

**Supplementary information, Table S1** RT-PCR Primers for Detecting MLH1 and  $\beta$ -actin mRNA, pre-miR-422a, and pri-miR-422a (related to Figures 1-3)

Primer	oligo sequence	PCR size	
<b><math>\beta</math>-actin:</b>			
$\beta$ -actin F	5'-cttccttctctggcatggag-3'	315bp	*
$\beta$ -actin R	5'-tggagggggccggactcgtca-3'		
<b>MLH1:</b>			
MLH1-551-F	5' cagtacacaatgcaggca 3' (in <b>Exon 7</b> )	117bp	
MLH1-667-R	5' cattccaagatggagcga..3' (in <b>Exon 8</b> )		
<b>pri-miR-422a:</b>			
pri-miR422a-F	5' gatgcatac ctcattggtg agc 3'	198bp	
pri-miR422a-R	5'-tggaggccatgcctaaatgaac-3'		
<b>pre-miR-422a:</b>			
pre-miR422a-F	5' agaagcactggacttagggtc 3'	83bp	
pre-miR422a-R	5' ggaggacaaagcttggtca 3'		

\* These primers were previously described in Wang *et al.* <sup>1</sup>.

## REFERENCES

1. Wang J, Pitarque M, Ingelman-Sundberg M. 3'-UTR polymorphism in the human CYP2A6 gene affects mRNA stability and enzyme expression. *Biochem Biophys Res Commun* 2006; **340** (2):491-497.