Supplementary Materials for Benchmarking Current RNA Folding Software and Improvements to the Current Regime

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RNA Sequences Used in This Paper

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AGCGUACGCCAAACGCCCAAAUACAUCUAGGCAUUAGUGACCCCUCUGUCGCC AUACCAAGUCCGCACUCGGGGCAAAGGCGAUGCCCACAAACGACAACUGUAGU UAAUGUCACGAGGUUCGCCUGCAACCCUUCUAUCUGUCACACACUCGCACUGG UGUAAUUUUGGCGAGGUGCCAUUUCGAGUGAAGGCGACUUUCUCGGGCCUCUU CUUUUGAGUCACAAAUGCCGCUCGCAAAAUAAACAAUUAGUGGCAUGUCAUGC UAAUCUGUGUGAGUUCAACUAGCCUAAUCUACAAUAGCAGGGUGGCAAU UAUGAUCUACCAUACUUAGUAGGCCACAACGAAGCCUAACAUGAUCGAUACGA UAGCUAGUUCUUUUGCACGAUAGAUCUGAAUUCUGCUGGUUGCCUGACAAU UUCCGUCUGCUGAUUUAGAUAAAGCUCCUCUGUUUAUUUGCCCCCGCGUGAUU CUAUAGCCUAUAGCCGAACUCAUCAUGCGAAUAGCCUUCCAAUGGCCCUCUUG CCAAUUCGUGUCUAUGGGCCUGCAACUCUAUACUCAUAUACCGACAGACCGGC GCCUUCCAGAUUUCCCGCUUAUAGGACUGAGACGGUCAAACCCUGAAACUCGA ACAUCCAUUUCGGAAUGAUCGGUUUUUCUUUUCGCGGAGUGAGCCAUUUAUAU CUUUUGAGUAAUGACCUGAGCCUCAGCCUGAAUCUAGCCGUCUGGGGCCGUC CUACUAAUAGGAGCGUGAAUGGAUGUUAAAAAGGCCUGAAGAGACCCUUCUUC UCGUCGAUGAUUAGCCGCCCAAAGCGGCUGGUUGGUCUGGCUAGAUUUCCAG ACUAGGGAGCCCUGUCAAUCGAGGUAUUAGCGGGCCUGGUAUUAGCAAAUCCU CCGACCCUCUGAUUUCCUGCGUAGGCUGGAUUCGCCGUUGCAAUAUCUACC UAUGUACGCGGGACUACAUUAGGAAGGCUCAACACUAUUCCCGGGCUUUGCUA GACAUACAUUUCAUGAGUGAUGUAUCUCUUGCCUCACAAUGGUAUUCGGCGCG GGAAAGAGUCGCUUAGACGGUGAUUAUUCAGAGGAACUACCUCACCCAUUAUC GAAAAGUAAGACCAGGUCUUGGCAUGCCGCUUGAAUAAGGCCUAGAGACAACA GGCGCGAGCGACUAUCCCCCCCUUAAGGGAUUCAGUACAGACUAAGUAGGG CACUGUUAGGUACUUCAAGCGCUCUAAGCCAUGAGUCAUUUUGAUAGGUAAAG AAAUGCCAACCUGAGCAGAUUACCGGACGCCACGCCAUGAAGGAGGUGAUGGC GUAUCAUGAGGUUCGAUGGAUGCGACAUUGUGCUGAAUAGGGUUAAUUCAUAA CGACUACUUUCCGAGCUACACUACGGUUCGGUGCGUCGAUUUUCGCUUGUUCU CAUCCUACGCACAACGGUGUGUAGGUGACUAACAGCUUCGGCUUUAGGUUGUA AUACAUACUUGCGUCAGAGCAGCAACAUCGCGACUUAUUUACACAUAACGUAU CGUUGCCGGUUUAUAUUAUCGUCGGAAUAUAUCAUGAUGACUAGUUGGCUACG ${\sf CAGGUUCUCGUCUGGGUCUGGAACGCAGAGACGCUGCACAAGGCUAGAAGCG}$ AGACAACCGAGUAGGUUGGGGUAUUACUUUGGGACGGAUUCAGCCUACGAGAA GCAUAGGGUCAUUAUCCGCUAGUCAACAUUCGGGUGCCGCUCGGUACGGACGA AGGAAAAACACCCGUCAUGACGUCGAUAACACUUUGUAGAGAGGUUUCUUACG CGUAUCUUUCUGUCAUUCUGGGAAGAGUCCGUAAGCGAUGCCAUGCCCGAGAG AUCGUCUAUUAUAAAUGCGCAGGGGAGUCUAGAAUUUCUAUCACUAUAAUUCU GUGUCCGCCUAAACCGCCCGUGACAGUUGCGUUUGCUGGCAUAGCUGUGGCGG AUGACCACGAUUUGACAAAUUUCGAGGACGCUUCUACGGUGAAAGCAAGUUUU ${\tt CCCGCGGAAACAAGCUCACGGCUACAGGAAAAUCAGAGCAUAACUCUCACAC}$ AUCUAUCGGUCCCUUCCGAUGCCUAUCGAGCUACUCCCGGGGUUUUAGAUGCC UACACCGUAUGAUUGGUAAAGACGGUCUGUUAGAUUCUUCCCUUUGAGAGCAU GAGCAUCGAUGUUCACGUAAUCUACGGCUGUUGUGGGGCGUCCCACGUCUCCG UAUCCAAUUUAUGACCUAGAUCUGUCGAGGUGUGCAUAAGCCCAGCUACAUCC GGGCUAACGCUCGGACGGUCUCUCUAGAGGUACCGCCUGCACACAGCGCUAUA CAGGCAUCGCCAACUAAUGCUCAGUUAGUUUUACCCCUCUAGUCUCGGUAGCC UUUGUUGGACUGACAUGACCUGACGAUUAUCAACCUAGACCUUGUGGGGCUG GUGCCAGUCCCAAACCGUUCGUGCCAAUACUUUGACAAUAGCUUAGUAAAGGC UAAAGAUGUUUGAUGUACGCUGGUGGCUGGUGAGUCGGGAUGGGACGUUGGU GCAAGGAGCUGACUGGUAUAAAUCUCUCUUCAGGGGGUUAUCCUCGAGGACUU UGGUCUGUCUCAGACGAAGUUGGCAAAUCACUUUGGGUUCUAAAAACAUGUUA UUUUGCCGCCCGUGUGAGCUGAUUGCCCGUUGGGACGCCCUCUAAAACACUAC AAGGGAAUUGCUAUGACACUCAGCCUUCGUCGAUUAGCACGGGUGGUCCGUGA CGUCUGAUUCUGUUAUCAGGAAGUCCCCCUGAUCCCGGCUUGGAAGAAACAC CGGUUGCACCUAUCCGUUGGGAUUCCCAGCCUGUGGGAUCGAAUACGACUUUU CACAAGGUCUGAAGCGGACGCAUGAGCCACUCAGACAUCAGUCAUGUCAUCGA CUGCAUUUAAUGGCUCUCACUGCGUCUGGGCUUUUGAGCGAAUCUAAUUGUAA UGUGAUAAAUGACCGACGAGGUGUCUUCUUGGUAGUGAUCCGUGAUCACGUCC CCACACAGUUCGGAUCUUACGGUGGGACACUUUGCUCUGUCAUCAGUGUACUA CCAAUGUUUUGUAAAUUCUACGGUAUGACCACGGCCGCUGUUGGGAUAUGGUA CGUGAUUAAGCUGCAAGGAAACUUACAAAUUACGGUGAGGACACGGAAAGUAA AGUCUCCUAGUCACAGUACAGUAUGGUGGAGGUGACCUACGUCCACUUAUGUA CGGCUGACAAGGCACGGACGCUACACUUGUCUAGGACUCGGCCCUAACACAGC AGAACAUAUUCUCGGGUGAUUGGGGUCGGGCCUCCUUACGACGCCGAACGCCA GUUACCGCGGUGGAGUAUUUCACUUGACCGUACCAUAGACUCACAGUUGGGC AUUCCGUCAAACUUUUGCGCCAACGGGAUUGUCCCAUAGAGGAUUUGGGCAUU UACUGGGCACCGAGAUCCGCCCUUACCCAGAAUGCUCAUGAUGCGUCCCGUA UGGAUGAUGGCGCUCUGGAGACUCACCUCUGGAACCUCGCCGACCGCUACUAA UAUAGCCUUUACUAGUCUCAUAUUCGCGAUUGUCCACACAACAGUGGAAUCUU UCUGCCGUGUGCCGACCCGGGCCUCAAACAUUGAACCCAGAAAGUCGGGCUCA AGAGGUAUGGAACUCUCGUGGGAUGGUUGAAGAGCUGAUGAGAGUCAGCGCCU UGCGCGACCUGAUCAUUCCAGACUUUAACAAAGGAUCGCGGUAACUCUACGUA GGAACGCACAGCGCCUGACUCGCAUCCCUAGUGCCUAACAACGCGUCGCACGG ${\tt CCGAACGCGUUGGUGGAAGAGUAGGAUCGCACGUGACAGGCAUAAUGACAGGU}$ CAUUGCAAAAGCGCUCUUCUUCAGGCAUCAGAAUGCGUAUUGCGACUACAUUU UUGCGCGCACCCCAAAGAGCAGAAACGGCUCAUCCGUUUGGCGCGUUGGUAAU AUGUCUGGAUGCUGGCUAGCCGCCGGUUAGUGCAAAUUGCGAGGGAAUAGAA AUAGUGGACGACCAUGACCCGACCUAGCCCGACCCAAUAAACGGAAGGUUC CAUACCGUGAACUGUCGCGUAGAGAGUUACAGGGAAAUAGUUCACUAAUCUUA GUUAGUCGCGGACCCACGUAUGCACGGGAGCGUGACGAUAGGGGGCCCU UUGGGAACCUUCCAAUUCCCAGAUCAACGGAUGGGGGUUUGAUGGGCAUUUUC ACGUGCGUCACUGUUAUUUAAGACCAUGGCUACCCCUGUACUUCAGCGGUAAA GUCCAUUCGGCGGCCUAGUCGAGGUAUGGGACACACUACCGGGCCACCCUAAU CCAUUUAUAAAAGAAUACGGAGAGCAACCAUACGCAACCUAUGUGCUUGACAG AGUAAUUCCCUAAACUUGACUACGCAGUAGGUUUAAGGGCCAAUGUGAUACUG CGAGUGGUUCUCUGCGAAGGCUCGUAGGCAGUGAUUCUAAAACCCUAGUAGUC ACCAAGGCGAUAAGCGGUUUCCCAGCGCCCUAAUUGCGACUUUUACACUGGCG GCCUGGUAAGUGUCUCAUCAAACAUAGCAUUCCGGCAGAGAGAACAUGCUAAC GGGUAGUGUCAGAUCUCACCAGGCAGGAGCGCAAGGACGUUACAAAAU AUCCGAUUGUGGAGAUGGCCGGUACUACUUCGUGUGUUGUUGGUACAGAGCGA UGGCCUUGCCAUUAGCUUAGCAGUUGAUACAGAGGAGAGCGUACCGACCUAUC UAACUGCGGACAACUUAUAAAGAUUUCGUUGUCUCUCUGAGCAACCGUAUGCA UCCAGCAUCCACAUCACAGAGCAUUUGAAGAGAACCGCUACUAUAGCGGGUCU AUAAUAACAUGUACAGCCG

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GUCAUGAUCUCAGCCAUUGGACUACCGACCACCUACUCACGCGAUGUGUUCAC CGGGCGAAUGUUGAGCGAGCGGCGUUCUGGGGAAGGAUUCAAUCGAUCCAGUG AGAUUACAUCGAACAGUGAACACGAUGUUCGCGGUAAGCACCCAUCUCAAGCA UAUGAUCCACUGAUGAUCCGUGUCCGGGGUGUAAGCAUAUUUACCCAAUUGCG GUUAAUCGCCUAGUCGUAUUUGUGUCUUAUACAAAUGUUACCAGAACCUGCUC UCGGCUUUAACGAAAGACGCAUGAAGCUGGGGGUGGCAGUACUUGCCACUGAA CUCUCCGCGAGCGAGGUGGGCAUUUGAGUCGCGCGCCCUUAGACUCAAUUCGG UUGGGCUGCGCGUCCGUGGACAGAGGGGGGCACCUUCCAGUCUCCAAUGUC CGGCGCACUUCCAAAGGUGUCGCAAUGCACCUCGACGAUCCAUGCAGGAGAU UGGCGAGUAGGAAAGUGAUAUUGAAUUGACAAUAGUGUGGCACAACGCCUU UCCACAAGGAUUUACGGUUUCCUAUCCACUCAUCGUUGGCGAGAAUGCCCCUC ${\sf CAGGCAUGUGUGCACCAGCUACGCAAAUUUGCACUGGUCGUAGCAGCGCAUGG}$ UGAACACCAAUUUGAGAGCCGGUUAAGCAUCCGAUCUACGUCUCCUUCGAC CGGCUAUGGUAAUACACGGAAUUAGGGUUCUAAAUUAUGUCCUAAGCUCCGCG ACUGGCGAGCAACUCGGUUUGGGCUUCCCGAUACUCUCCAUCUAUAAGGGCUA GGAGAUCGUGUAUAGGUAGGGCUGUGCCAUGCCCGUUUUGAACACUGGGGGU ACAAGGCAACUGGGCUAUGGGCCGUCGUCUAGUUAGUCUUACAGAUCUGUUGU CACUUCGCUGUUGAAGGUUCACACCGUUUCAAAGGAUCAUGUGAGGGGAACGA UGGGUGCAAGACAUUACAAAUGGUGAGGUCUCUGAAAGGUGCGCUGAUGGUUA UAUUAGUGAAUCCGGGCUAGUUGAAAAUUCAUCCGUCCCGGCGCGGAGGCUUG UGGCUUUCGUGACGAUAUGGCACCUCUCCGGGGCAAACGGUGGCGCACCUUUU CGCAUCUGUAUCUCCCUGCUAUCAGUCCGGCUACGAAGAUCGCUAGUUCUU AGGUUGAGCACUCUAGUUCUAUAGGGACUGUCAGGCAUAAAGCGUCGGUACGU UUACCUCAAUGGGGAACGCAUCCGAAGGAGAGGGAAGUGGCUAGGGGUGGUG ACGUCAUCCCAAAAACAUACGCGCUUUGUAAAUUGCGCAAUGUCCAAUUAUAU GUCGGGUUGGCUACCAAUCAGGCAGGUCCUACAGGCUUGUACAAUGUGGCACG ACGCAAGCUUGUAUAUCAAGUCCUCGCGGUGUUACCAACAAAAGCAUGGCGCU GGGACCGUCUGGCUUCGCAUAGCAUAUUAAUACUGUUUACCUUACCUAGGAUC CUGCUACGCUCUGCACUGGACAUGCCACCCGUACUCAGCCCUCUUAUAAUGAG GUAUUGGUACGUACCCACCAAAUAAUUCACCGAUUUUCGUUCUUCCAGC AAUGGAGAAAUUGGACUCCUGGUGGUCUCUAUCUUGUGACCAUGCAACCAGCU CGGUCUGCUAAACUGUAGGUUUAUUCAUUCGCUAGCCACCGUCACCUUCUUUU AGUUGCGAAGACACUAACAACGCUCCCUCAAAGAUGUCUGGACGGAGUUCA UGCUAGGGGGGGGUUCGAACAACCUAAAGCAGGGAGGUAUGCUGUCUUGGCG AUCCCGUUCGUGCCUUCGUGCUCAAUCAAAUACCGAGGCCAAGGUUUAUGCCA CAUUCUUCGUAAGUUGACCAUGGUAAAGAAAGGACUUAUAAUAGGUUGAGAGU 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GUCAAAGAACCAUCUUCAGGCUGCACCCAAAAAUAGUCGUAAGCCGGUACCU AAGGUCUGCAGGGCAUUGGACAGUGAGUAAACAGAGCUCGCAGGUCUAGGUUG AGUUUGGGCGAGUGAUACGAGCCGGCAAACCCUCAGCUUCCGUCCCCGAUAAG UUUCUUCCCUAAUGCGCAGCGGAAUGUCUACCGCAAUCCGGUAGUCUACAUUU UUUUUUAGAGGCCCAUAACCGCAUGAUCCACAGUAUAGGUGCGCGCCUCUGGG UACGUUAGGAGGCUGCUACUGUUCUCAGUCGCAAACAGAUGGGGUAGCGUCAU CGUGGCGGCUAAAUCAAAUGGCGUGCUAGAAUGCUACUGUCUAAUAAAUCGGC CGACAGGGCUCUAGAAAAGGCAUAUACGGAAAUCGGGCGGCCUCUUUUCUAAC GUUCGGUCUUAAAUCUCUACGCGGGCCUGACUUAAUUUGGCACGCGGCAAGAC UGGAGGUUUCCUGAGGCCGCUUUAAUAUCAGACACAGCCUAGUUGGGGAUUU AAACUUUGUCGCGGUUCCCGCACAUGUUAGGCUUGUGGAGUCCAAGGAUAGGC UUGAGAAAUCUCCGUGUUGGCUCUUGUUAUUUGGAGAGCCAUACCUUUGCUAA UCACUAUGUGUCCUGCCAGCACGUCACAGGACAGCGCUUGUUUACCCUAAGC UACUUCAAAUUAGAAUCGAGUUAGACGCAUUAGACGGACACAGCGCGCCUCCC UCGCAACGAUGCAAACUGAAGGCCUUGGAUUGCGAACGACAGCGUUGGCAGUU AAGGGUCAUAACGUGAUGUCACGCACCCGUGUAGAGACUGCACGCCUGGUUCC GCAGAGUGGAACAGAAUGUUGCGCCUGAGCUCCGGGGUUCAGCAAUAGUUAUA CAUGCACCGGACCGUUGUACCACGUCAGGCCCAAACAAGAACUGCGAAUGUG 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AAGGUUGCAAUACAAAUCAAGAGUUAACACUUAUGCUCGUGACCUCGUAUUCA UGCGAGGAGAGUGGCCACUGUAUCUGCAUGAGCGGGGUGCUGGUGAUUGCCUCU UCUGAUUAUUCUAGUGGGGAAAUCGAUUUUGCUACGUGUAAGACGCUUUUGAG CGACCCUGGAACAGCGGUCUACCUAGCGCCGGUUACUAUCGGGCUUGAUAAGAA AUUCUUCGUCGCCGCAAACUGACGCUCUGUGAGUUAUAUAUCCGUCUCAAG CUCACUUUCCCA