

sRNA	Sequence
C0067	AUGUCUGUGGCGAAAAUUGACUACCUUCGUUUUUUUGAUUAAGAAUGAUUUUAUUUUCGUAAGUAA AAUUACAUGAAUAAUUUAAAAAGGAAAAACGACAUGAAACCGAAGCACAGAAUCAACAUUCU
C0293	UCACCCGGGACUCGCCAGGGGACAGCCAACAGGCAUUGGGUGCAAUCACCUUAGCGUUCAGGUAC AUGCGGAA
C0299	GCCACGUGAGCACAAAGAUAAAGAGAACGAAAAAUCAGCAGCCUAUGCAGCGACAAUAUUGAUAGC CUGAAUCAGUAUUG
C0343	CUGUCCAGUGCCCGAUCCGAUCCUCGCCCGCAACCAUGCCUGACCCACCACCCGAUGAAGAA CCGAUUAAAAU
C0362	AACUUUAAGCUGAAAAUGGCGCUGUAAAAGGCGCCAUUUUCAUAUUGUAGACAACGUAGGCCUUUG UUCAUGCCGGAUGCGGCGUGAACGCCUUUUAUCCGGCAUGAAAACCCUUCAAAUCCAAUAGAUUGCA GUGAACGUGUAGGCCUGAUAAAGCGUAGCGCAUCAGGCAAUGUUGCGUUUGUCAUCAGUUUCAAU GGCGCUGUAAAAGGCGUCAUUUCAUAUUGUAGACAACGUAGGCCUUUGUUCAGCCGGAUGCGGC GUGAACGCCUUUUAUCCGGCAUGAAAACCCUUCAAAUCCAAUAGAUUGCAGUGAACGUGUAGGCCUG AUAAGCGUAGCGCAUCAGGCAAUGUUGCGUUUGUCAUCAGUUCUAAAUGGCGCUUUUAUAAA
C0465	GGGAAACUUUAUUGCUGAUGCCACCCGCCGCAAAUUGAAAAUAAAAACCCGAUGCGCAGAUCAU CGGGUUCAUUUCA
C0614	GGCCGGUGUCGAUAAUACGCUAAAAUAAACAAUAAUACUCUCUUUUGCUUGACAAAAAGAGAGUU ACUGGUGAGUAUUGUUUUGCUG
C0664	UGUGCCUAAAAUGUCGGAUGCGACGCGUGGCGCGUCUUAUCCGACCUACGGGGACGCAUGUGUAGG CCGGAUAAGGCGUUUACGCCGCAUCCGGCAAUGGUGUCCAAAUGCAAC
C0719	UAUAGGCGUUAUACUUUACAGCAACAGUACGCCGCUAACGCAAUUGCUACCUCUGGCAUAACAAG UAUAUCGGGUAAAGGGUUUCUGUUCGCGACACGCAGACGCAGAGUAUCGUUAAGAUGUCCAUUUG UUGUUUUAGGCCCGCUAGUAAUGCGCUACGGGUUUUAAUAUUGUUAACCCUGAUAAUCGCUC GGUUAUUUCCGGGAUAAAUGUACUACC
csrB	GAGUCAGACAACGAAGUGAACAUCAGGAUGAUGACACUUCUGCAGGACACACCAGGAUGGUGUUU CAGGGAAAGGCUUCUGGAUGAAGCGAAGAGGAUGACGCAGGACGCGUUAAGGACACCUCAGGA UGGAGAAUGAGAACC GGUCAGGAUGAUUCGGUGGGUCAGGAAGGCCAGGGACACUUCAGGAUGAA GUAUCACAUCCGGGUGGUGUGAGCAGGAAGCAAUAGUUCAGGAUGAACGAUUGGCCGCAAGGCCA GAGGAAAAGUUGCAAGGAUGAGCAGGGAGCAACAAAAGUAGCUGGAUUGCUGCGAAACGAACCG GGAGCGCUGUGAAUACAGUGCUCCCUUUUUUAUU
csrC	AUAGAGCGAGGACGCUAACAGGAACAAUGACUCAGGAUGAGGGUCAGGAGCGCCAGGAGGCGAAG ACAGAGGAUUGUCAGGAAGACAAACGUCCGGAGACGUAAUUAACGGAAUUGGAUUAACACGGA UUGUUCGGGCUAAAAGGAAAAACAGGGUGUGUUGGCGGCCUGCAAGGAUUGUAAGACCCGUUAAGG GUUAUGAGUCAGGAAAAAAGGCGACAGAGUAAUCUGUCGCCUUUUUUUU
dicF	UUUCUGGUGACGUUUGGCGGUAUCAGUUUUACUCCGUGACUGCUCUGCCGCCC
dsrA	AACACAUCAGAUUUCUGGUGUAACGAAUUUUUUAAGUGCUUCUUGCUUAAGCAAGUUUCAUCCC GACCCCUACAGGGUCGGGAUUU
gadY	ACUGAGAGCACAAAGUUUCCCGUGCCAACAGGGAGUGUUUAUAAACGGUUUAUAGUCUGGAGACGG CAGACUAUCCUCUUCCTCGUCCCUAUGCCGGGUUUUUU
gcvB	ACUUCUGAGCCGGAACGAAAAGUUUAUCGGAUUGCGUGUUCUGGUGAACUUUUGGCUUACGGU UGUGAUGUUGUGUUGUUGUUGCAAUUGGUCUGCGAUUCAGACCAUGGUAGCAAAGCUACCUU UUUUCACUUCUGUACAUAUACCCUGUCUGUCCAUAGUGAUUAAUGUAGCACCGCCUAAUUGCGG UGCUUUUUUU
IS128	UUUAGCGUAUUAUCGACACCGGCCUUUCCGCCGUGUUCGGUAAUAAAAUAAACCUGGCUAUUAG UCCGAAUUCAGACAAAUAUAAAUAUAAUCCUGCUAAAAUAAAAUUCUAACCGGUAAGAAUUAU UACUUAACAUGUAAAUAUACUUUCCUUUAAAAACAAAAACCGCCAAAUCAGGCGGUUUUU GUUGCUGGUCCGGU
isrA	UGAAAUCUGUCACUGAAGAAAAUUGGCAACUAAAGGUUAAAACCGUUAUAACACAGUACCCGGCG CAGAGGAGACAAUGCCGGAUUUAAGACGCGGAUGCACUGCUGUGUACUGUAGAGUCUGGCGGA UGUCGACAGACUCUAUUUUUUUAUGCAG
isrB	GACAAUAACACCUUGUAUAACAAAUGGUCGGAGUGCCGCGAUGAAACUGCGCAAAUCCUGAAAAG UAUGUUAUAUAACUAUUGCAAGACGUUCAAAGACGUACCGCCAGGCAAUAUGUCCGAUAACAAA AAACCUGCUCCGGCAGGUUUUUUUGUGUCC
isrC	ACGAUCAUAUUCUAUUUUUAUCGAUCGUUUUAUUCGAUCGAUAAGCUAAUAAUAACCUUUGUCAGU AACAUGCACAGAUACGUACAGAAAGACAUUCAGGGAACAACAGAACCACAAUUCAGAAACUCCCA CAGCCGGACCUCCGGCACUGUAACCCUUUACCUGCCGGUAUCCACGUUUGUGGGUACCGGCUUUU UUAUUCACC
micA	GAAAGACGCGCAUUGUUAUCAUCAUCCUGAAUUCAGAGAUGAAAUUUUGGCCACUCACGAGUG GCCUUUU

micC	GUUAUAUGCCUUUAUUGUCACAGAUUUUAUUUUUCUGUUGGGCCAUUGCAUUGCCACUGAUUUUCC AACAUUAAAAAGACAAGCCCCGAACAGUCGUCCGGGCUUUUUUU
micF	GCUAUCAUCAUUAACUUUAUUUAUUUACCUGCAUUCAUUUUCUGAAUGUCUGUUUACCCCUAUUUCA ACCGGAUGCCUCGCAUUCGGUUUUUUUU
omrA	CCCAGAGGUAAUUGAUUGGUGAGAUUAUUCGGUACGCUCUUCGUACCCUGUCUCUUGCACCAACCU GCGCGGAUGCGCAGGUUUUUUUU
omrB	CCCAGAGGUAAUUGAUAGGUGAAGUCAACUUCGGGUUGAGCACAUAAUUAACACAGCCUGCGCAG AUGCGCAGGUU
oxyS	GAAACGGAGCGGCACCUCUUUUAAACCCUUGAAGUCACUGCCCCGUUUCGAGAGUUUCUAAUCUGA AUAACUAAAGCCAACGUGAACUUUUGCGGAUCCAGGAUCCGCU
psrD	UAGGCAUAUUUUUUUCCAUCAGAUUAUAGCGUAUUGAUGAUAGCCAUUUUAAACUAUGCGCUUCGU UUUGCAGGUUGAUGUUUGUUAUCAGCACUGAACGAAAAUAAAGCAGUAACCCGCAAUGUGUGCGA AUUAUUGGCAAAAAGGCAACCACAGGCUGCCUUUUUCUUU
psrN	GCAAAAGGGGAGUAACUUCAUUGCCGGUCGAUCGCAUUAACGAUGUGUGAAAAAACACAUCCGGUC ACCGGGCAACCCGAAAGGAUACGCAGACGUUUCUUUUUGUUGUAAGUGAGACCUUGCCGGA AGGCGAGGUCUAUGCAUAAAAAGCAGCGGCUGACGUCUCCGACGUUGGCCGUUUUUU
psrO	AUCUUCUGCGCAUCCUCGCGACUAAUGACAACCCUAACCCAGCUCUAUGUGGGUAAAGCCUCUCA UUAGCCGCGCAACCUCUGCAACGGAAGAUCAUUCAUAGCAACAUAUAGUUUCCAGUGAAU UGCUGCCGUCAGCUUGAAAAAAGGGGCCACUCAGGCCCCCUUUU
rdlA	GUUCUGGUUCAAGAUUAGCCCCCGUUCUGUUGUCAGGUUGUACCUCUCAACGUGCGGGGGUUUUC UC
rdlB	GUCUGGUUUCAAGAUUAGCCCCCGUUCUGUUGUCAGGUUUUACCUCUCAACGUGCGGGGGUUUUC U
rdlC	GUCUGGUUUCAAGAUUAGCCCCCGUUUUGUUGUCAGGUUUUACCUCUCAACGUGCGGGGGUUUUC UCU
rdlD	GUCUAGAGUCAAGAUUAGCCCCCGUGGUGUUGUCAGGUGCAUACCUGCAACGUGCGGGGGUUUU
rprA	ACGGUUAUAAAUCAACAUAUUGAUUUUAUAAAGCAUGGAAAUCCCCUGAGUGAAACAACGAAUUGCU GUGUGUAGUCUUUGCCCAUCUCCACGAUGGGCUUUUUUU
rseX	UUUUUAUUAUUCUGUGUCAUGAUUGUUCGGUUAUUAAGCCUUUUUAUCGUCUUGUUUAUUAUUUUUG GGCCGGCAUGAUGCCGGCUUUUUUU
rttR	CAAAAGUCCCUGAACUUCCTAACGAAUCCGCAAUUAAAUUUCUGCCCAUGCGGGGAAGGAUGAG AAGCUUCGACCAAGGUUCGACUCGAGCGCCAGCGAGAGAGCGUUGCCGAGGCAACGACCCGAAG GGCGAAGCGCGCAGCGCUGAGUAAUCCUCCCCCACCACCA
rybA	UCAUCCCUCAAGGAUCGACGGGAUUGCAAGUCAGGAGGUCUUAUGAAUGAGUUCAAGAGGUGUA UGCGCGUGUUUAGUCAUUCUCCCU
rybB	GCCACUGCUUUUCUUUGAUGUCCCCAUUUUGUGGAGCCCAUCAACCCCGCCAUUUCGGUUCAAGG UUGAUGGGUUUUUUGU
rydB	AUUUAUUCUUAUCGCCCCUUCAAGAGCUAAGCCACUGAGAGUGCCGGAGAUAAAGCGCCGGAUGGGG UAG
rydC	CUUCCGAUGUAGACCCGUAAUUCUUCGCCUGUACCACGGGUCGGUUUUAGUACAGGCGUUUUCUU
ryeA	AAAGUCAGCGAAGGAAAUGCUUCUGGCUUUUAACAGAUAAAAAGAGACCGAACACGAUUCUGUA UUCGGUCCAGGGAAAUGGCUCUUGGGAGAGAGCCUGCGCUAAAAGUUGGCAUUAUUGCAGGCUU AGUUGCCUUGCCCUUUAAAGAAUGAUGACGACGCCAGGUUUUCCAGUUUGCGUGCAAAAUGGUCA AUAAAAAGCGUGGUGGUCAUCAGCUGAAAUGUUAAAAACCGCCCGUUCUGGUGA
ryeB	GCUGAUGACCACCACGCUUUUUUAUUGACCAUUUUGCACGCAAACUGGAAAACCGGCGUCGUCAU CUAUUCUUAAGGGCAAGGCAACUAAGCCUGCAUUAUGCCAACUUUUAGCGCACG
ryeC	GUGAGGGUUAAGGAGAGGUUUCCCCCUCCCCUGGUGUUCUUAAGUAAGCCUGGAAGCUAAUCACU AAGAGUAUACACAGUAUGAUGACGUGCUUCAUCAUAACCCUUUCCCUUAUUAAGCCCUUCUCUC CGGGAGAGGCUUU
ryeD	GUGAGGGUAGAGCGGGGUUUCCCCCGCCUGGUAGUCUUAAGUAAGCGGGGAAGCUUAUGACUAAG AGCACACGAUGAUGAGUAGCUUCAUCAUGACCCUUUCCCUUAUUUAUGGCCCCUUCUCGGGAGG GGCUUU
ryeE	UCGCGUAAAAACAUAACCCAUAAAAUGCUAGCUGUACCAGGAACCACCUCCUAGCCUGUGUAAU CUCCCUUACACGGGCUUAUUU
ryfA	GCGGCCCUUUCGCGGUCUCGCAAACGGGCGCUGGCUUUAGGAAAGGAUGUCCGUGGCGGUAAA UGCAGGUGUUUCACAGCGCUUGCUAUCGCGGCAUAUUCGCCAGUGGUGCUGUCGUGAUGCGGUCU UCGCAUGGACCGCACAAUGAAGAUACGGUGCUUUUGUAUCGUACUUAUUGUUUCUGGUGCGCUGU UAACCGAGGUAAAUAUAACCGGAGUCUCUCCGGCGACAAUUUACUGGUGGUUAAACAACCUUCAG AGCAGCAAGUAAGCCGAAUGCCGCCCCUUGGGCGGCAUUAUUU
ryfB	CGUUAUUGAAGAUUUUGCUGUGCUUUACACCAUGCCACAGAAUCCCCCAUUGAAACGAGUGGUG UCGUCAAAGCUCUGGUGUGGAGUGCAGCAUGCACCCUCAUAACUCGCACGUUCAGUUUUGGGGA

	GAUGUAAGGGCUAAUCUGAAUGGCUGCAUUCUUGUUUAAGGAAAAACGAAUGACUGAUUGCCGA UACCUGAUUAAACGGGUCAUCAAAAUCAUCAUUGCUGUUUACAGCUGAUCCUUCUGUUCUUAUA ACACAAGGAAACGUACUUAAGGUGCGUCCGGUGAACCAGUCGGACGCACCUUUAUAUAC
ryfC	GUUGAGGGUGCAUGCUGCACAAAAUUAAGUUAAAAAGUAAAACCCCGUCCUUAACCAGUUCGG GGGUUUUACUUU
ryfD	AAUCAAGACGAUCCGGUACGCGUGAUUUUCUUUUCACAUUAAUCUGGUCAAUAACCUUGAAUAAU UGAGGGGAUGACCUCAUUUAAUCUCCAGUAGCAACUUUGAUCCGUUAUGGGAGGAGUUAUGCGUCU GGAUCGUCUUACU
rygC	GUAAGGGUAAGGGAGGAUUGCUCCUCCCCUGAGACUGACUGUUAUAAGCGCUGAAACUUAUGAG UAACAGUACAAUCAGUAUGAUGACAAGUCGCAUCAUAACCCUUCUCCUUAAGCCCUCGCUUCGG UGAGGGCUUU
rygD	ACAAGGGUGAGGGAGGAUUUCUCCCCCUCUGAUUGGCUGUUAUAAGCUGCGAAACUUAACGAGU AACAACACAAUCAGUAUGAUGACGAGCUUCAUCAUAACCCUUCUCCUUCUGUAAGGCCCCCUUCU CGGGAGGGGCUUCC
rygE	ACAAGGGUAAGGGAGGAUUUCUCCCCCUCUGAUGAGUUGUUAAGUAGUAGUCGGGAAACUUAACAGU AACAACACAACCAGUAUGAUGACGAGCUUCAUCAUAACCCUUCUCCUUAACAAGGCCCCUUCUUC GGGAGGGGCUUU
ryhA	GUGCGGCCUGAAAAACAGUCGUGGCCUUGUAACUCAUCAUAAUAAUUUACGGCGCAGCCAAGA UUUCCCGUGUGUUGGCGCAGUAUUCGCGCACCCCGGUCUAGCC
ryhB	GCGAUCAGGAAGACCCUCGCGGAGAACCUGAAAGCACGACAUUGCUCACAUUGCUCUCCAGUAUUA CUUAGCCAGCCGGGUGCUGGCUUUU
ryjA	AUCAACACCAACC GGAAACCUCACCACGUGCUCGAAUGAGGUGUGUUGACGUCGGGGGAAACCCU CCUGUGUACCAGCGGGAUAGAGAGAAAAGACAAAAGACCGGAAAACAAACUAAAGCGCCCUUGUGGC GCUUUAGUUU
ryjB	UCAUCCGUCGUUGACUCCAUGCCGAUUCGGGUUAAUCUGGUAGCGAUCCCCGUCGAUACUUUUGA CGAAGGCGGCAGGGAUCCGAGAAGG
sgrS	GAUGAAGCAAGGGGGUGCCCCAUGCGUCAGUUUUUACAGCACUAUUUUACCGCGACAGCGAAGUU GUGCUGGUUGCGUUGGUUAAAGCGUCCCAACGAUUAACCAUGCUUGAAGGACUGAUGCAGUGGG AUGACCGCAAUUCUGAAAGUUGACUUGCCUGCAUCAUGUGUGACUGAGUAUUGGUGUAAAAUCAC CCGCCAGCAGAUUAUACCUGCUGGUUUUUUUU
sokB	GCUAGGUUCAUUCGUUGGCCUCGGUUGAUAGAAUAUACGGUCGGGGCCUUCGUCUU
sokC	GUUCAGCAUAUAGGAGGCCUCGGGUUGAUGGUAAAAUAUCACUCGGGGCUUUUCU
spf	GUAGGGUACAGAGGUAGAUGUUCUAUCUUUCAGACCUUUUACUUCACGUAUUCGGAUUUGGCUG AAUAUUUUAGCCGCCCCAGUCAGUAAUGACUGGGGCGUUUUUUA
sraA	CAUUCAACGCCGAGAAUAGAGGAAAAAUAAAGGGGAGAUAAAAUCCCCCUUUUUG
sroA	GUUCUCAACGGGGUGCCACGCGUACGCGUGCGCUGAGAAAAUACCCGUCGAACCUGAUCCGGAUA ACGCCGGCGAAGGGAUUUGAGGCUCUUU
sroB	ACACCGUCGCUUAAAAGUGACGGCAUAAUAAUAAAAAAUGAAAUUCCUCUUUGACGGGCCAAUAG CGAUAUUGGCCAUUUUU
sroC	ACUAAUUAACAAGAACCAGGGGCGGAAAUUCAGCCUCUCGAUUGUACGUAGCACGGACAGACU AUACGCCUGAUGGUCGUUCCCCAUCGGGCCUGAAAACCGCAAUACGCUGGGUAACAUCUUCGAG GGUAGCAGUUAACGCUGCUACCCUCUUUUUUUCU
sroD	UUACGUGACGAAGCGCGCGCAAAGUGGACAAUAAAGCCUGAGCGUUAAGUCAGUCGUCAGACGC CGGUUAAUCCGGCGUUUUUUU
sroE	AUAACGUGAUGGGAAGCGCCUCGCUUCCCGUGUAUGAUUGAACC CGCAUGGCUCCCGAAACAUUG AGGGAAGCGUUGAGGGUUCAUUUUUAU
sroG	GCUUAUUCUCAGGGCGGGGCGAAAUCCCCACCGCGGUAAAUCAUCAGUUGAAAGCCCGCGA GCGCUUUGGGUGCGAACUCAAAAGGACAGCAGAUCCGGUGUAUUCGGGGCCGACGGUUAAGAGUC CGGAUGGGAGAGAGUAACG
sroH	GAAAAUAAGAACACAUGUUCUUAUCUUCAGGAUGCAGCAGACUGAAGAAAUUCAGACAUCCCGC AACCUGCGAUUAUCGCAAGGUCAAGGCAAAGUCCGGUAAUGGCGUUCUGAAUACCAGAGAUAAUU CUCUGGCGAAACCCACCUUAAGGUGGGUUUU
symR	AGUCAUAACUGCUAUUCUCCAGGAUAUGUGAUUGUGAUUAGCGAUGC GGUGUGUUGGCGCACAU CCGCACCGCGCU
tff	CGGACUUCGUAUCCAUUUCGUUAUACACAGACUGGACGGAAGCGACAAUCUCACUUUGUGUAACAA CACACACGUUACGGCACAUUUCGGGGUGCCCUUUGGGGUCGGUAAUAUGGGAUACGUGGAGGC AUAACC
tp2	ACUAAUUCUUUCGUUGCUC CAGACGACGACAGAACGCUCACGGCGGCUCUCUUCACGACUUCUG UCGAGCAAAAUUUCUUCGAUAAAGGCCAGAUUGGCGAUGC GAUGCUUCGCGCGCUUCUUCGGGCUU ACCGGCCAAUAAUCGCUUCAAAU AUGCGGGUG
tpke11	UCGCCCUAUAAACGGGUAAUUAUACUGACACGGGCGAAGGGGAUUUCCUCUCCGCCCGUGCAUU

	CAUCUAGGGGCAAUUUAAAAAAGA
tpke70	AAAGCCAUAAAAACCAUGAGGUUAUUUAUGGCCGAUUUGAGGAGGGAAAGAGUAAGAGCAGUUUGU UAAAUGUACAACGACGAUUCUCCACCAGGGCGCGUUUAAAGCGACGGUGGAUCCAGAGGUACUG CUCCGGUGCGCGCAUGAUCUCUUUCUGAUAAUCUUGUUCAUUAUAGGCAGCGGUUGAUUUUCAU CUGUCGGGUAGCCUCCAUCUCUGGGGUGAUGAACAAACGAUAUCCGCUGUAAUCCGCUUUUCUU ACCAUCGUUACGUGCAACAUGGCUGCGCCAGAGAGACGGGAGAGAACAUAAGGUGCCAUGGUUGU GGCGACAUUUCCACCAGCAAAGAACGGCGCGAAGGAGCUGCCUUUACGACCAUAAUCCUGAUCGG GAGCAAACCAUACCGCUUACCCUUCUUCAGUGCACCAGACAAUGCC
istR-1	GUUGACAUAUACAGUGUGCUUUGCGGUUACCAGCCGCAGGCGACUGACGAAACCUCGCUCCCGGC GGGGUUUUUU
istR-2	GCACUAAAUACGUCAAAAUUCGUGCCGAAAUUGCGCGUUCUGCGCGGAACACGUUAUUCUUCAGU GUUGACAUAUACAGUGUGCUUUGCGGUUACCAGCCGCAGGCGACUGACGAAACCUCGCUCCCGGC GGGGUUUUUU
ssrA	GGGGCUGAUUCUGGAUUCGACGGGAUUUGCGAAACCCAAGGUGCAUGCCGAGGGGCGGUUGGCCU CGUAAAAAGCCGCAAAAAAUAGUCGCAAACGACGAAAACUACGCUUUAGCAGCUUAAUAACCUGC UUAGAGCCCUCUCUCCCUAGCCUCCGCUCUUAGGACGGGGAUCAAGAGAGGUCAAACCCAAAAGA GAUCGCGUGGAAGCCUGCCUGGGGUUGAAGCGUAAAACUAAUCAGGCUAGUUUGUUGAGUGGC GUGUCCGUCCGCAGCUGGCAAGCGAAUGUAAAGACUGACUAAGCAUGUAGUACCAGGAUGUAGG AAUUUCGGACGCGGGUUCACUCCCGCCAGCUCCACCA
ssrS	AUUUCUCUGAGAUGUUCGCAAGCGGGCCAGUCCCUAGAGCCGAUAUUUCAUACCACAAGAAUGUG GCGCUCCGCGGUUGGUGAGCAUGCUCGGUCCGUGCCGAGAAGCCUAAAACUGCGACGACACAUUC ACCUUGAACCAAGGGUUCAGGGGUACAGCCUGCGGCGGCAUCUCGGAGAUUC
glmZ	GUAGAUGCUCAUUCCAUCUCUUAUGUUCGCCUUAUGUGCCUCAUAAACUCCGGAUAGACGCAGAGC CGUUUACGGUGCUUAUCGUCCACUGACAGAUGUCGCUUAUGCCUCAUCAGACACCAUGGACACAA CGUUGAGUGAAGCACCCACUUGUUGUCAUACAGACCUGUUUU
glmY	AGUGGCUCAUUCACCGACUUAUGUCAGCCCCUUCGGGACGUGCUACAUAUUUACGAAUGACGCA CAACAAGGUGCCUGCCGUCCAACUUCUGAUUAUCAGCGUAGCUAUUAUCAACCAUCGGGCGAAACGU CGAGUUAGGCACCGCCUUAUUCCAUAACAAAGCCGGGUAAUUCGCGCUUUGUU
ffs	GGGGGCUCUGUUGGUUCUCCCGCAACGCUACUCUGUUUACCAGGUCAGGUCCGGAAGGAAGCAGC CAAGGCAGAUGACGCGUGUGCCGGGAUGUAGCUGGCAGGGCCCCCACCC