

## Data S1. Oligo DNA sequences used in this study

5'ant-1 (GCC CAA CAC GAC TAC AAA C)  
ACT2-1 (GCC ATC CAA GCT GTT CTC TC)  
ACT2-2 (GCT CGT AGT CAA CAG CAA CAA)  
ANT1600rc (TCA TAT CTA CCA GTC CAT CTA T)  
BP681 (GCT CCT CAA GAA TCA ATC A)  
BP3100rc (AAG CTA TAA GTA GCA AAC TGA TGT AG)  
CycD2.501 (ATG GCT GAG AAT CTT GCT TG)  
CycD2.801rc (ATT TAG AAT CCA ATC AAG AGC)  
CycD3.501 (TGG ATT TAG AAG AGG AGG AA)  
CycD3.935rc (AAG GAA CAC GGA TCT CTT CAA)  
Elk1-185rc (CGT AGG TCT CCA ATA GCT GGA)  
Elk1-300rc (TCC ATA TAA CAG ATT CTC)  
Elk2-185rc (ATC AAA TCT CCA AGG GCA GAT)  
Ekl2-300.rc (TCC AAA CAA CAA ATT GGT)  
er-105 (AGC TGA CTA TAC CCG ATA CTG A)  
ERg2248 (AAG AAG TCA TCT AAA GAT GTG A)  
ERg4359 (CAA CAA TGA TCT GGA AGG AC)  
ERg5757rc (TGA CAC GGT GAG TTT AGC CAA)  
ERL1.14coding (GGC TCT TTC AGC AAC TTA GT)  
ERL1-3endrc (CGT CTA GAT TAT ATG CTA CTT TTG GAG ATG)  
ERL1-5end (GCT CTA GAA ATG AAG GAG AAG ATG CAG C)  
ERL1g-3680link (AGG AAT TCA CAC CAA TAA AAA TAC ACA GCA)  
ERL1g403linkrc (AGG AAT TCG TCG ACT TCT TCT TAT TCT TCT TTC CTT TTG G)  
ERL1g2846 (TAT CCC ACC GAT ACT TGG CA)  
ERL1g3036 (GTC ACG TCT CAG CTA TTT GTA AGC TTG TT)  
ERL1g4411rc (CCG GAG AGA TTG TTG AAG GA)  
ERL1g6054rc (CTTCTGCATCAGGATTCCTAACTT);  
ERL2.3coding(GGCGATAAAGGCTTCATTCA)  
ERL2-3endrc (CGT CTA GAT TAT AAG CTA CTT TTG GAG ATA)  
ERL2-5end (GCT CTA GAG ATG AGA AGG ATA GAG ACC A)  
ERL2g-4364link (AGG AAT TCG TGA TTA GGA GAC GAG GTA GAT A)  
ERL2g4linkrc (AGG AAT TCG TCG ACC TTC TTC TTC TTC CTC AAG A)  
ERL2g2166 (GCC TAT TCC ACC AAT ACT TG)  
ERL2g3085 (CTG TCT GGC AAC AAT TTC TCA)  
ERL2g3182rc (ACA AAT CTG AGA GAG TTA ATG CAA AGC AG)  
ERL2g4254rc (AGC CAT GTC CAT GTG AAG AA)  
ERL2g5352rc (TTGTATCTGAAGAGTGGCTCTCAC)  
ERLK765 (TAC CCA ATA CTT AGC TCT GGGC TTG TTC TT)  
ERLK6137rc (TCC TTC CAA TCA GCA TTA CTA TCT TCC TT)  
ERTJ70 (AAC AAC GAA GGT TCT AGC TCT TTC AAA AT)  
STM781 (TGG AGA TCC ATC ATA ACG AAA T)  
STM2354rc (GAC CCA TTA TTG TTC CTA TCA A)  
U3WUS5 (GTG AAC AAA AGT CGA ATC AAA CAC ACA TG)  
U34WUS3rc (GCT AGT TCA GAC GTA GCT CAA GAG)