

## **Supplemental Material to:**

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**p53 regulates nuclear GSK-3 levels through miR-34-  
mediated Axin2 suppression in colorectal cancer cells**

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### miRNA-34a-5p, -b-5p, -c-5p matched site on Axin2-3' UTR

hsa-miR-34a-5p 3' UTR (240-265)		-26.4 kcal/mol
hsa-miR-34a-5p 3' UTR (258-282)		-30.0 kcal/mol
hsa-miR-34a-5p 3' UTR (400-420)		-24.5 kcal/mol
hsa-miR-34a-5p 3' UTR (824-846)		-30.0 kcal/mol
hsa-miR-34b-5p 3' UTR (240-265)		-28.1 kcal/mol
hsa-miR-34b-5p 3' UTR (400-420)		-22.0 kcal/mol
hsa-miR-34b-5p 3' UTR (826-846)		-24.2 kcal/mol
hsa-miR-34c-5p 3' UTR (240-264)		-25.0 kcal/mol
hsa-miR-34c-5p 3' UTR (400-420)		-21.1 kcal/mol
hsa-miR-34c-5p 3' UTR (824-845)		-25.3 kcal/mol

### miRNA-34a-5p, -b-5p, -c-5p matched site on Axin2-5' UTR

hsa-miR-34a-5p 5' UTR (28-48)		-22.6 kcal/mol
hsa-miR-34a-5p 5' UTR (38-63)		-23.4 kcal/mol
hsa-miR-34b-5p 5' UTR (28-51)		-24.5 kcal/mol
hsa-miR-34c-5p 5' UTR (1-17)		-26.0 kcal/mol
hsa-miR-34c-5p 5' UTR (28-63)		-26.2 kcal/mol