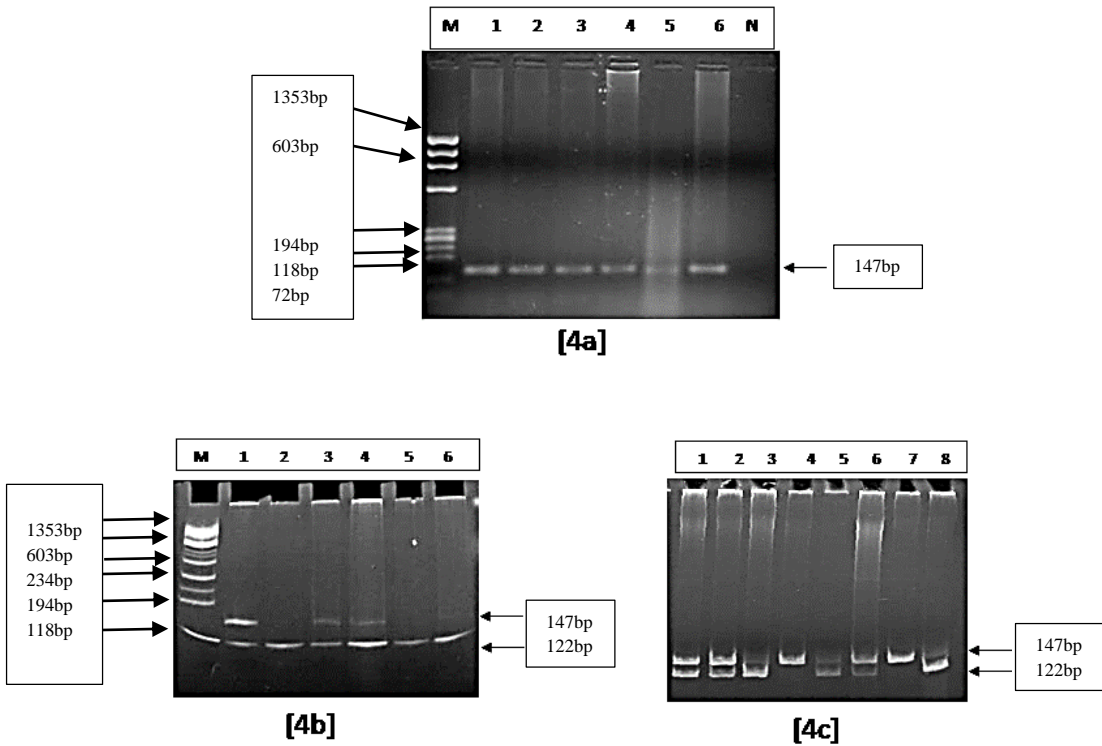


(2b)

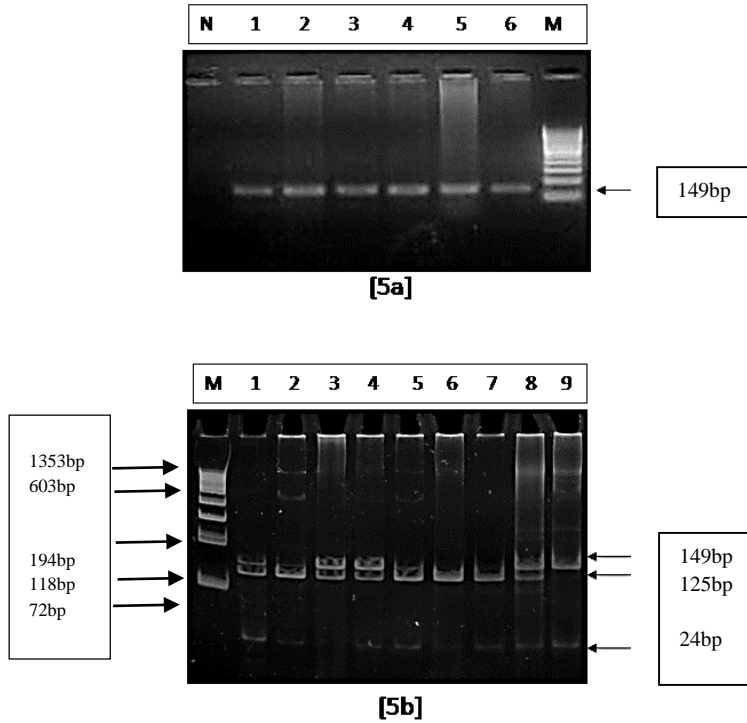


(2c)

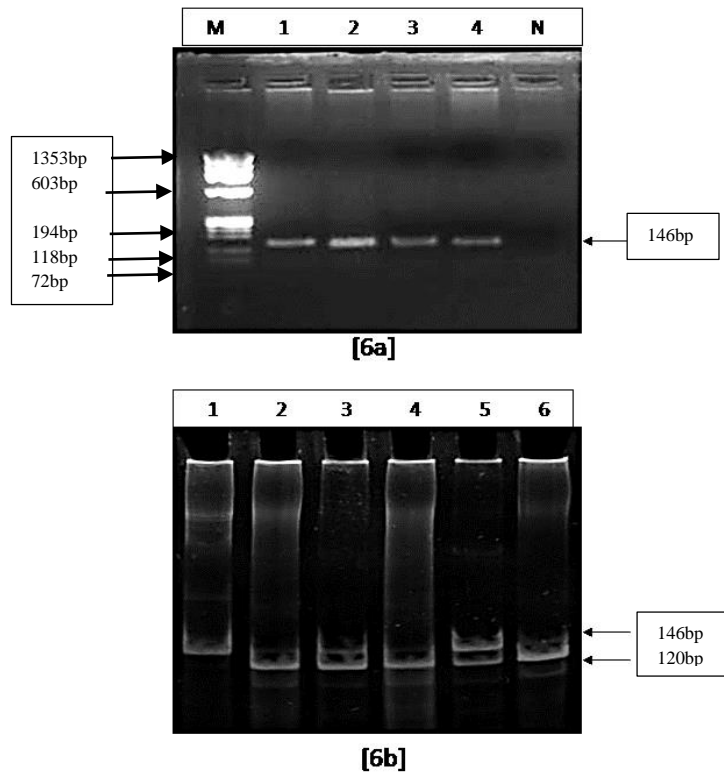
Supplementary Figure 2. Detail information of hsa-mir-196a2 SNP (rs11614913) and secondary structure (a) Sequence showing polymorphic site 'U' (b) Wild miR-196a2 (c) Polymorphic miR-196a2



Supplementary Figure (4)(a) Amplification of hsa-miR-146a by PCR on 2% Agarose Gel Electrophoresis. **(b) & (c)** Analysis of hsa-miR-146a G<C> polymorphism (rs2910164) by RFLP on 10% Native Polyacrylamide Gel Electrophoresis. **(b)** Lane M- ϕ X174/*Hae* III digested Molecular Weight Marker; lanes 1,3,4- heterozygous GC; lanes 2,5,6 – homozygous CC. **(c)** lanes1,2,5,6- heterozygous GC genotype; lanes 3,8- homozygous CC genotype; lanes 4,7- homozygous GG genotype.



Supplementary Figure 5(a) Amplification of hsa-miR-196a2 by PCR on 2% Agarose Gel Electrophoresis. **(b)** Analysis of hsa-miR-196a2 C<T> polymorphism (rs11614913) by RFLP on 10% Native Polyacrylamide Gel Electrophoresis. Lane M- ϕ X174/*Hae* III digested Molecular Weight Marker; lanes 1,3,4 & 8 – heterozygous CT genotype; lanes 2,5,6 & 7 – homozygous CC genotype; lane 9 – homozygous TT genotype.



Supplementary Figure 6(a) hsa-miR-499 PCR Product (146bp) Lane M- ϕ X174/*Hae* III digested Molecular Weight Marker; 1-4, Amplicon, N- Negative control; **(b)** 10% PAGE showing the RFLP of hsa-miR-499. Lane 1- homozygous genotype CC; lane 3,5- heterozygous CT genotype; lane 2,4,6- homozygous TT genotype.