

**Supplemental Table 1**

<b>Primer</b>	<b>Use</b>	<b>Sequence</b>	<b>Binding Location</b>
<b>cDNA Quality Control Primers</b>			
B-actin forward	PCR (control to ensure cDNA synthesis)	5' - CCT AAG GCC AAC CGT GAA AAG - 3'	Exon 2
B-actin reverse	PCR (control to ensure cDNA synthesis)	5' - TCT TCA TGG TGC TAG GAG CCA - 3'	Exon 4
<b>qPCR Primers (for steady state &amp; nascent mature mRNA)</b>			
B2m qPCR forward	qPCR (	5' - TGG CTC ACA CTG AAT TCA CCC CCA - 3'	Exon 2
B2m qPCR reverse	qPCR	5'- TCT CGA TCC CAG TAG ACG GTC TTG G - 3'	Exon 2
E2F1 qPCR forward	qPCR	5'- CGA TTC TGA CGT GCT GCT C -3'	Exon 1
E2F1 qPCR reverse	qPCR	5'- CAG CGA GGT ACT GAT GGT CA -3'	Exon 2
Cybb qPCR forward	qPCR	5' – CAA GAT GCC TGG AAA CTA CCT – 3'	Exon 9
Cybb qPCR reverse	qPCR	5' – CCA CTA ACA TCA CCA CCT CAT AG – 3'	Exon 10
Acly qPCR forward	qPCR	5' - CCA GTG AAC AAC AGA CCT ATG A - 3'	Exon 9
Acly qPCR reverse	qPCR	5' - AAT GCT GCC TCC AAT GAT G - 3'	Exon 10
Accs qPCR forward	qPCR	5' -CCT CCG TCA GCT CAG ATA CA - 3'	Exon 1
Accs qPCR reverse	qPCR	5' -TTT ACT AGG TGC AAG CCA GAC A- 3'	Exon 2
miR-342 forward	qPCR	TaqMan microRNA assay hsa-miR-342-3p Assay ID 002260	N/A
miR-342 reverse	qPCR	TaqMan microRNA assay U6 snRNA Assay ID 001973	N/A
miR-223 forward	qPCR	5' - GTG TCA CGC TCC GTG TAT TT - 3'	N/A
miR-223	qPCR	5' - GGG TAT TTG ACA AAC TGA CAC TCT A	N/A

reverse		- 3'	
U6 snRNA forward	qPCR	5' GCT TCG GCA GCA CAT ATA CTA - 3'	N/A
U6 snRNA reverse	qPCR	5' GGC CAT GCT AAT CTT CTC TGT - 3'	N/A
Adgre1 forward	aPCR	5' - GTG GTC ATA ATC TCT GCT TCT GT - 3'	Exon 17
Adgre1 reverse	qPCR	5' - AAA CTC CAG ATA AAC CCC GTC - 3'	Exon 18
Spi1 forward	qPCR	5' - ATT CGC CTG TAC CAG TTC CTG C - 3'	Exon 5
Spi1 reverse	qPCR	5' - TGG ACG AGA ACT GGA AGG TAC C - 3'	Exon 5
E2F1 Before exon 1 reverse	Strand specific PCR	5' - CAC TTT TAC CGC CCA AAT C - 3'	5' UTR
E2f1 before exon 1 forward	Strand specific PCR	5' - AAC CAA TGC TCG CCA TCG GA - 3'	5' UTR
E2f1 intron 1 far forward	Strand specific PCR	5' GAC CTA CCT CTC TAC CTT GTC ATG TA - 3'	Intron 1
E2f1 intron 1 far reverse (sense)	Strand specific PCR	5' - TAG GTT TCA CTA TGT AGC CCT GG - 3'	intron 1
<b>ChIP Primers</b>			
E2F1 ChIP forward	ChIP (PU.1 binding site)	5' - AGA GAT GGG GAA GTG CTT CAC G - 3'	Intron 1
E2F1 ChIP reverse	ChIP (PU.1 binding site)	5' CGC ACT CCC TAG CCA TAG GTT C - 3'	Intron 1
Cybb ChIP forward	ChIP (PU.1 binding site)	5'- TGC CCC AAA GCT GCT GTT TTC -3'	5' UTR (promoter)
Cybb ChIP reverse	ChIP (PU.1 binding site)	5'- GGA GAG TCC TTC ATT CAC AGC C -3'	Exon 1
E2F1 - non PU.1	ChIP (non-PU.1 binding site)	5' - GTT CCA GGA CAG TCA GGG CTA TAC AG - 3'	Intron 4
E2F1 - non PU.1	ChIP (non-PU.1 binding site)	5' - CCA TCT CTC CAG TCC TTG GCT TC - 3'	Intron 4



Primers for Plasmid Construction				
Adding NotI site to E2F1 origene plasmid	Plasmid Construction	5'-AGC GGC CGC CGG GAA TTC GTC GAC TGG-3'	Forward	N/A
Adding NotI site to E2F1 origene plasmid	Plasmid Construction	5'-AGC GGC CGC TTT GCT GCC AGA TCC TCT TC-3'	Reverse	N/A
E2F1 intron 1 cloning from Genomic DNA	Plasmid Construction	5'-CGA TTC TGA CGT GCT GCT C – 3'	Forward	N/A
E2F1 intron 1 cloning from Genomic DNA	Plasmid Construction	5'-TTT CTA GGG CCC CTG CCT AA – 3'	Reverse	N/A
Adding BglII site to E2F1 intron 1 fragment	Plasmid Construction	5'-GCA GAT CTA TTG ACT GAC TGC CTT GCC TGT -3'	Forward	N/A
Adding BglII site to E2F1 intron 1 fragment	Plasmid Construction	5'-GCA GAT CTT GCA GAG AAG GCC TCC CAA T - 3'	Reverse	N/A
Mutagenesis of PU. 1 binding site	Site Directed Mutagenesis	5'- CTG CCA GAG GGA GGA CCT GAG GCC CA – 3'	Forward	N/A
Mutagenesis of PU. 1 binding site	Site Directed Mutagenesis	5'- ATG GGC ACG TGA CAA CAC CCA G – 3'	Reverse	N/A
miR-223 447 bp product chrX:96242701+9 6243147	Plasmid Construction	5' - TAG GAT CCC ATG TTA GTG TCT GCC ATT TGT CTC - 3'	Forward	N/A
miR-223 447 bp product chrX:96242701+9 6243147	Plasmid Construction	5' - TCG AAT TCC CTG TAT CCC TCA TGT ACC ACT ATG - 3'	Reverse	N/A