**Supplementary Table 1.** PCR-RFLP condition for microRNA machinery genes polymorphism

| SNP | Ref. gene | Polymorphism | Forward primer (5′-3′) | Reverse primer (5′-3′) | Restriction enzyme* |
|---|---|---|---|---|---|
| rs13078 | *DICER* | A>T | 5′-CTA GTT TTC CTG CAG ACA ATG CA-3′ | 5′-GTA ATG CAC ATT CAC CAA AGT CA-3′ | *Bcc* I |
| rs3742330 | | A>G | 5′- GGT CTC AGT TTG GTG GCT TC -3′ | 5′- CCT GCC TTG ACA ACA TGA AA -3′ | *Ban* II |
| rs10719 | *DROSHA* | T>C | 5′-CTA GTT TTC CTG CAG ACA ATG CA-3′ | 5′-GTA ATG CAC ATT CAC CAA AGT CA-3′ | *Dra* III |
| rs6877842 | | G>C | 5′-GGG CGC AAA AAC ATG AGT GAC-3′ | 5′-TCC TCT CCA CAG CAA CGG AAT A-3′ | *Sau* 96I |
| rs14035 | *RAN* | C>T | 5′-GAA GCA CTT GCT CAA AAT CTG TGA C-3′ | 5′- TGC CAT CCA CTG ATG TTC CAT C-3′ | *Bsl* I |
| rs11077 | *XPO5* | A>C | 5′-TGC TTT GGG CAA GAA TCT GGT CAC-3′ | 5′-TAA AGG GGA TGT TAG CAC TAA AGA AT -3′ | *Bsm* I |

PCR-RFLP, polymerase chain reaction-restriction fragment length polymorphism; RAN, Ran GTPase; XPO5, exportin 5.
*All of the restriction enzymes were available from New England Biolabs (Ipswich, MA, USA) and the reaction conditions recommended by the instructions were used.