

Supplementary Figure S2: 3'UTR sequences from *WEE1* cloned into the luciferase reporter constructs.

WEE1 luciferase plasmid insert with wild-type miR-497 binding sites: (WT WEE1) (NM_001143976)

5'
atTTTgatgattgctatgtcaggcTTTcatcctaattaccagtctgtcttctgtaggatgtgtcactgttggat
gttacaccagcctttccagggttaaccactgtggTGGTGTGCTGCTTatagtttgctgttgcattgtaataaaaag
gtgtctttccctgtagtgacctgtaaaaagtactcaagggctttattacagacataccctcccttgaaaaggga
catgctaaaagactcattactactcagccttcaatgtacctgtgtgtccatcttataatttcttttttttttaatt
gtgaattagacttgatatcccactgggagcactttgtaggcattgcatgaacctgggatgatgattctgtgga
ggattgccttggaattTGTGCTatTTTtagtttTgtcttTgtctgtaaaactTgtagcattaaacaatcattgtt
3'

WEE1 luciferase plasmid insert with first miR-497 binding site mutated: (Mut1 WEE1)

5'
atTTTgatgattgctatgtcaggcTTTcatcctaattaccagtctgtcttctgtaggatgtgtcactgttggat
gttacaccagcctttccagggttaaccactgtggTGGTGTGCTATTCtatagtttgctgttgcattgtaataaaaag
gtgtctttccctgtagtgacctgtaaaaagtactcaagggctttattacagacataccctcccttgaaaaggga
catgctaaaagactcattactactcagccttcaatgtacctgtgtgtccatcttataatttcttttttttttaatt
gtgaattagacttgatatcccactgggagcactttgtaggcattgcatgaacctgggatgatgattctgtgga
ggattgccttggaattTGTGCTatTTTtagtttTgtcttTgtctgtaaaactTgtagcattaaacaatcattgtt
3'

WEE1 luciferase plasmid insert with both miR-497 binding sites mutated: (Double Mut WEE1)

5'
atTTTgatgattgctatgtcaggcTTTcatcctaattaccagtctgtcttctgtaggatgtgtcactgttggat
gttacaccagcctttccagggttaaccactgtggTGGTGTGCTATTCtatagtttgctgttgcattgtaataaaaag
gtgtctttccctgtagtgacctgtaaaaagtactcaagggctttattacagacataccctcccttgaaaaggga
catgctaaaagactcattactactcagccttcaatgtacctgtgtgtccatcttataatttcttttttttttaatt
gtgaattagacttgatatcccactgggagcactttgtaggcattgcatgaacctgggatgatgattctgtgga
ggattgccttggaattGAATATCattTTtagtttTgtcttTgtctgtaaaactTgtagcattaaacaatcattgtt
3'

WEE1 luciferase plasmid insert with second miR-497 binding site mutated: (Mut2 WEE1)

5'
atTTTgatgattgctatgtcaggcTTTcatcctaattaccagtctgtcttctgtaggatgtgtcactgttggat
gttacaccagcctttccagggttaaccactgtggTGGTGTGCTGCTTatagtttgctgttgcattgtaataaaaag
gtgtctttccctgtagtgacctgtaaaaagtactcaagggctttattacagacataccctcccttgaaaaggga
catgctaaaagactcattactactcagccttcaatgtacctgtgtgtccatcttataatttcttttttttttaatt
gtgaattagacttgatatcccactgggagcactttgtaggcattgcatgaacctgggatgatgattctgtgga
ggattgccttggaattGAATATCattTTtagtttTgtcttTgtctgtaaaactTgtagcattaaacaatcattgtt
3'