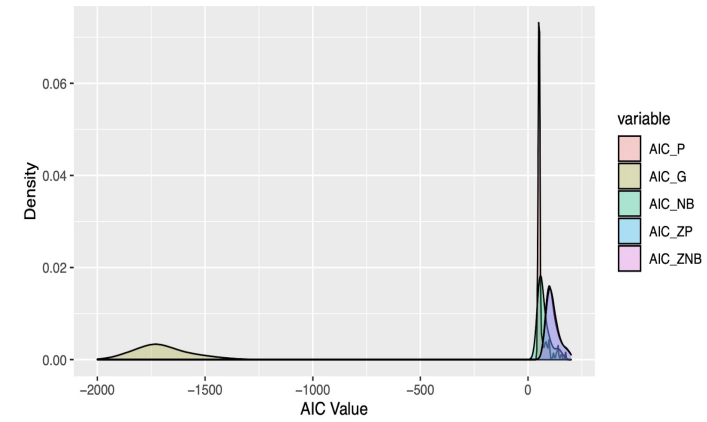


Supplemental Figure S2

A

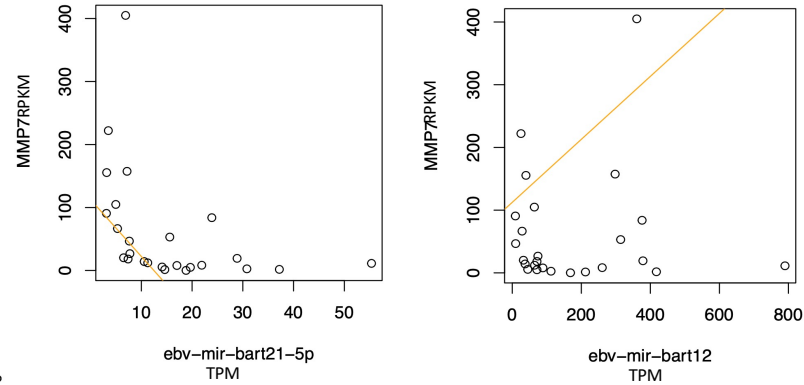


B

Multivariate Model

$$\text{MMP7} = (-9.02)\text{miRNA1} + (0.5)\text{miRNA2}$$

$p \text{ miRNA1} = 3.09\text{e-}05$, $p \text{ miRNA2} = 0.0002$
 $r^2 = 0.55$

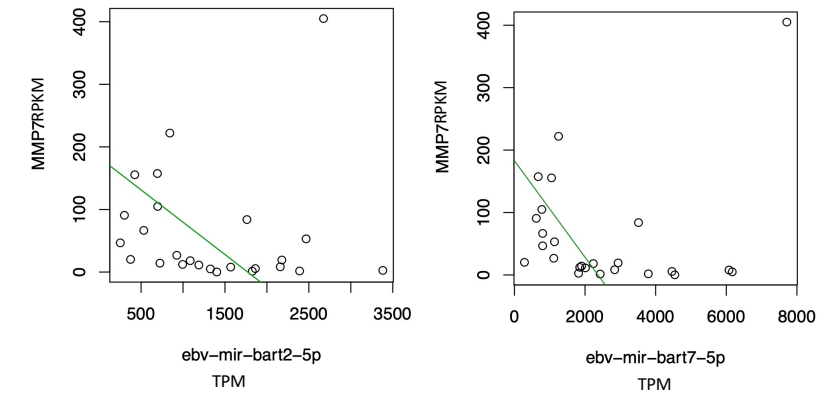


C

Interaction Model

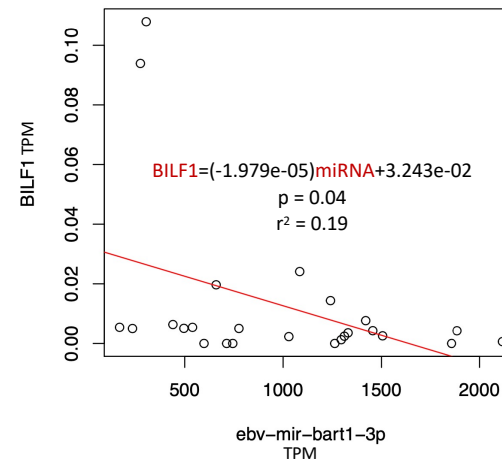
$$\text{MMP7} = (-1.034\text{e-}01)\text{miRNA1} + (-7.733\text{e-}02)\text{miRNA2} + (5.006\text{e-}05)\text{miRNA1} * \text{miRNA2} + 1.830\text{e+}02$$

$p \text{ miRNA1} = 0.000439$, $p \text{ miRNA2} = 0.000482$, $p \text{ miRNA1} * \text{miRNA2} = 3.69\text{e-}05$
 $r^2 = 0.58$



D

Univariate Model



E

Interaction Model

$$\text{BILF1} = (-1.199\text{e-}04)\text{miRNA1} + (-3.180\text{e-}0)\text{miRNA2} + (4.743\text{e-}04)\text{miRNA1} * \text{miRNA2} + 7.828\text{e-}02$$

$p \text{ miRNA1} = 9.25\text{e-}05$, $p \text{ miRNA2} = 0.000439$, $p \text{ miRNA1} * \text{miRNA2} = 0.000327$
 $r^2 = 0.58$

