

Data S1 The pre-miRNAs of potential miRNAs in *C. sinensis*

miR156

| UUUA C C -- CU
 GAUGA GACAGAAGA AG GAGC UGG AG AAGGAU GGUUGAAAGGG G
 CUACU UUGUUUUUU UC CUCG ACC UC UUCCUA CCGACUUUUC U
 ^ -- C - - - - GU CU

miR171a

UAAAAG C A A G AA-| U
 GGAAAG AAUAUUG CG GGUUCAAUUCAAG UG UUAUGUU \
 UUUUUC UUUAUAC GC CCGAGUUAGGUUU AC AAUACAA U
 ----- ACG G AGA^ G

miR171b

UGAU| A CG G AGA G
 UUUUC UUUAUAC GC CCGAGUUAGGUUU AC AAUACAA \
 GAAAG AAUAUUG CG GGUUCAAUUCAAG UG UUAUGUU U
 G---^ C A A G AA- U

miR397

U - A CAAGAAA UC -----| G CU
 GCGUAGUAG UGCG ACGUG GUUAUUGGU AGU UAUCGU UUG UGUUGUU \
 CGCAUUGUU AUGC UGCAC CAGUGACUA UUA AUAGUA AAC GCAACAA G
 C U - ----- GA UAACUAGUAUC^ G CA

miR399

A - C A A AAC U---| U
 UAAGC GAA CAGUU UAGGGCAAC CUCC GGCAGCUG UCCUAG \
 AUUCG CUU GUUAA AUCCCGUUG GAGG CCGUUGAC AGGGUU C
 A A C C AGAA UAGC^ U

miR2863

| C UCUCCAGU AUCUAUC
 UCUCUC UCUA AUAC AUUCU UUUAGC CU U
 AGGGAG AGAU UGUG UGAGA GGAUCG GA A
 ^ - UU- UU A- U AAUAUUAU

miR2911a

-- CC AA -- -| U GA GA U
 UCCCAG CCG CCC GUCGGC UG CCGCG CUGCUC GCUGC C
AGGGUC GGC GGG CCGCG GC GCCGC GGCAG CCGCG C
 CA A-AGGC U^ - UG AG C

miR2911b

G CGAA - -| U GA GA U
 UCCCAGUCC CCC GUCGGC UG CCGCG CUGCUC GCUGC C
AGGGUCAGG GGG CCGCG GC GCCGC GGCAG CCGCG C
 A CAGGC U^ - UG AG C

miR5021a

- - C C CUUC - U - AA CUA| - UUAUCUA AA UC---- A
 CCCUC CUC CU CUUCUUC UCUUCUU GC UCGUCGUU UC UCUU GU ACUU UUGA UGUGU CCCUUCU CUCUAGUU \
 GGGAG GAG GA GAAGAAG AGAAGA UG AGCGGCAA GG AGAA CG UGGA AACU AUACG GGAAGA GAGAUCAG U
 A A - AAGCU A U U -- UG-^ C UAGCAACC A- UCGGAU A

miR5021b

A AG GAGAA UUGA U U CGUG--- C UAGCAACC| A--- UACGAU A
 GGGAG GAG AGA AGAAG AGAAGAAG AAGC AGCGGCAA GG AGAA UGGA AACU GUACG GGAAGA GAGAUCAG \
 CCCUC CUC UCU UCUUC UCUUCUUC UUCG UCGUCGUU UC UCUU ACUU UUGA UAUGU CCCUUCU UUCUAGUU U
 - CU --- G - C--- U - AAGUCUA - UAUAUC--^ GUAA UC---- C

miR5368a

- UUA UUC G- G UU--- -| GCUU - GGCGAAGAA U
 CCCUAU GAAGCU CUG CCUGGGAUUG CUUUGG CC UCCUG CGCA AGGU GGAG GGCCCCU C
 GGGGUA CUUGA GAU GGACUCUGAC GAACC GG AGGAC GUGU UCCA UCUU CCGGGGG C
 U CA- --- AG G CAUCC U^ ---- A AAGAUCG-- G

miR5368b

UUU C- G- G UU--- -| GCUU - GGCGAAGAA U
 ACUGUU CCUGGGAUUG CUUUGG CC UCCUG CGCA AGGU GGAG GGCCCCU C
 UGACAG GGACUCUGAC GAACC GG AGGAC GUGU UCCA UCUU CCGGGGG C
 UU- AUAG G CAUCC U^ ---- A AAGAUCG-- G

miR6483a

AC--AU -----| C AGC C
UAGGGUUUUA GA GUUAUUA ACC AUCC GAU \
 AUCCGGAGAUU CU CAGUAAU UGG UAGG CUA A
 UAUC C - AUAAUAGCAUAAUCG^ A GAA U

miR6483b

UUA CAU -----| C AGC C
 GUA UAGGGUUUUA GA GUUAUUA ACC AUCC GAU \
 UAU AUCCGGAGAUU CU CAGUAAU UGG UAGG CUA A
 UUC CC C - AUAAUAGCAUAAUCG^ A GAA U