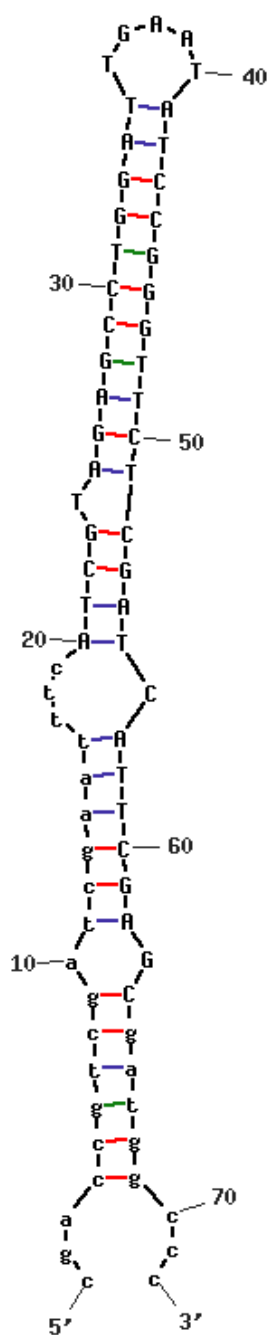


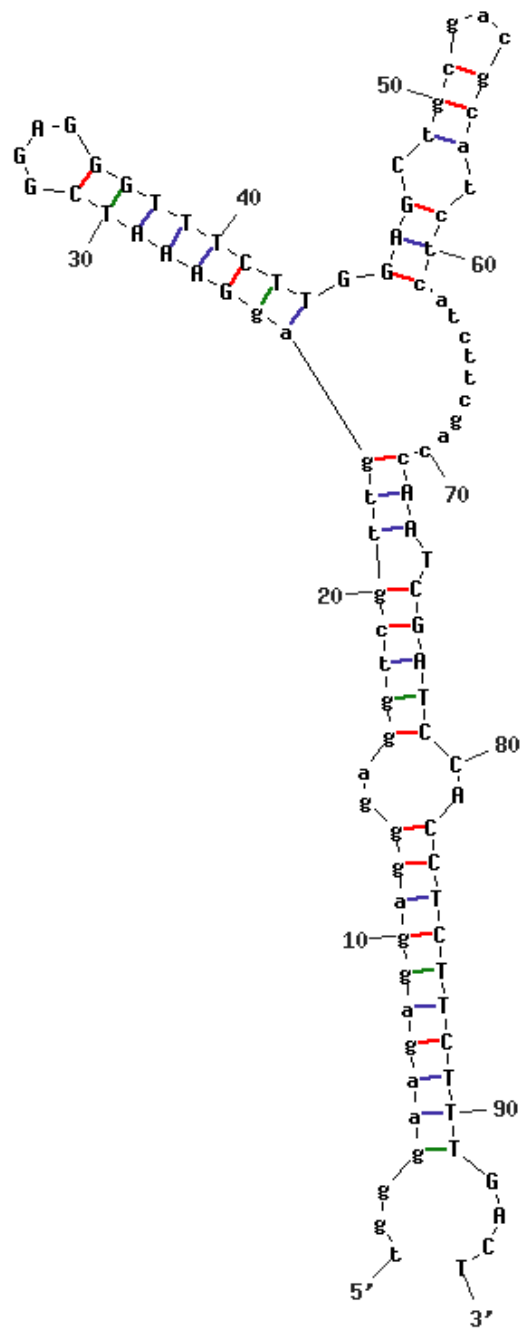
Output of `sir_graph ( )`
by D. Stewart and M. Zuker



$$dG = -36.9 \text{ kJ}$$

csn-smR1
AUCCGGGUUCUGAUCAUUCGAGC

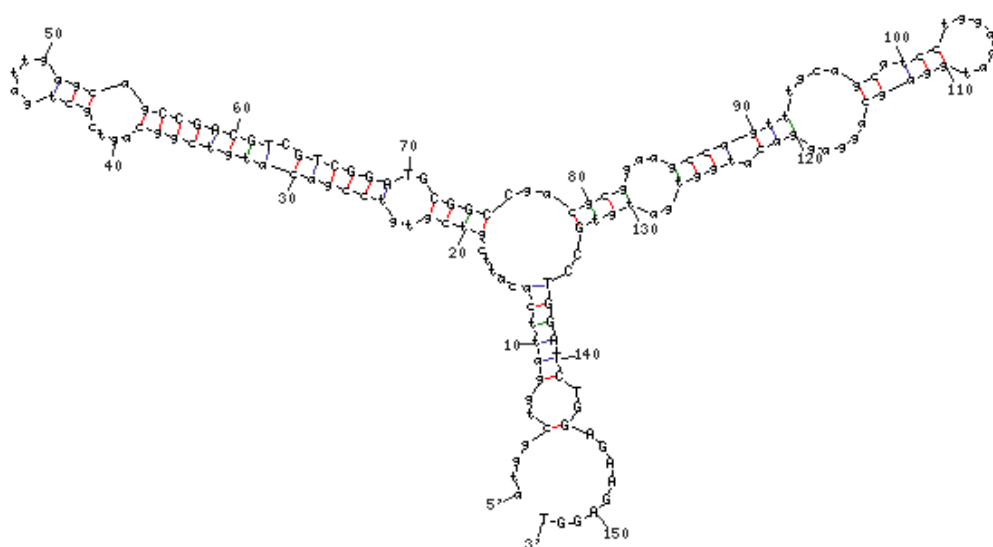
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -33.94184$

csn-smR2
 AAUCGAUCCACCUCUUCUUUGACU

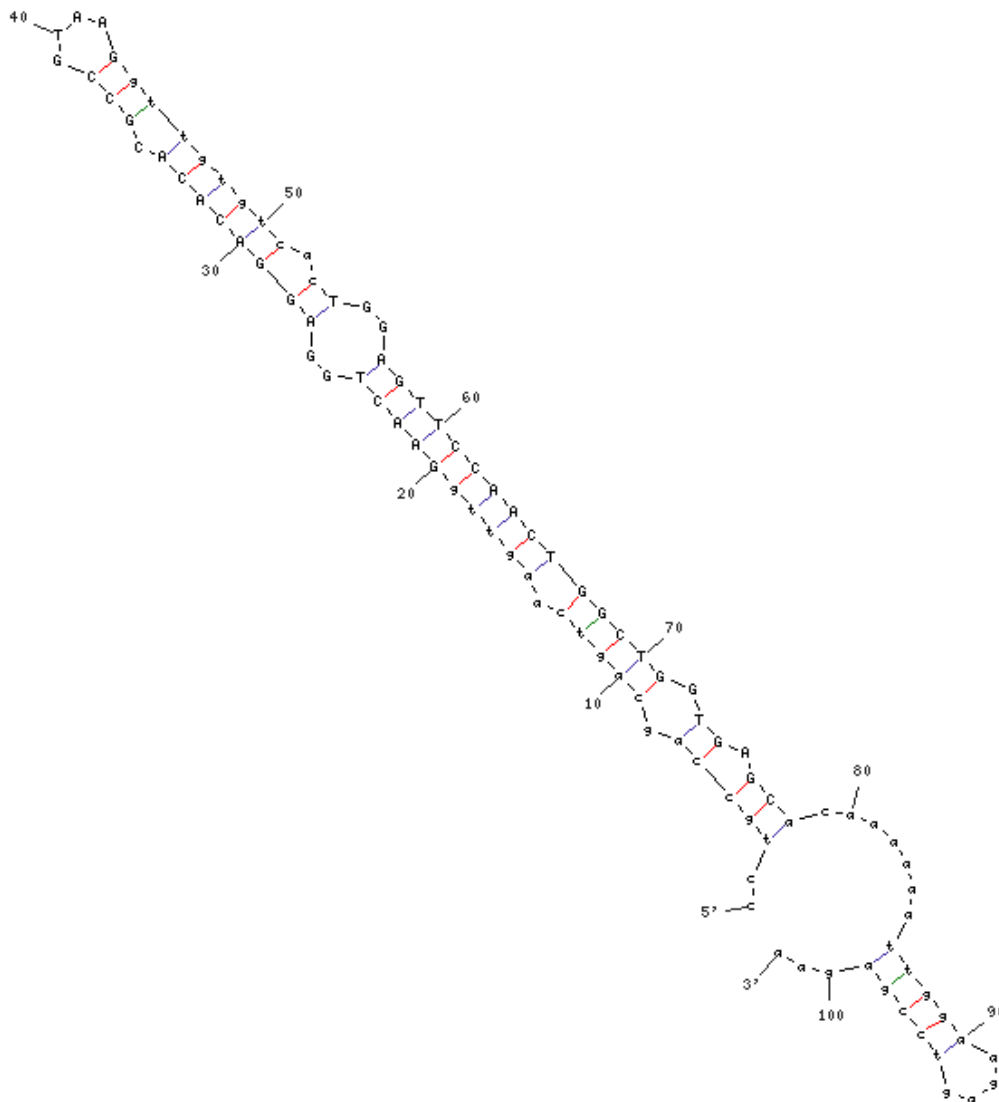
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -59.84187$$

csn-smR3
 CCGACGUCGUCGGAUGCGGCC

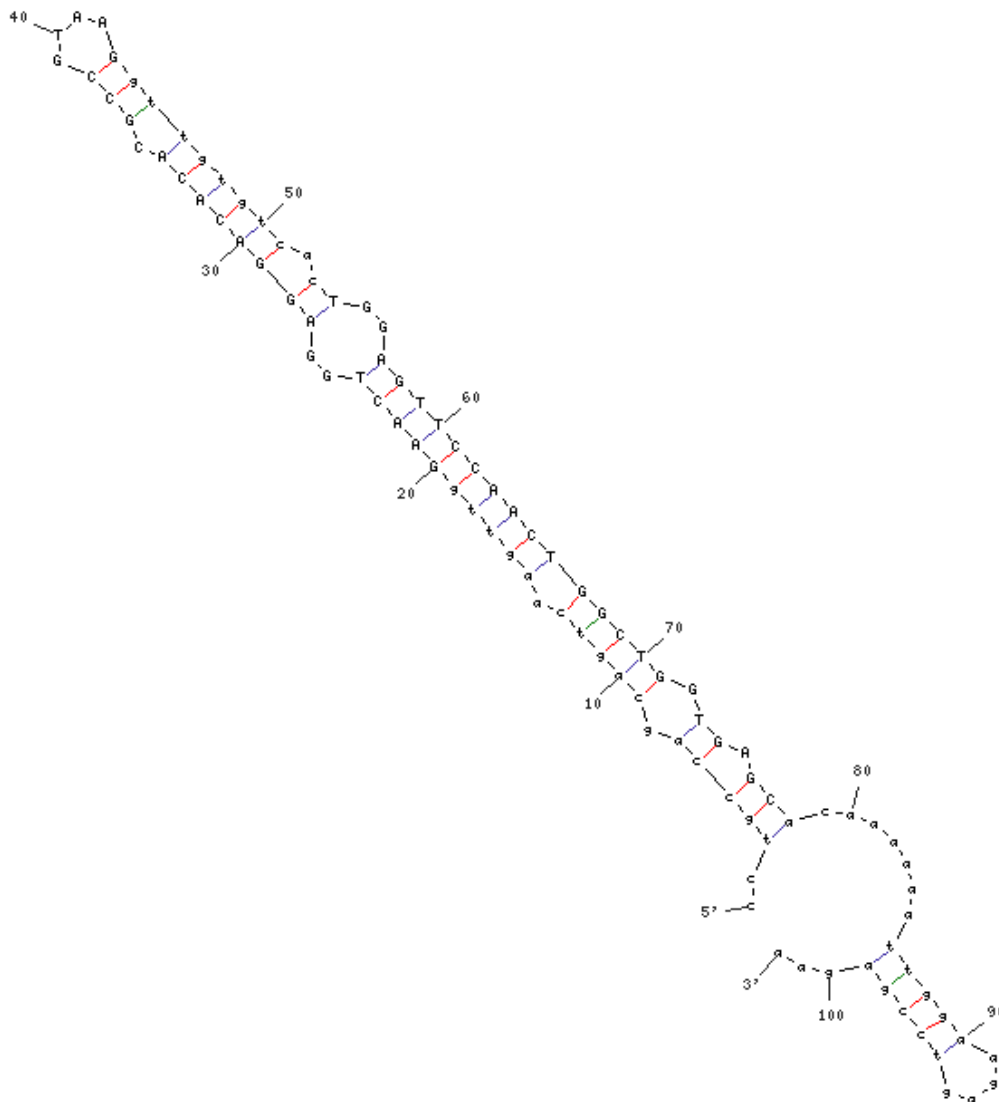
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -48.7 \pm 1.1$$

csn-smR4-5p-1
 GAACUGGAGGACACACGCCGUAAG

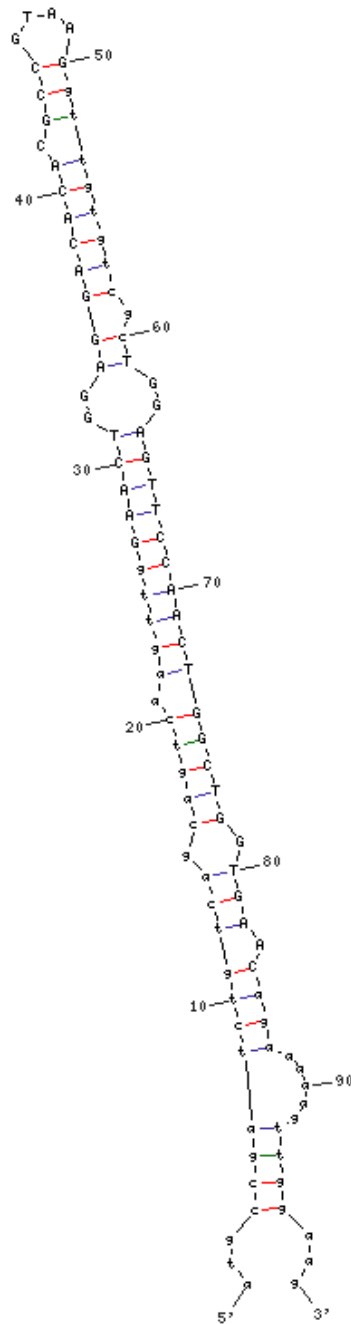
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -48.74192$$

csn-smR4-3p-1
 UGGAGUUCCAACUGGCUGGGGAGC

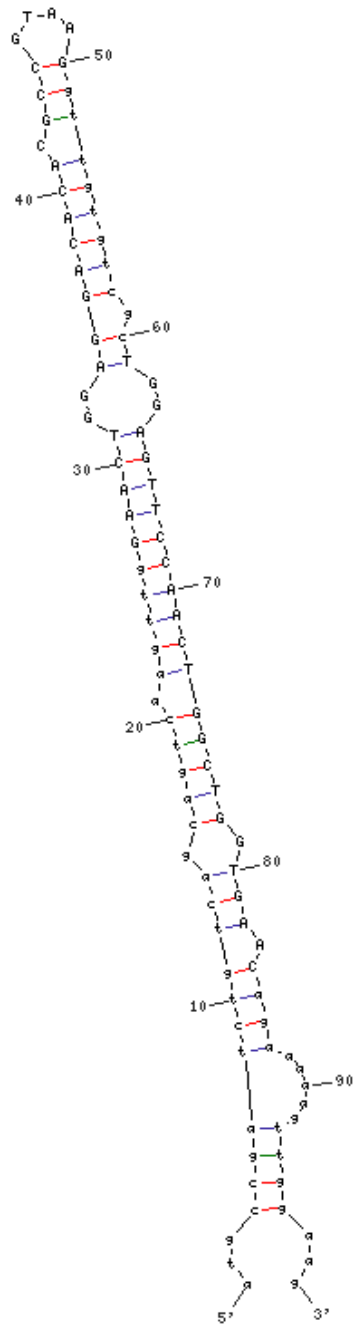
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -49.84193$

csn-smR4-5p-2
 GAACUGGAGGACACACGCCGUAAG

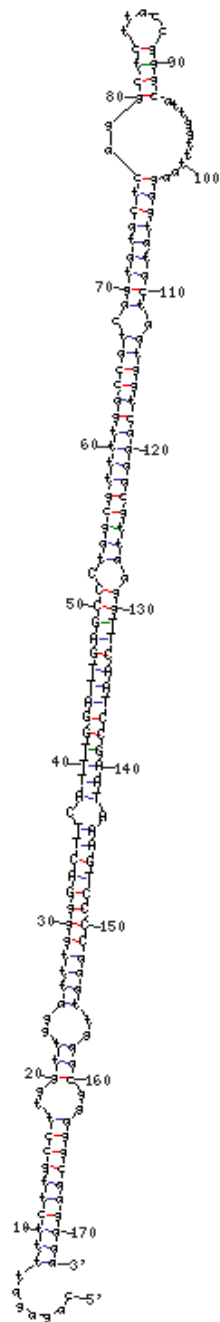
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



dG = -49.84194

csn-smR4-3p-2
 UGGAGUUCCAACUGGCUGGGGAGC

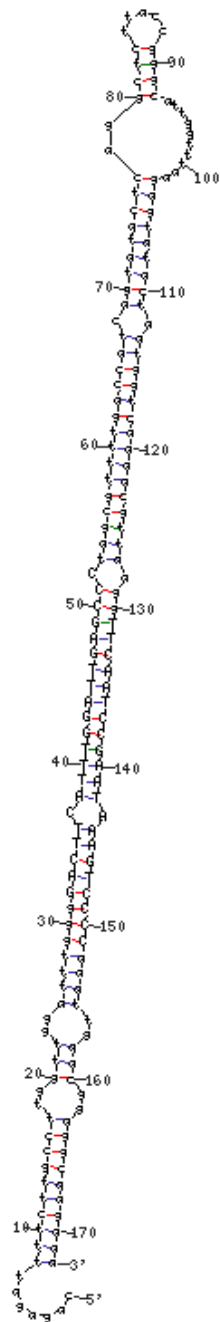
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -99.74195$

csn-smR5-5p-1
GACUUCAUUUGGAUUGAGCCC

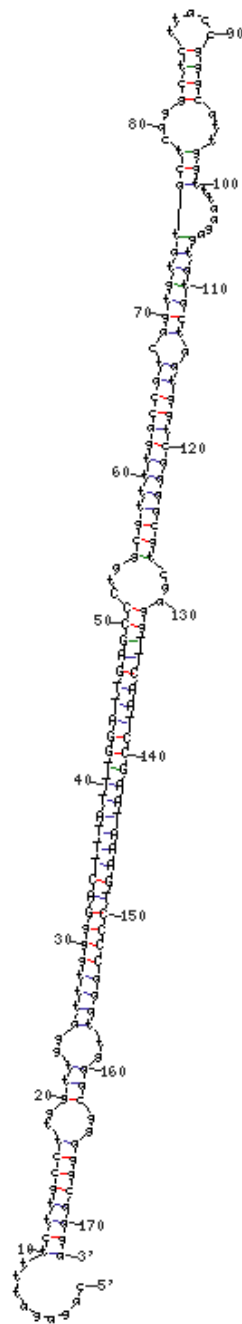
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$\Delta G = -99.74196$

csn-smR5-3p-1
UCAAUCCGAAUAAAGUCCCC

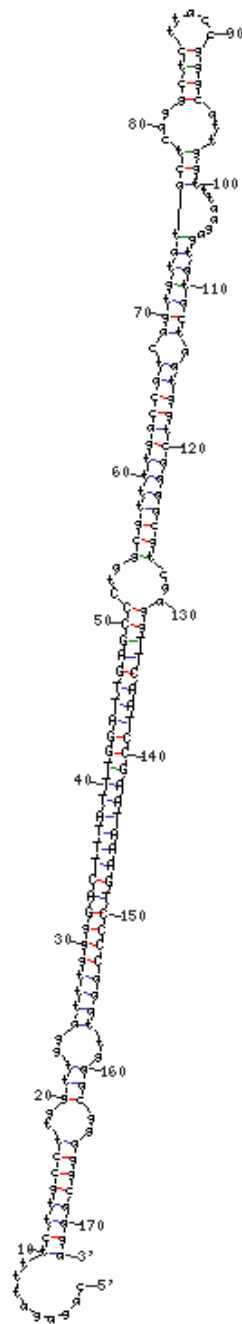
Output of `smr_graph ( )`
by D. Stewart and M. Zuker



$dG = -94.94197$

csn-smR5-5p-2
GACUUCAUUUGGAUUGAGCCC

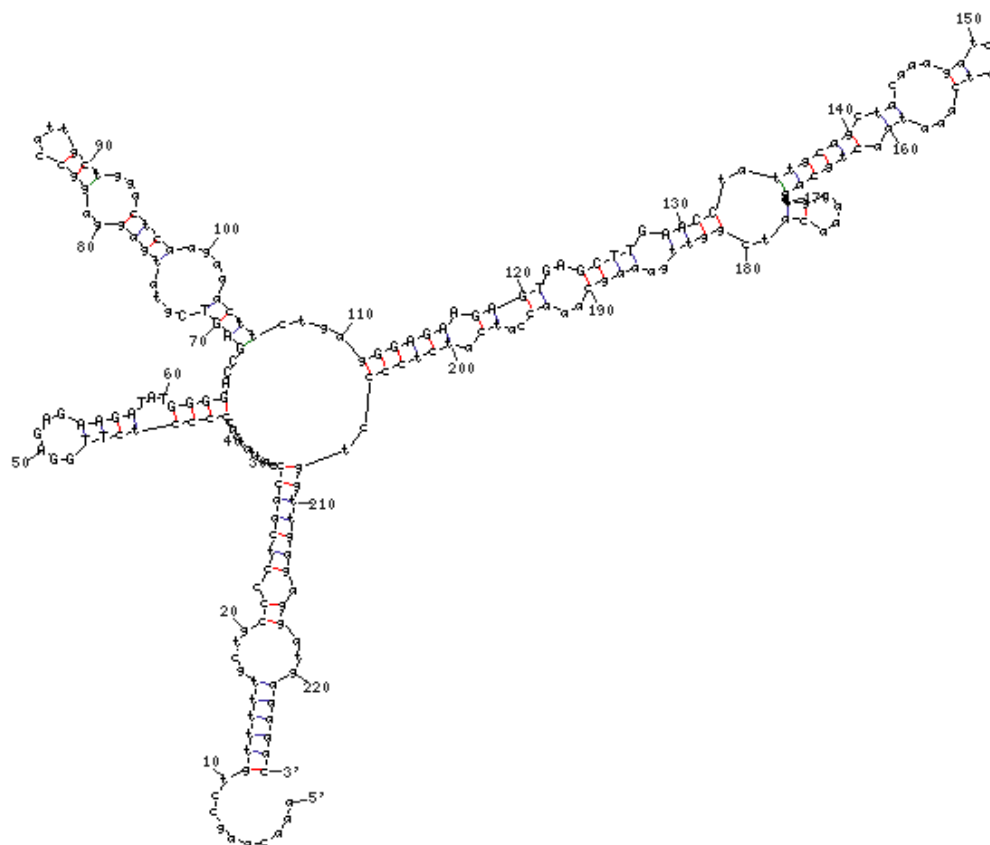
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$\Delta G = -94.94198$

csn-smR5-3p-2
UUCAAUCCGAAUAAAGUCCCC

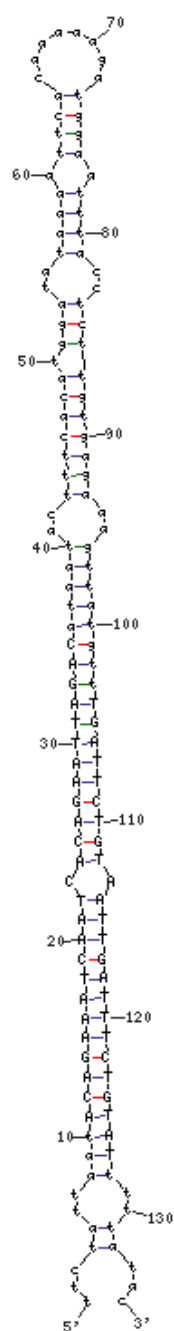
Output of `sir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -55.6 \pm 2.02$$

csn-smR6
 GGAGAAGAGUGAGCUUGAACC

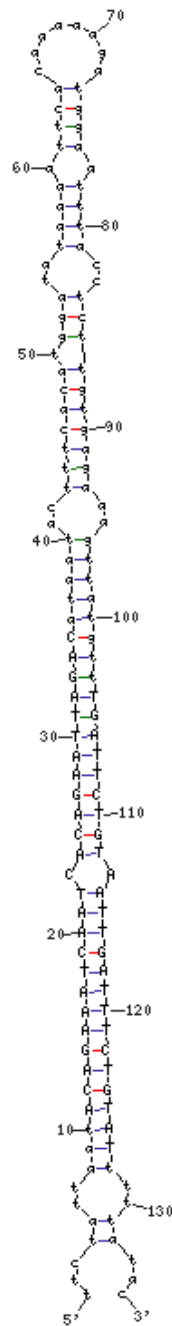
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -52.6 \pm 203$$

csn-smR7-5p
 ACAGAAAUCAAUCACAGAAUUAGAC

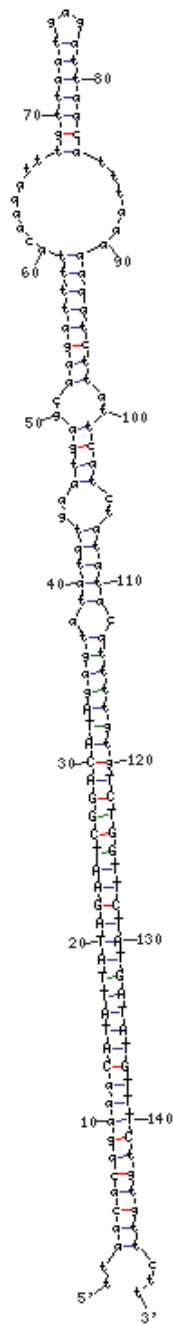
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -52.6 \pm 0.204$

csn-smR7-3p
 UGAUUCUGUAAUUGAUUUCUGUAU

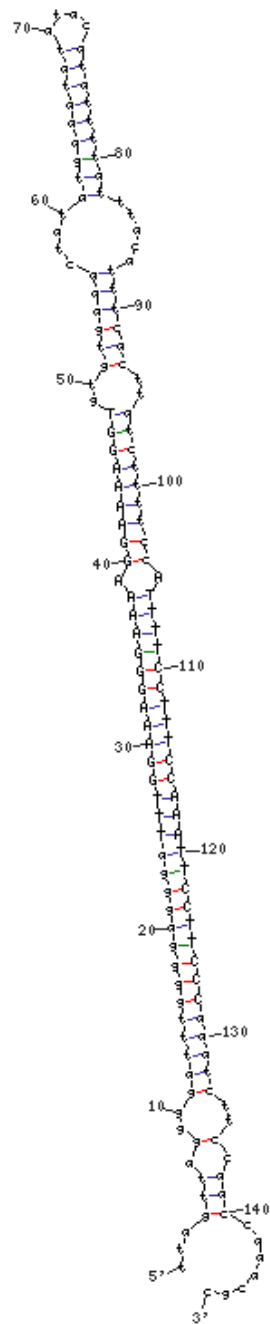
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -66.6 \pm 207$

csn-smR8
 CAUAUUAUAGAAUCGGACAUA

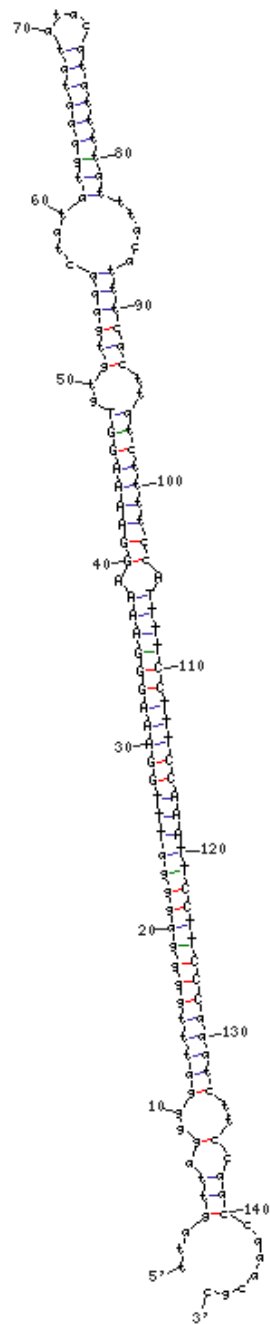
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -73.74208$

csn-smR9-5p-1
 UUUGGAAAGGGAAAUGGAAAAGGU

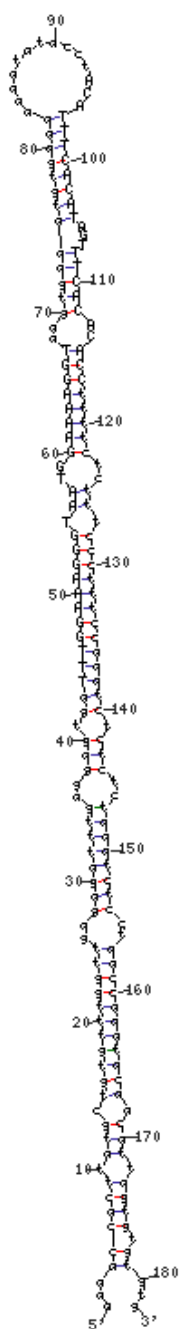
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



dG = -73.74209

csn-smR9-3p-1
 AUUUCCCUUUCCAAUCCUUCCC

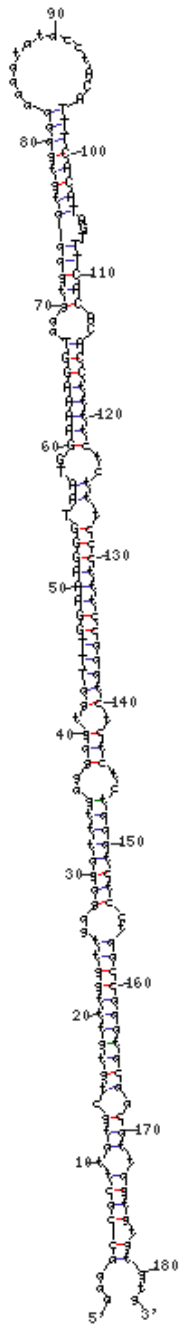
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -84.6 \pm 210$

csn-smR9-5p-2
 UUUGGAAAGGGAAAUGGAAAAGGU

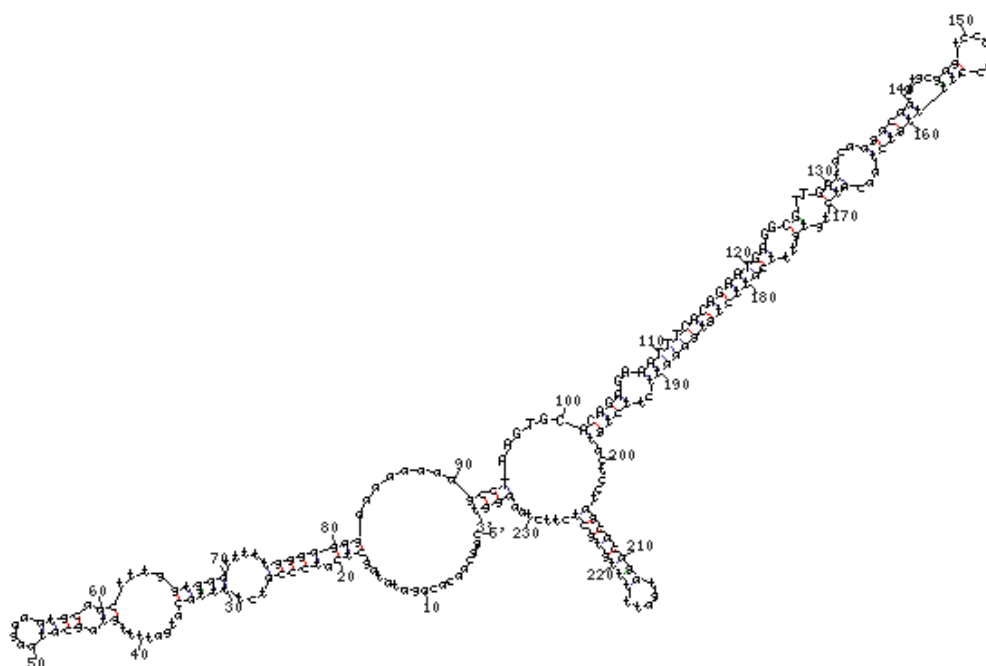
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -84.6 \pm 211$

csn-smR9-3p-2
AAAUUUCACAUAGUUUCACACACC

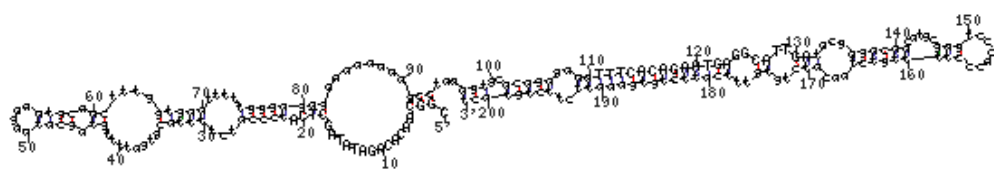
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -68.9 \text{ kcal/mol}$$

csn-smR10-1
 UUUCACAGAAUGAGGCGUUGA

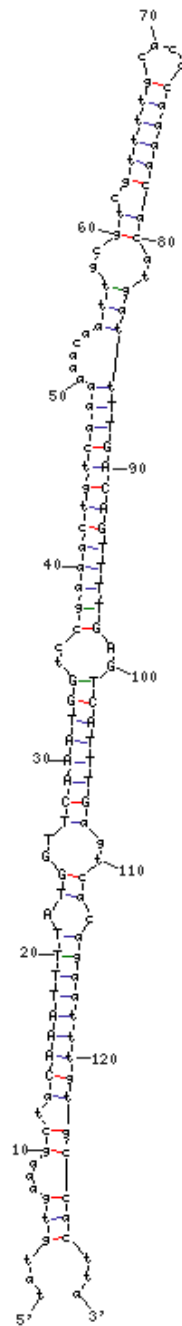
Output of `sir_graph ( )`
by D. Stewart and M. Zuker



$$\Delta G = -58.84215$$

csn-smR10-2
UUUCACAGAAUGAGGCGUUGA

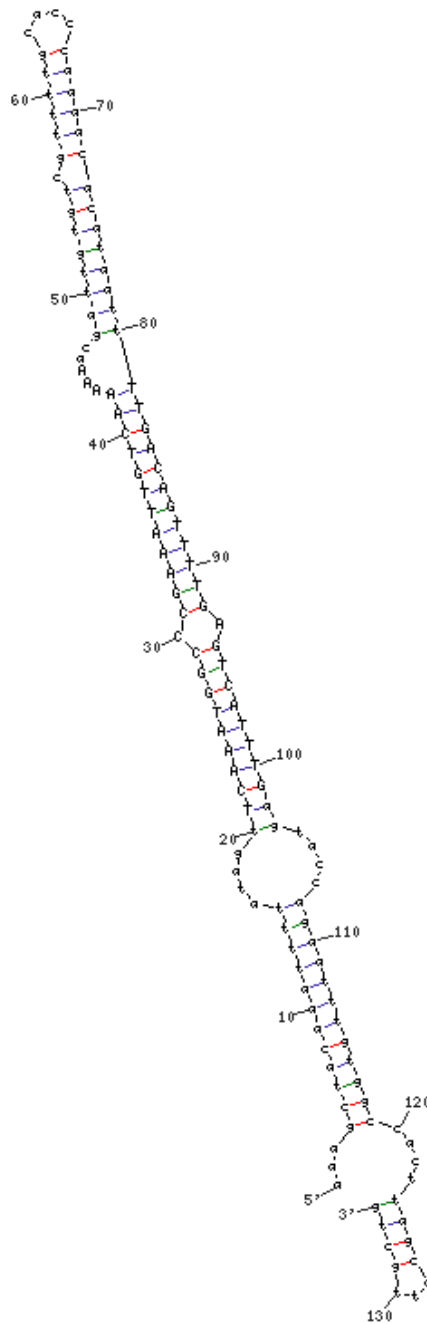
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -46.7 \pm 2.17$$

csn-smR11-1
 UUGACAGUUUUGAGCCAUUUG

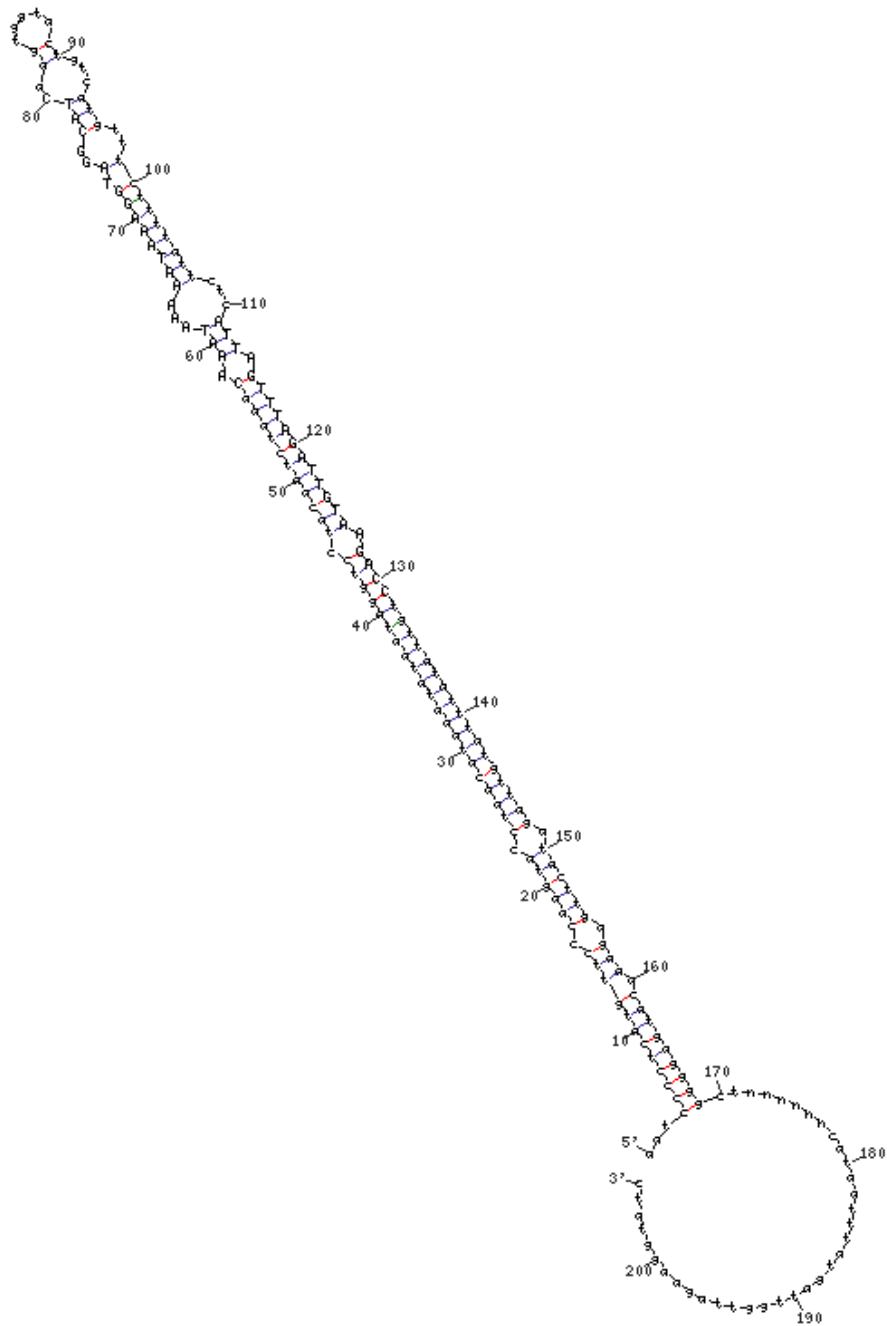
Output of `smr_graph ( )`
by D. Stewart and M. Zuker



$\Delta G = -49.74219$

csn-smR11-2
UUGACAGUUUUGAGCCAUUUG

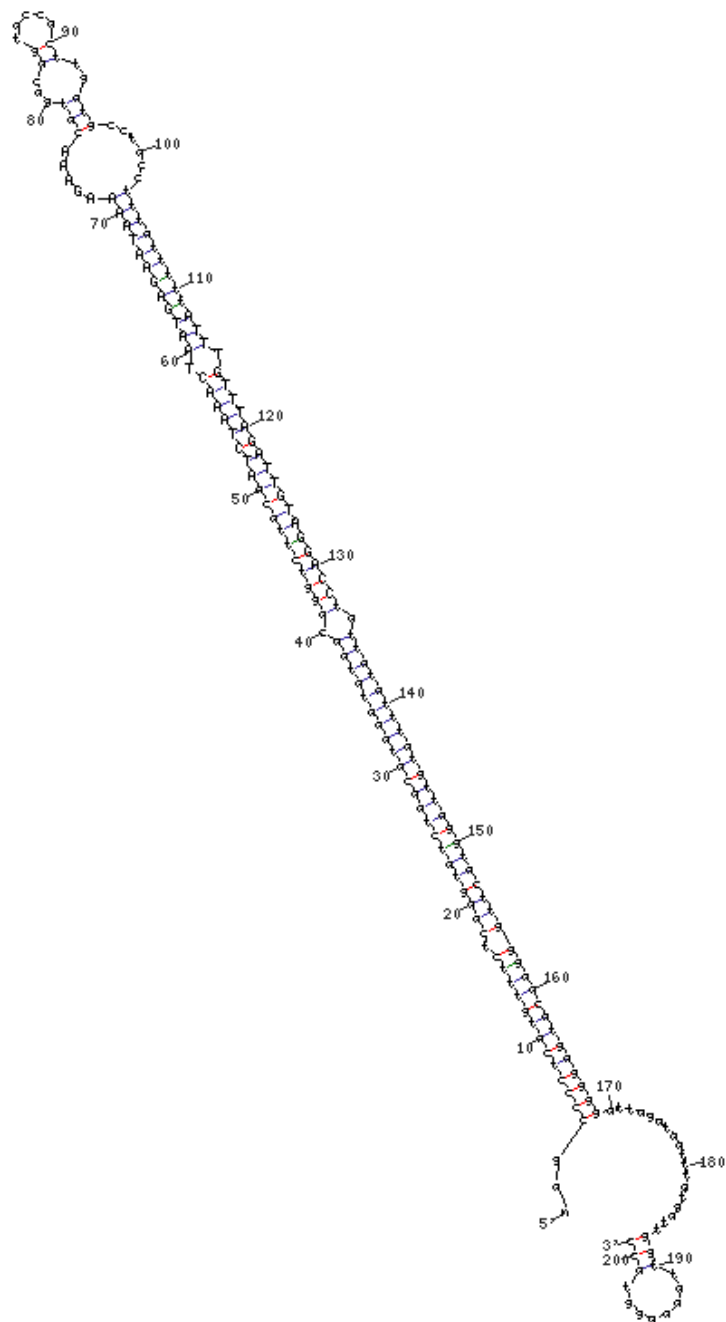
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -81.74221$

csn-smR12-1
AUUAGUUUAGAUUGUAGGACC

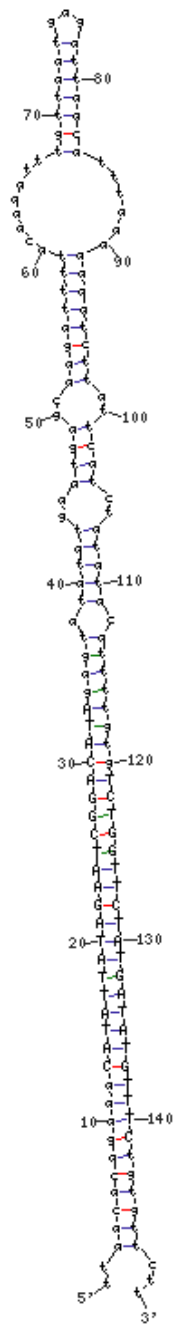
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -89.84223$

csn-smR12-2
AUUAGUUUAGAUUGUAGGACC

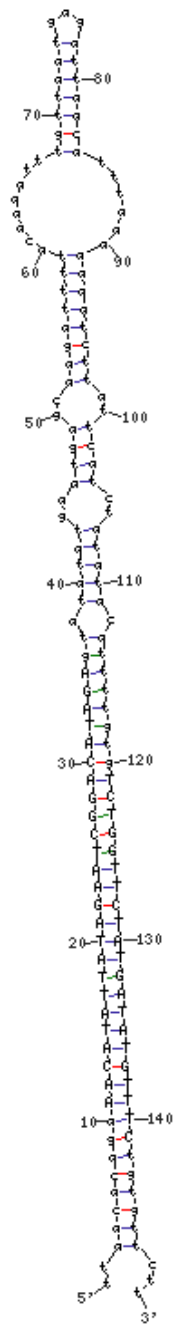
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -66.64225$

csn-smR13-1
 UCUGGUUCUAUGAUUGUUUC

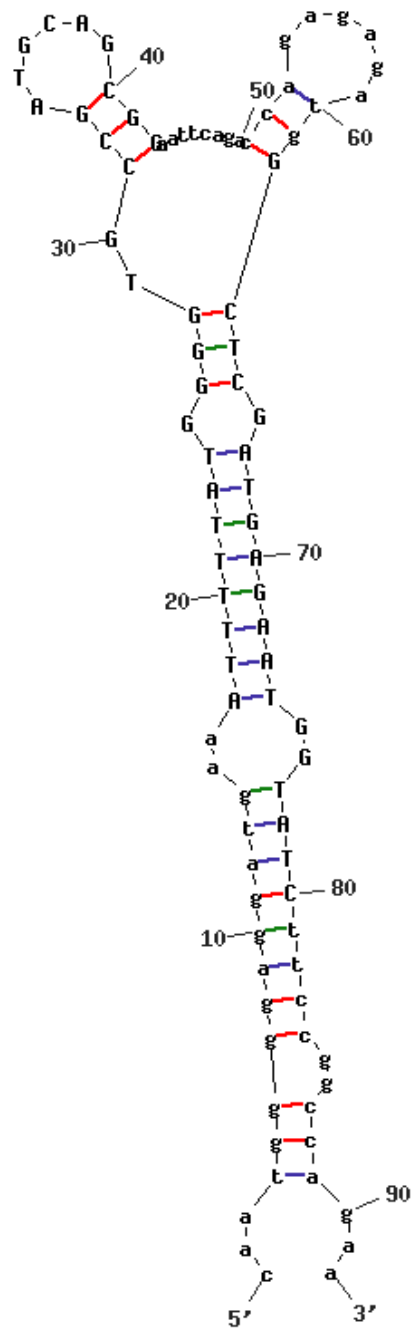
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -66.6 \pm 2.27$

csn-smR13-2
 UCUGGUUCUAUGAUAUGUUUC

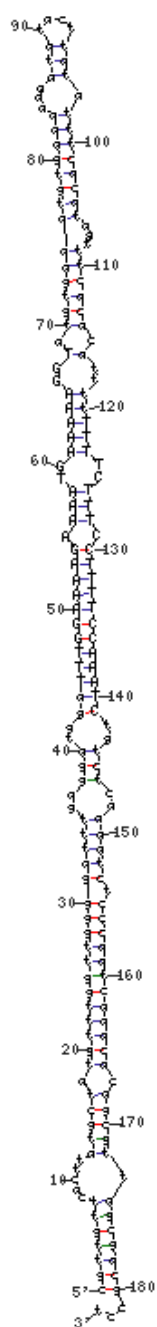
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -27.7$ kcal/mol

csn-smR14
 UCUCGAUGAGAAUGGUAUC

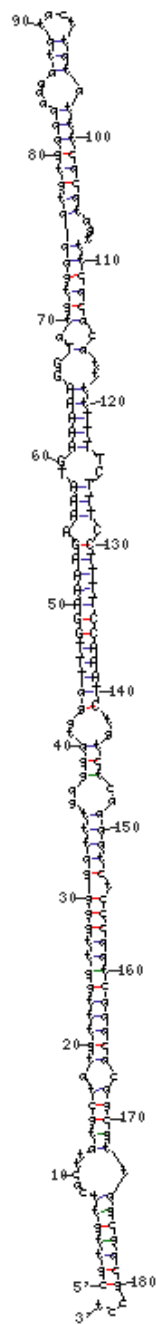
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -75.74230$

csn-smR15-5p
UUUGGAAAAGAAAUGAAAAGGU

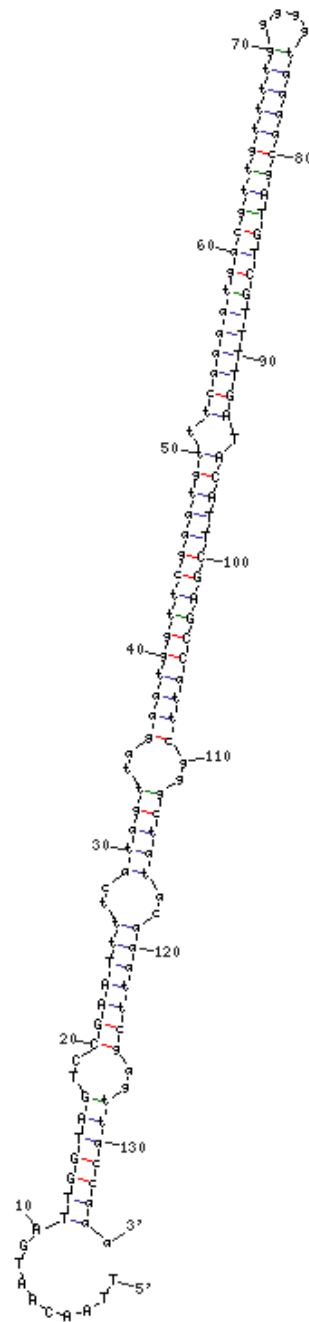
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$\Delta G = -75.7$ kcal/mol

csn-smR15-3p
UUUUCUUUCCUUUUCCAAUC

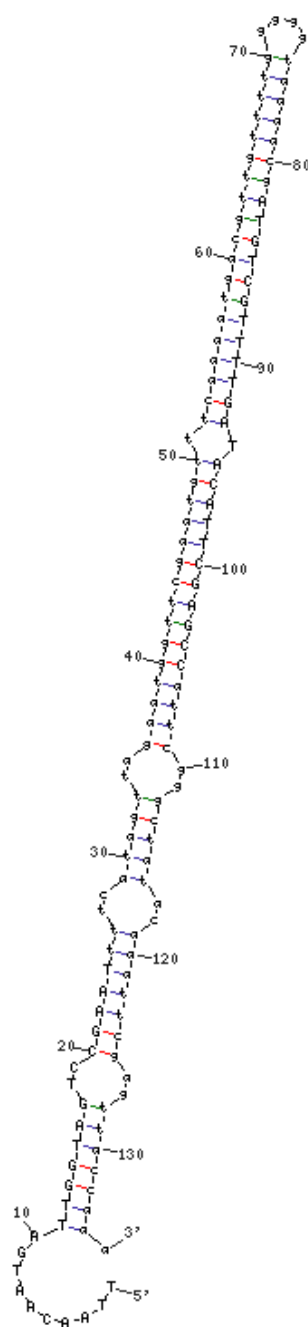
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -69.74234$$

csn-smR17-5p
 UUAACAAUGAUUGGUAGUCCGAU

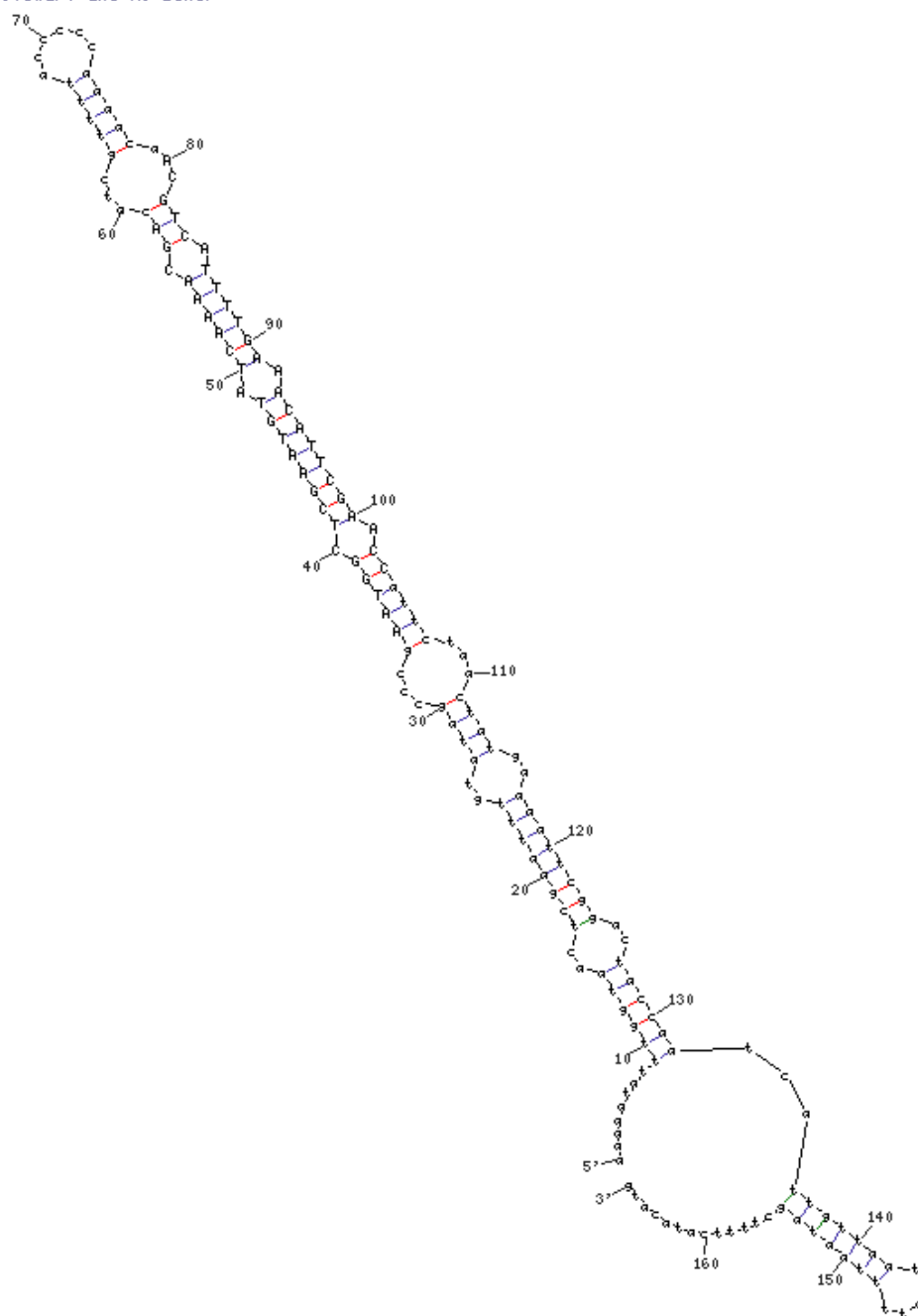
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$\Delta G = -69.74235$

csn-smR17-3p
AUGUCGUUUUGAUACAUGGAGCC

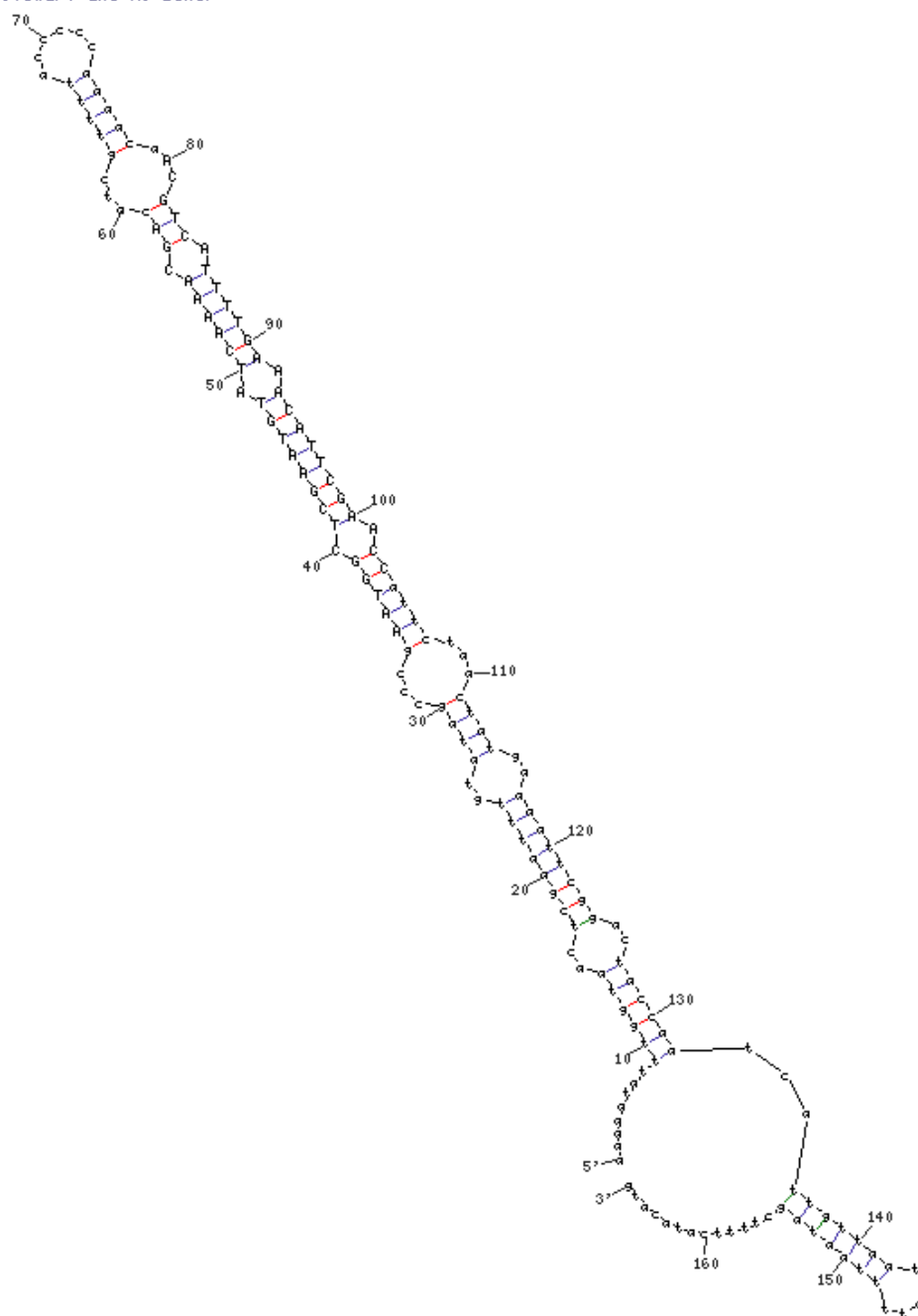
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$$\Delta G = -48.9 \pm 2.36$$

csn-smR18-5p
AAUGGCUCAAAUGUAUCAAAACGA

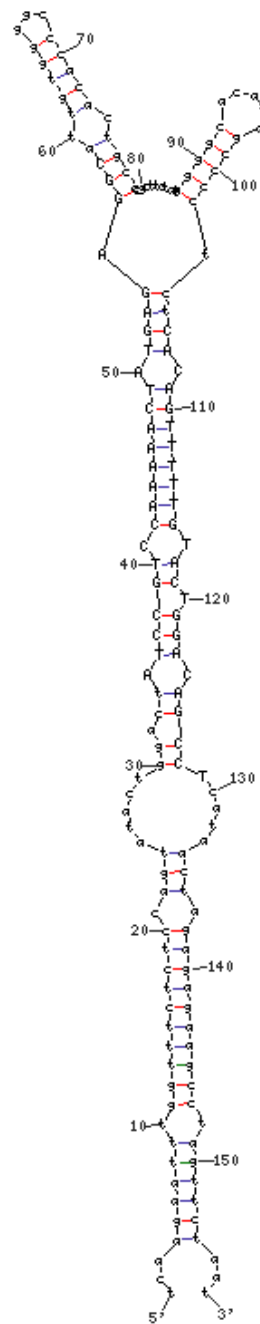
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -48.94237$

csn-smR18-3p
 ACGUCAUUUUGAGACAUUCGAACC

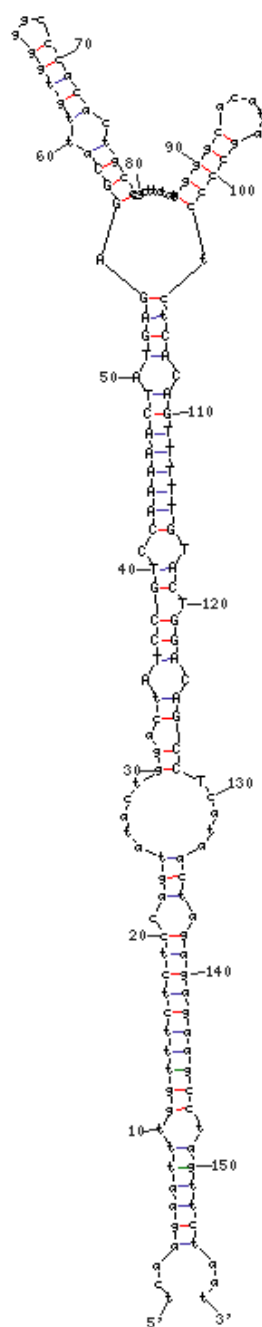
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -68.64238$

csn-smR19-5p
 AUCCGUCCAAAAGCUAUGAGAGGC

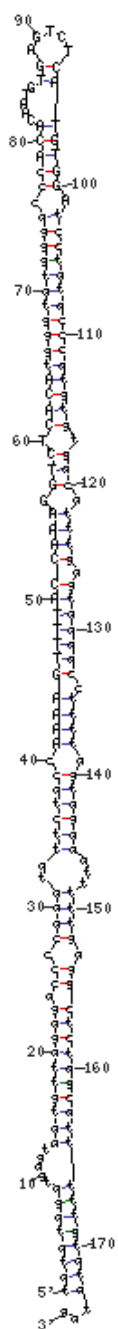
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -68.64239$

csn-smR19-3p
CACAGUUUUUGUACUGGACAGCCU

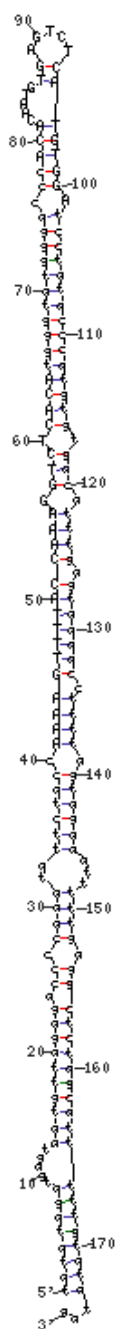
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -77.94240$

csn-smR20-5p
AAAAGUUUUACCAAUGUCUCACA

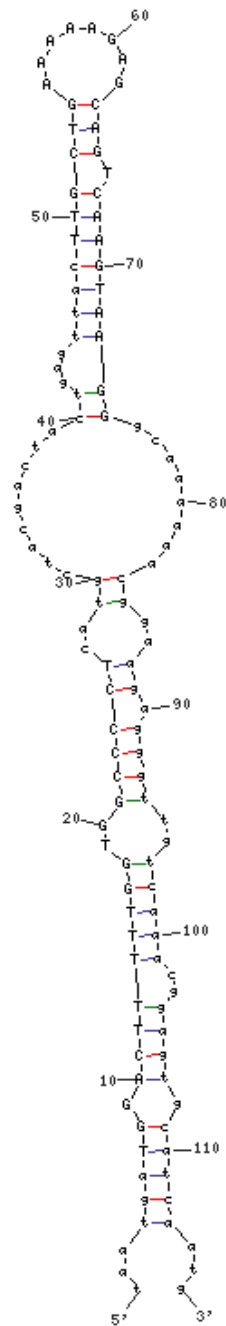
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



dG = -77.94241

csn-smR20-3p
ACACAAUGUGGGUCUCAUGUGGA

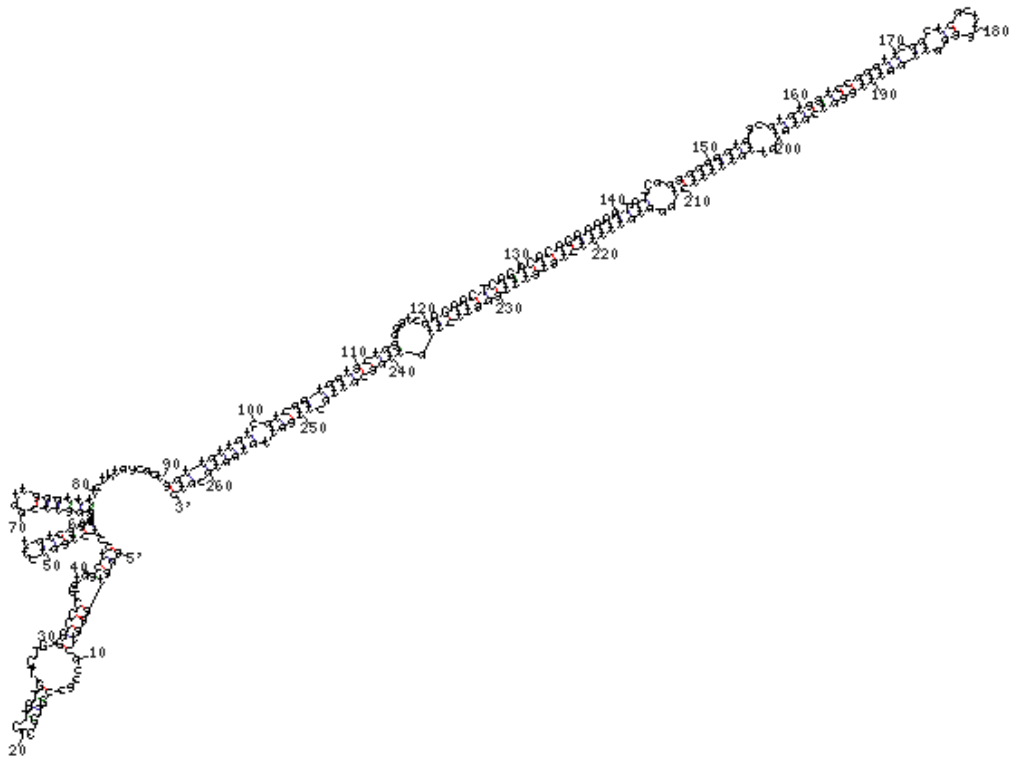
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -34.14242$

csn-smR21-5p
 UGGACUUUUUGGUGGCCCCU

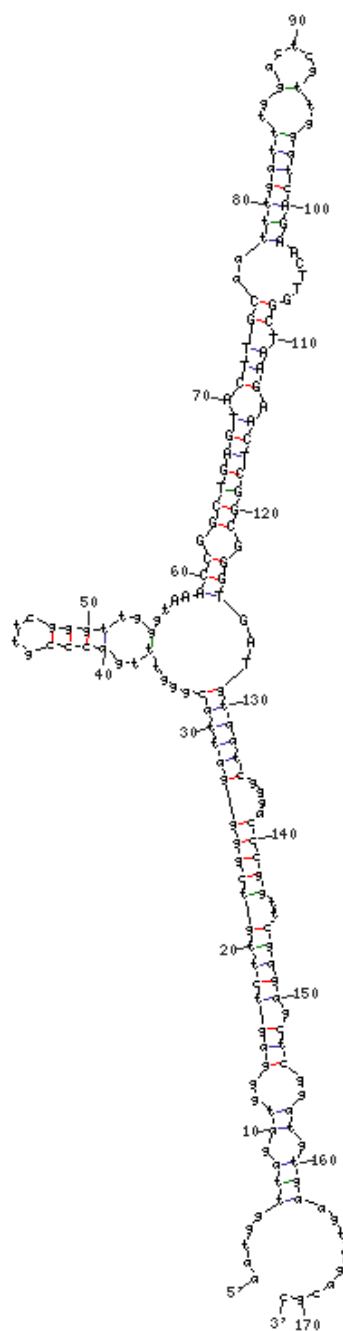
Output of `sm_graph ( )`
by D. Stewart and M. Zuker



$$\Delta G = -91.24245$$

csn-smR22
AGAACUCAGACACAGAAAAUAUC

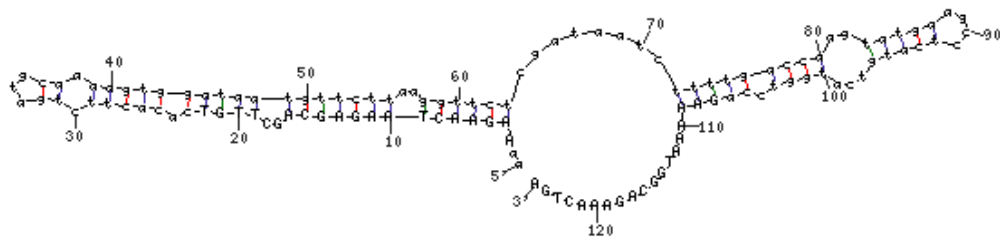
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -57.94246$

csn-smR23-5p
AAACCGGCCGAGUACUUGC

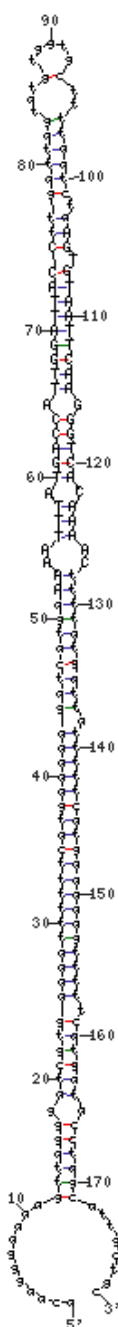
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -29.5 \text{ kcal/mol}$$

csn-smR25
 AAGAACUAAGAGCAGCUUGU

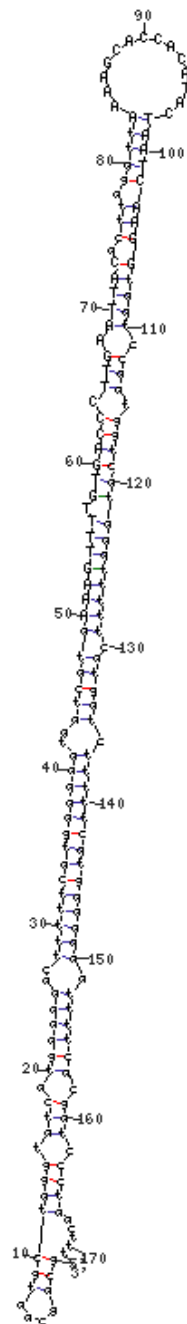
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -68.14254$

csn-smR27
AAAAUUUAUGACCCUUGGAUUACC

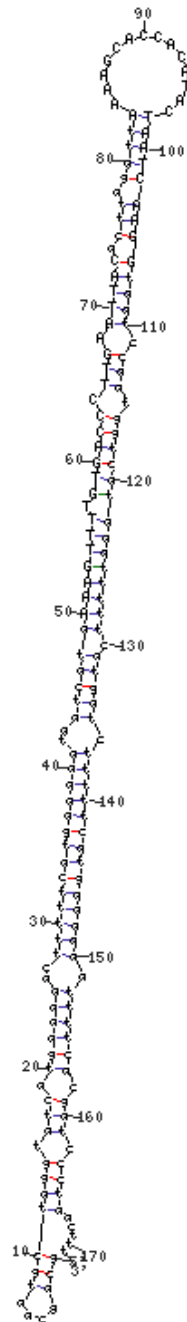
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -53.34256$

csn-smR28-5p
 AAAGUUUUGUGACCCUUGGAUUAC

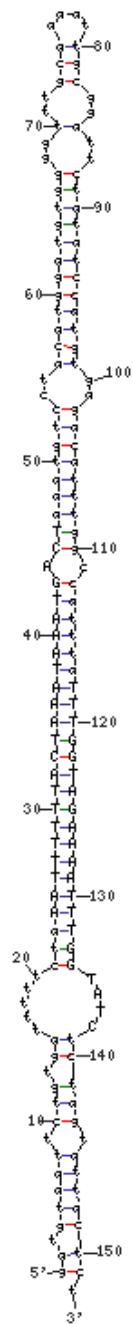
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -53.34257$

csn-smR28-3p
AAAAGCACACACACUAAUCAAGG

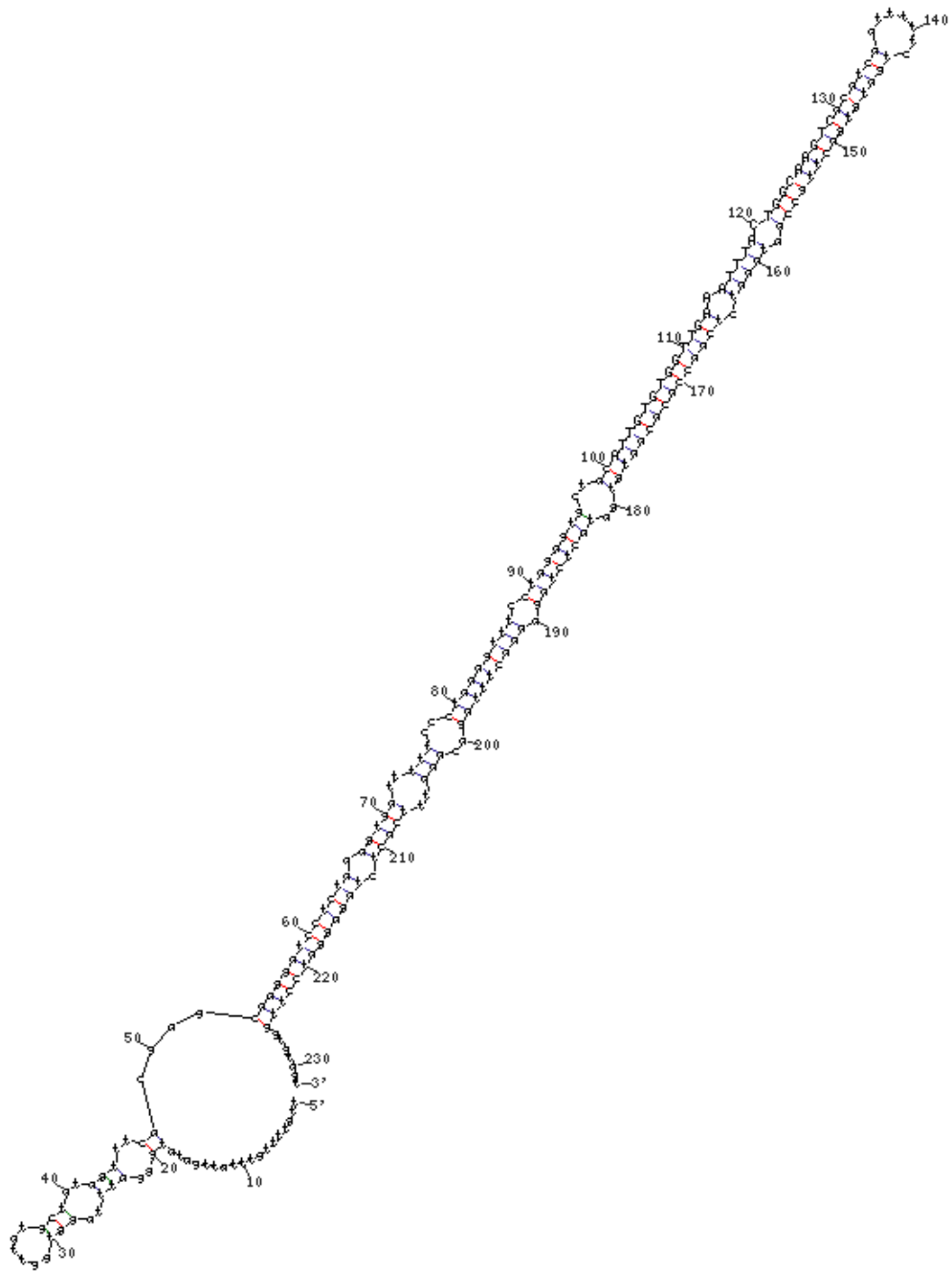
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -70.64259$

csn-smR29
 UUUGGUAGAAAAUUUGGUAUC

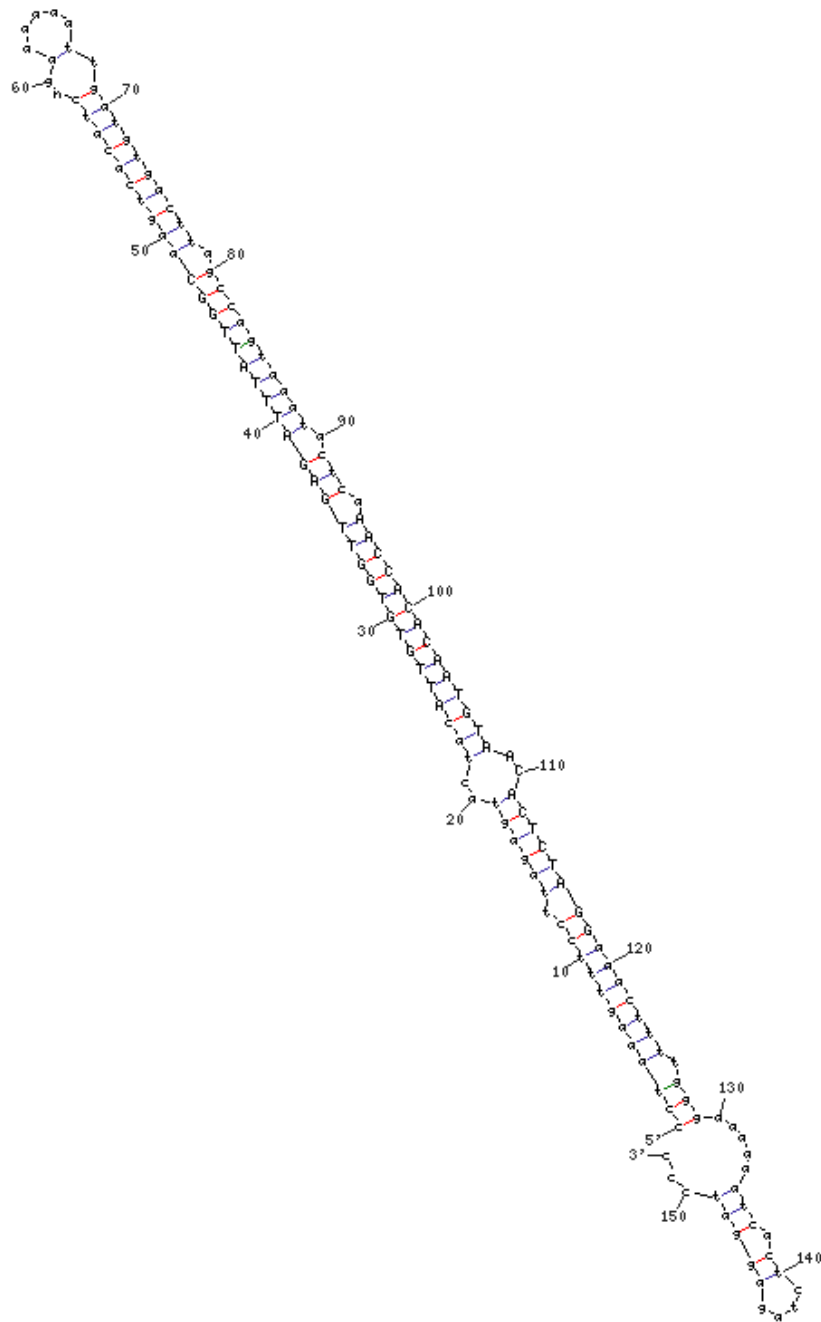
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -114.34260$

csn-smR30
AUUGUGUGGUUGAGAUUUACUGGC

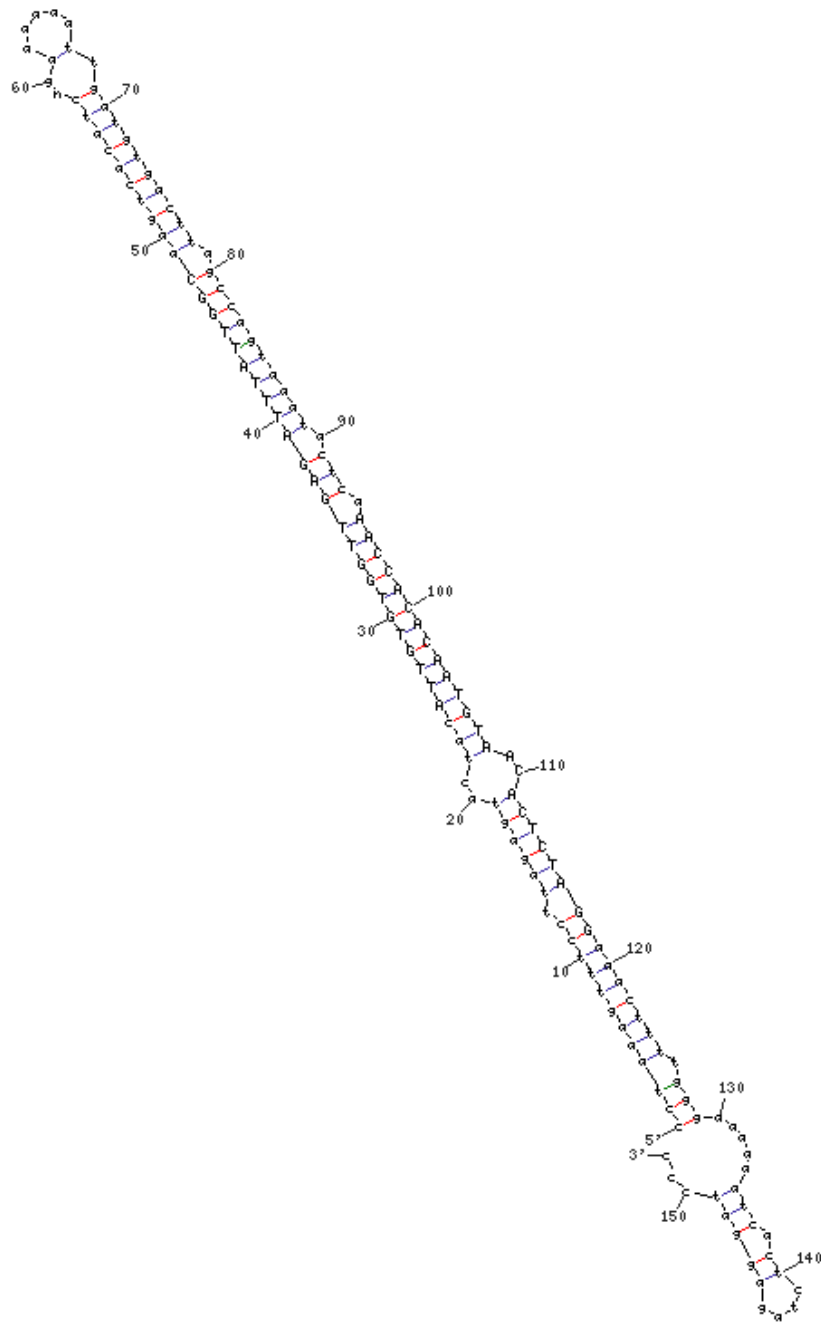
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$\Delta G = -75.64262$

csn-smR31-5p
AUUGUGUGGUUGAGAUUUAUUGGC

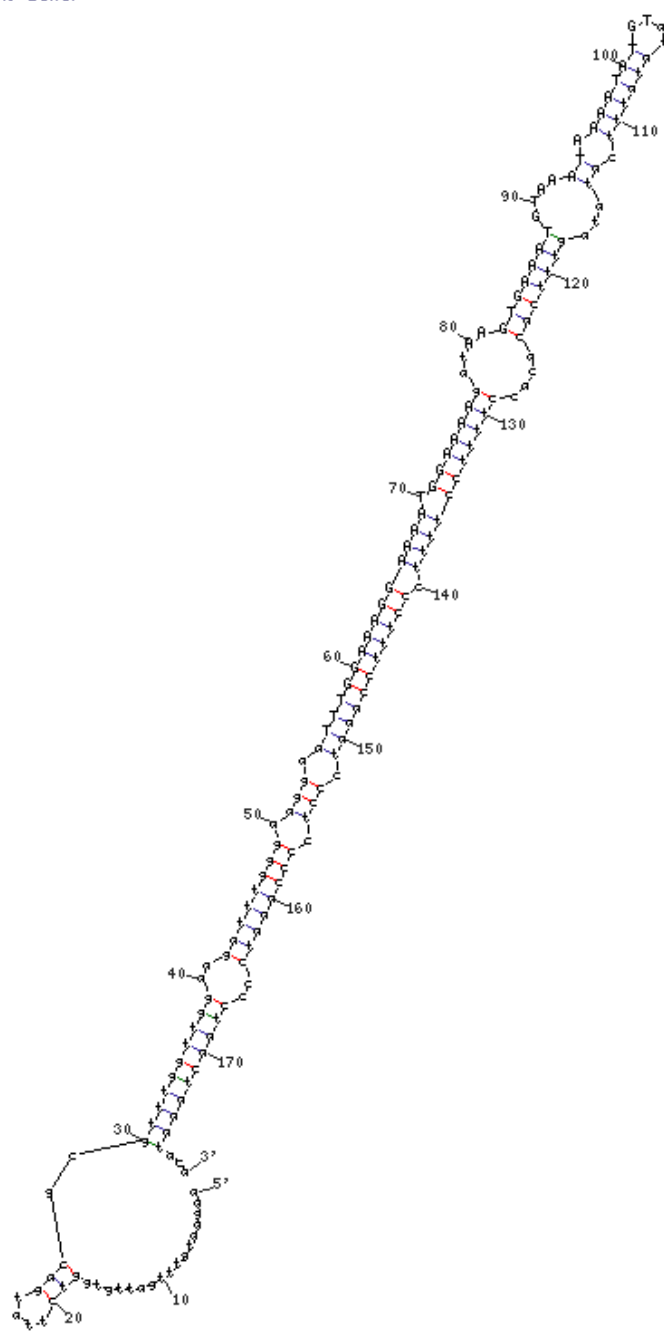
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$\Delta G = -75.64263$

csn-smR31-3p
AACCACACAAUGUAACACUCUAGG

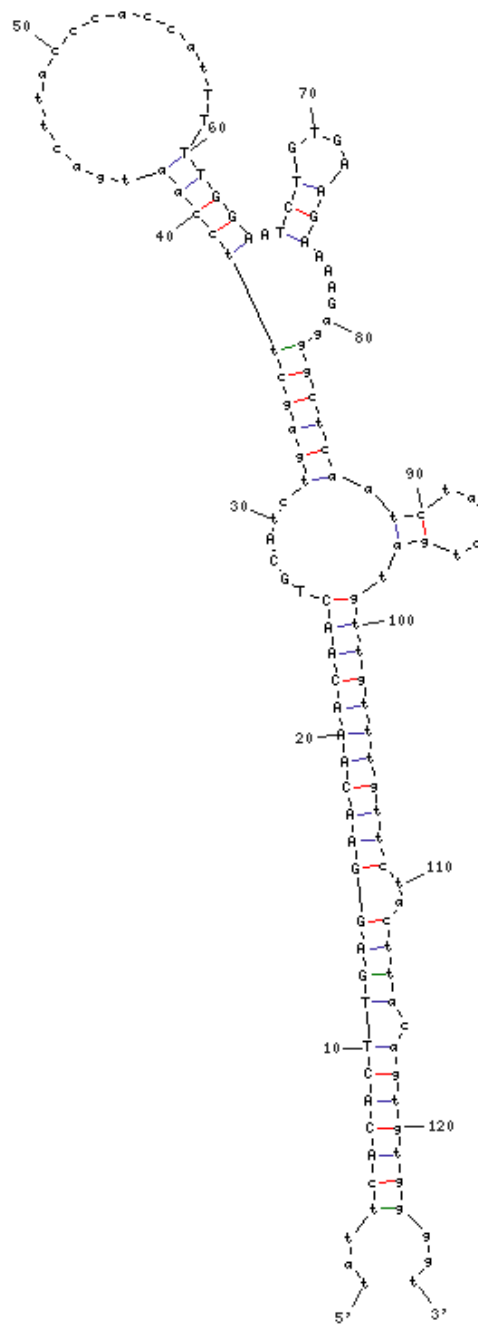
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -63.64264$

csn-smR32
UUUGGAAAGGGAAAUGGAAAA

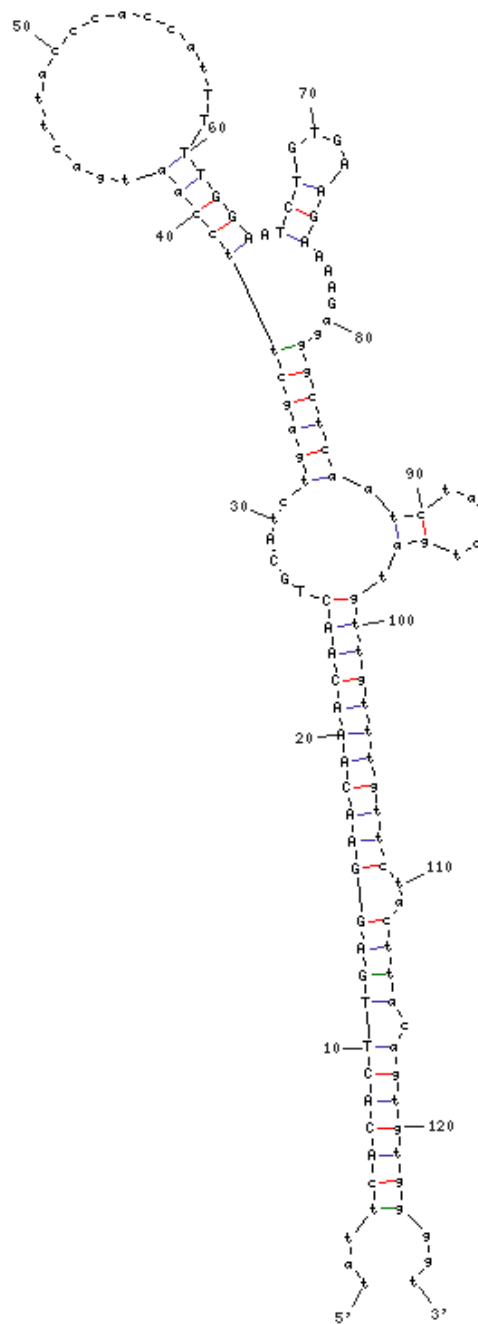
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -35.266$

csn-smR33-5p
 ACACUUGAGGAACAAACAACUGCA

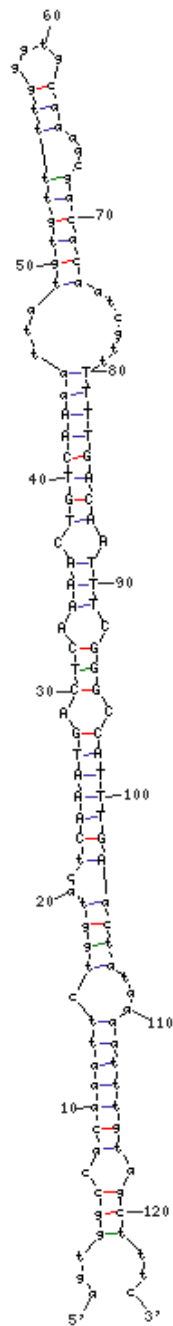
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -35.267$

csn-smR33-3p
 UUUUGGAGUCUGUGAAGAAAAG

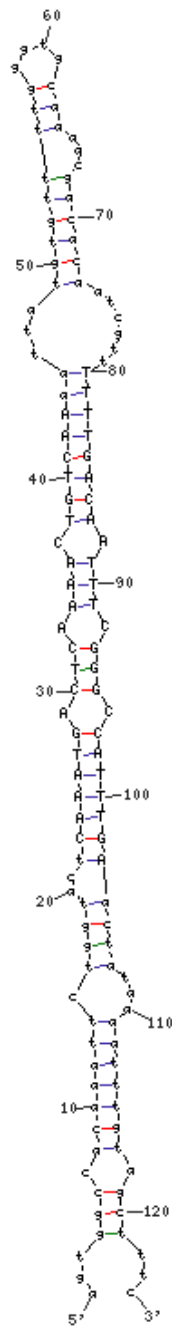
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -33.270$

csn-smR34-5p
 CAAAUGGCUCAAAACUGUCA

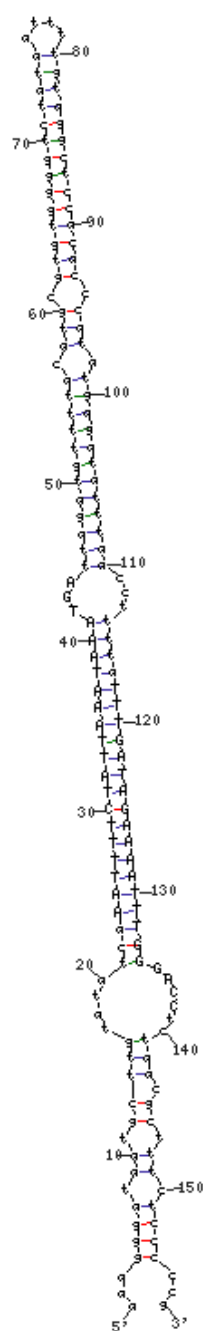
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -33.271$

csn-smR34-3p
 UUUUGACAUUUUCGGGCCAUUUGA

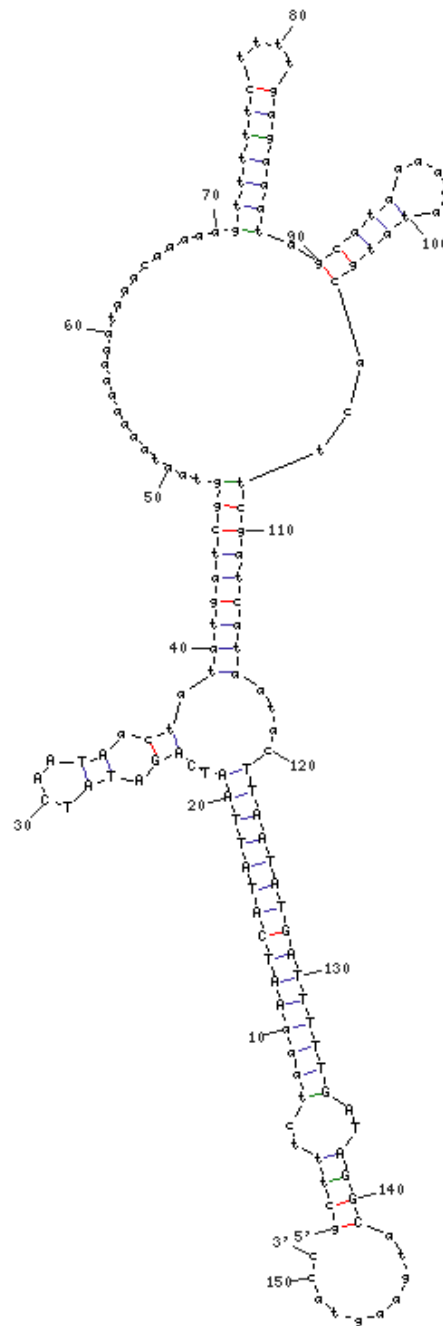
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -62.41273$

csn-smR35
UUUGGUAGAAAAUUUGGGACC

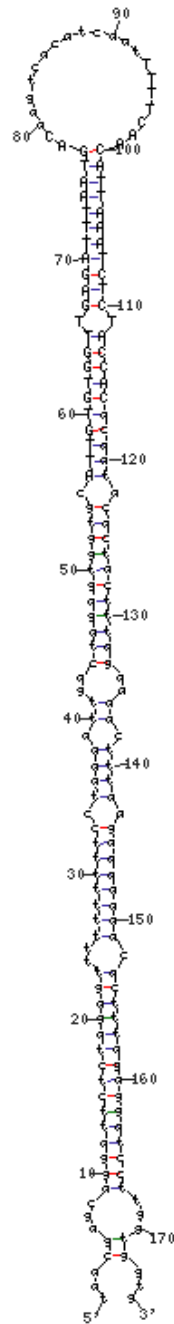
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -34.84275$

csn-smR36
 UAAUAUGAUUUUUGGUAGGC

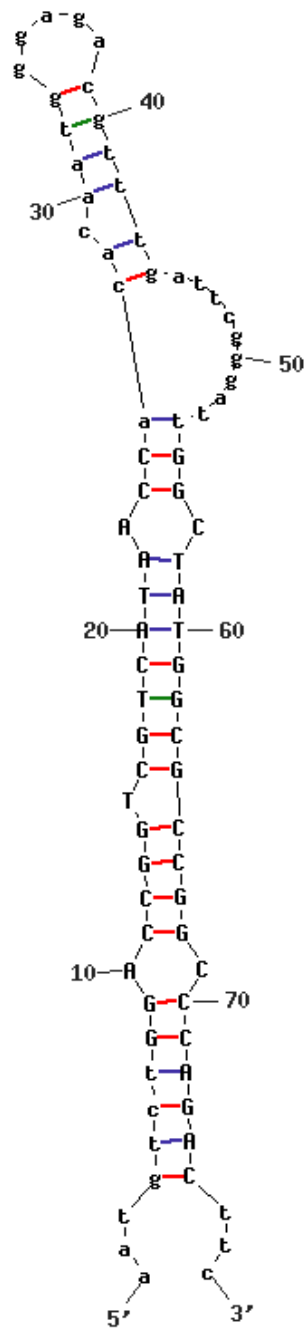
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -72.74276$

csn-smR37
 AUUGUGUGGUUGAGAUUUAUGAC

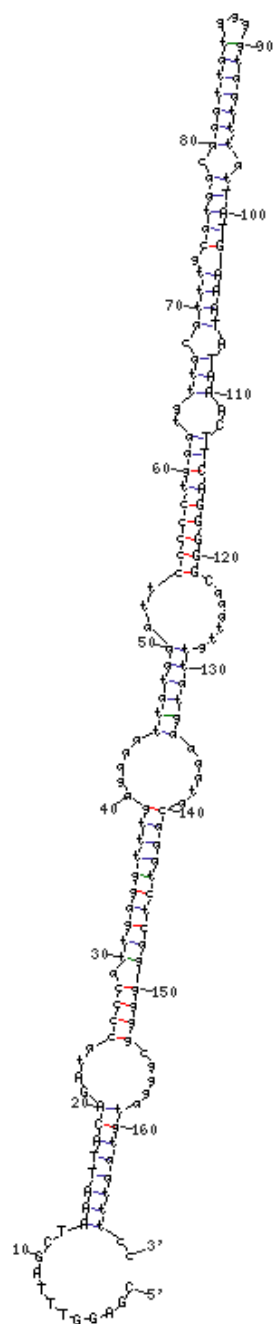
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



dG = -31.14279

csn-smR38-3p
 GGCUAUGGCGCCGGCCCAGAC

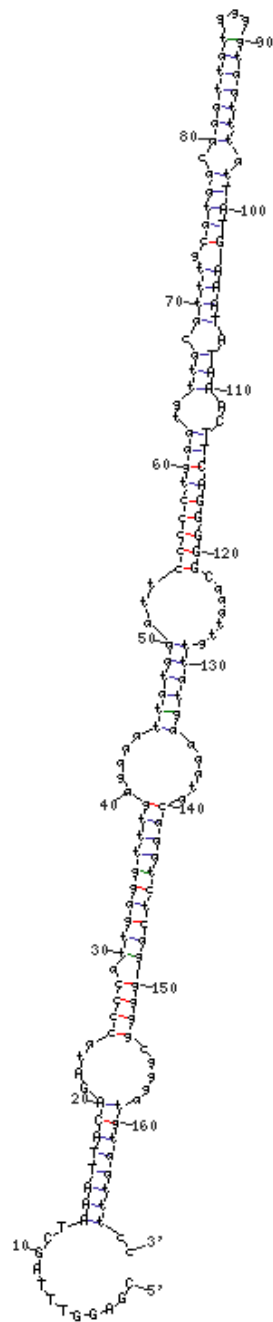
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -51.94282$

csn-smR39-5p
CGAGGUUUAGCUAAAUUACAGA

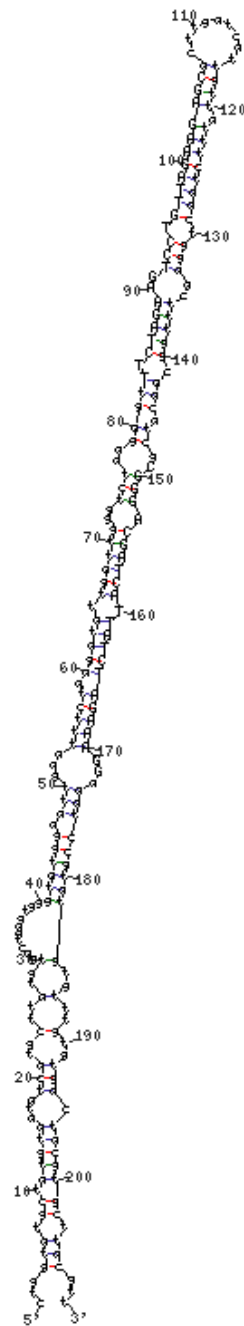
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -51.94283$

csn-smR39-3p
UAUGAAAUUAAAACUUCAGGGGGC

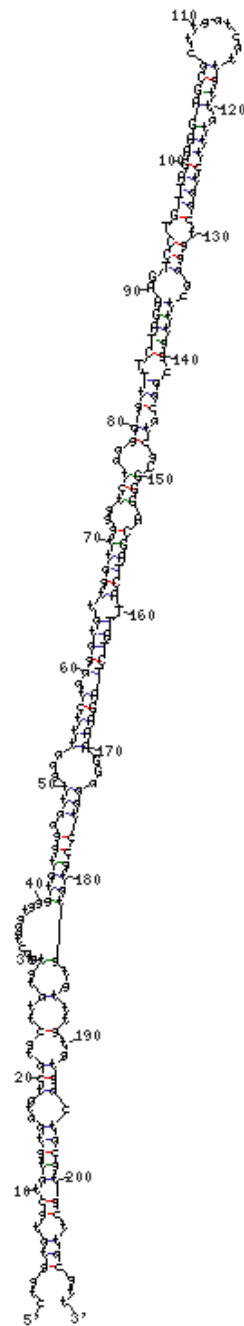
Output of `sm_graph ( )`
by D. Stewart and M. Zuker



$\Delta G = -57.84284$

csn-smR40-5p
UUCUAGAAGUCCUAUUAGAAGAGC

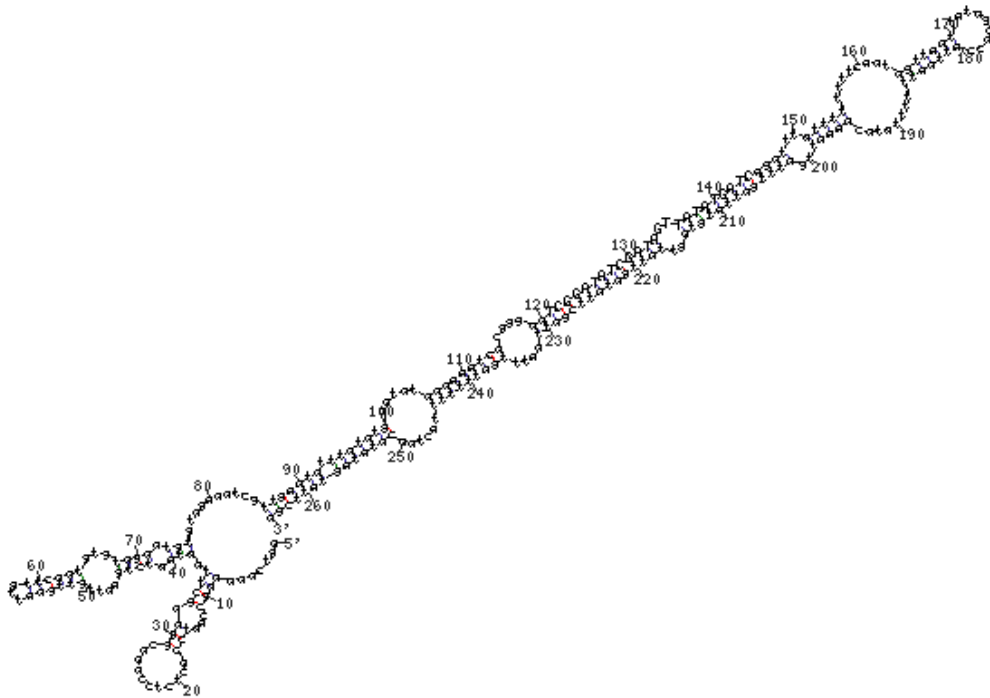
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$\Delta G = -57.8 \pm 285$

csn-smR40-3p
CGGGACGAUCAUUAUUUAGAAAGG

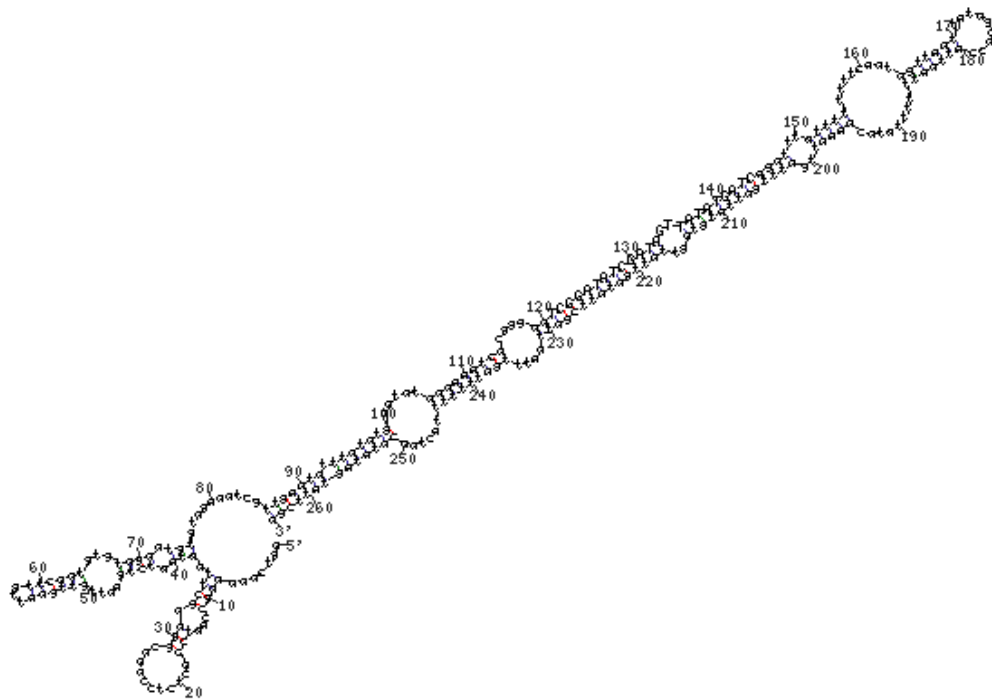
Output of `sir_graph ( )`
by D. Stewart and M. Zuker



$$\Delta G = -62.1 \text{ kcal/mol}$$

csn-smR41-5p
CGGAUAUCGAUAGUUAUGUGA

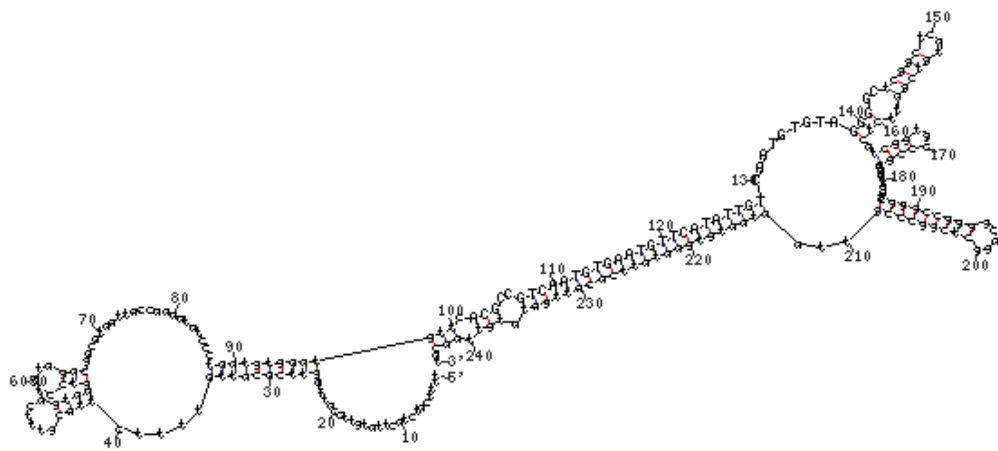
Output of `smr_graph ( )`
by D. Stewart and M. Zuker



$$\Delta G = -62.14287$$

csn-smR41-3p
UCGGAUAUCGAUAGCUAUAUGAUC

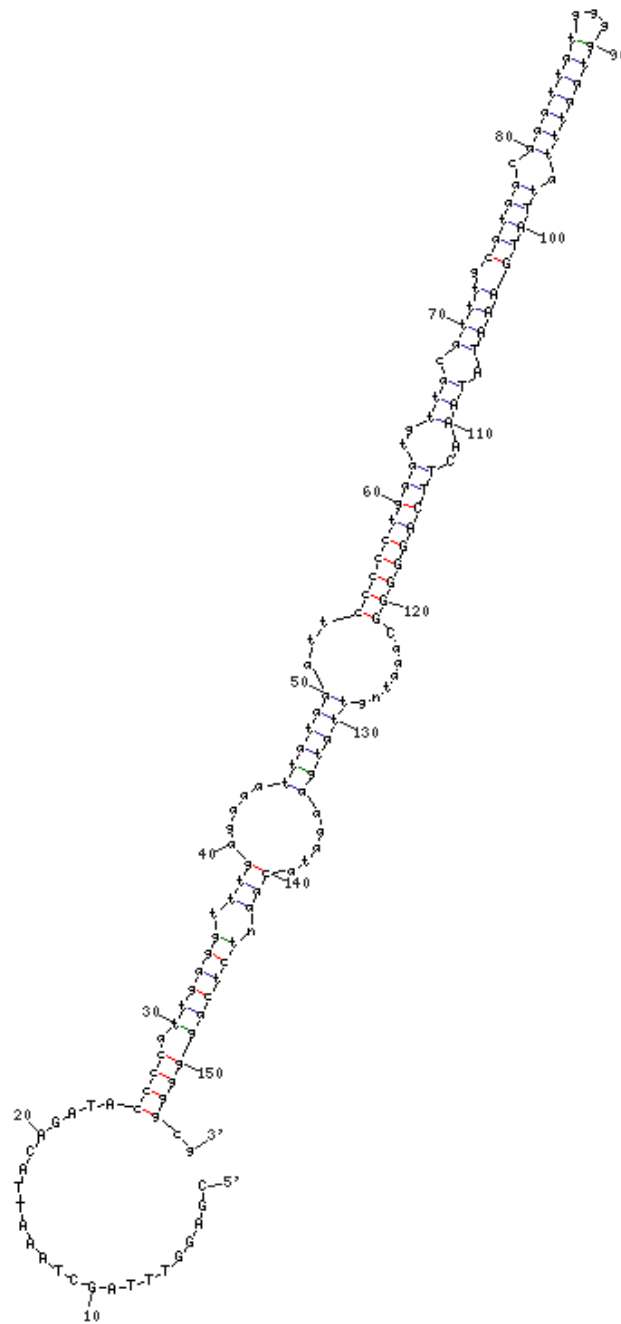
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -75.7 \pm 2.88$$

csn-smR42
 ACACCGUCA AUGUGAAUGUUCAUA

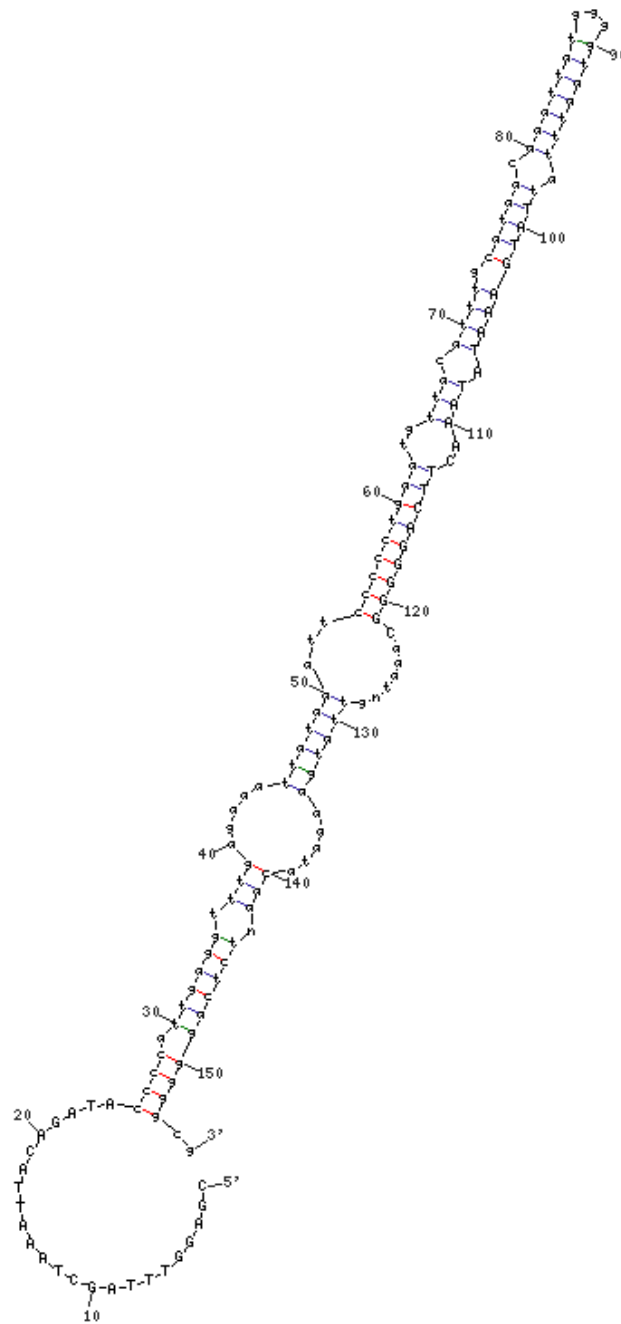
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -43.8 \pm 290$

csn-smR43-5p
 CGAGGUUUGGCUAAAUUACAGAU A

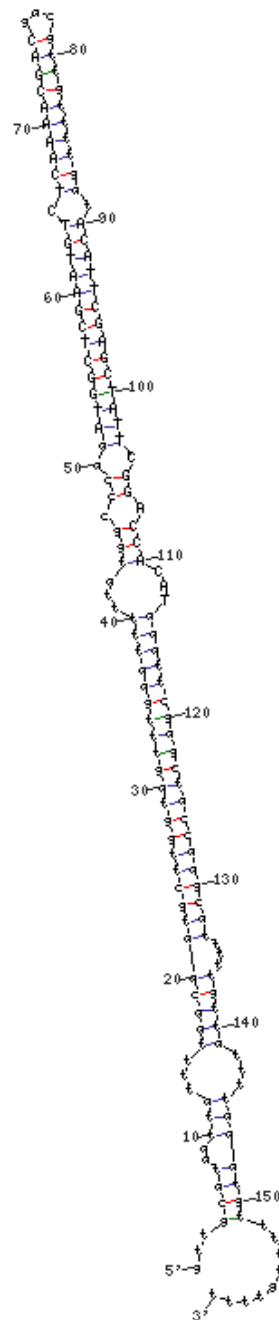
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -43.84291$

csn-smR43-3p
 UAUGAAAUAUAACCU CAGGGGGC

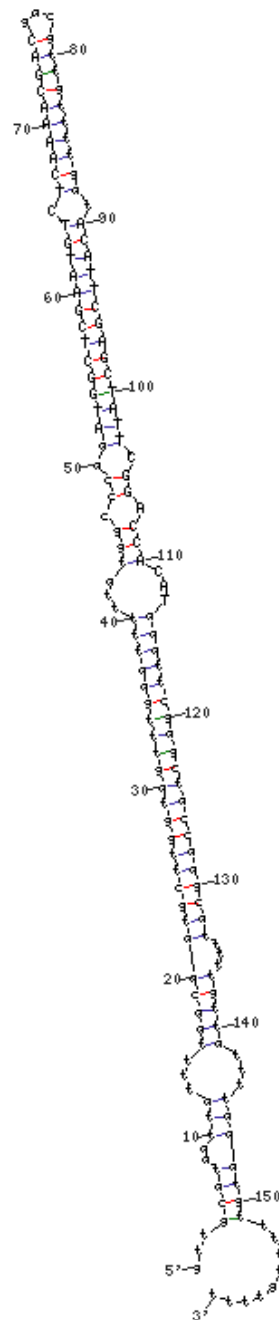
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -72.54292$

csn-smR44-5p
AUGACUCGAAUGUCUAAAACGAC

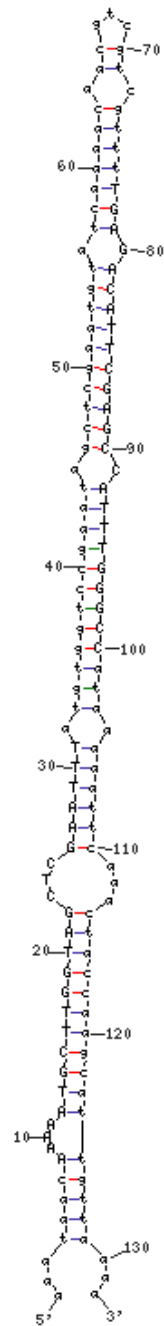
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



dG = -72.54293

csn-smR44-3p
ACAUUCGAGCUAUUCGGACCACAC

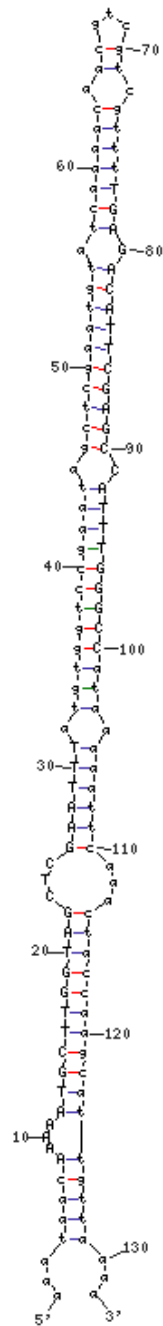
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -66.54294$

csn-smR45-5p
 AAAAAUGAUUGGUAGCUCGAAUUU

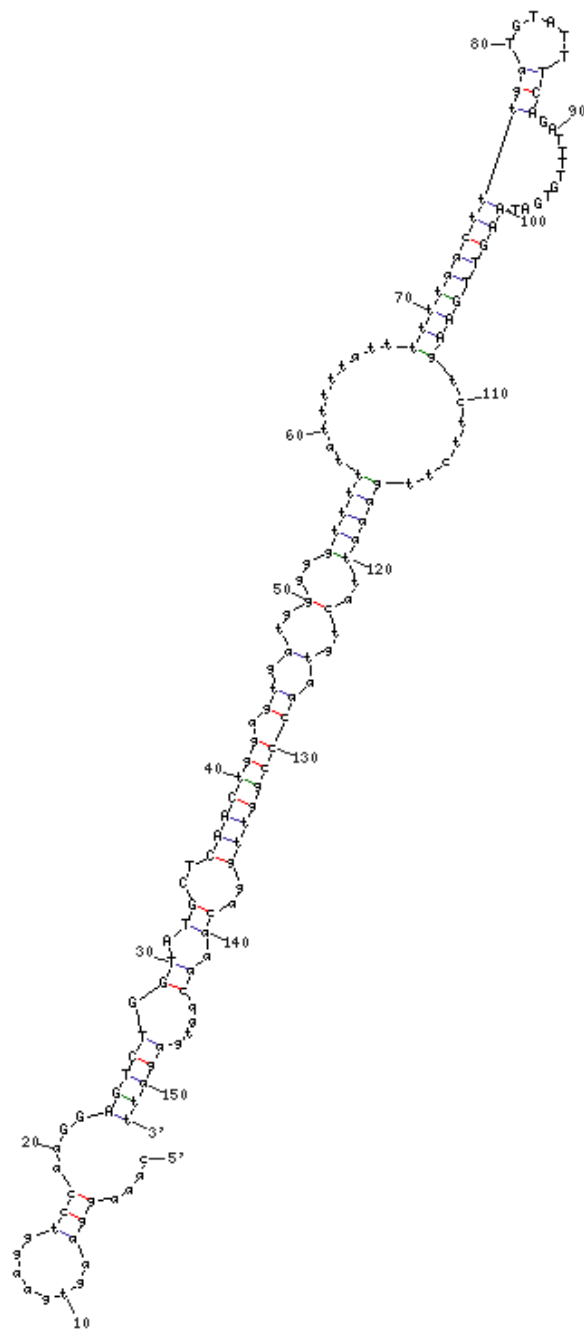
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -66.5 \pm 2.95$$

csn-smR45-3p
 UGAGACAUUCGAGCCAUUUGAGCC

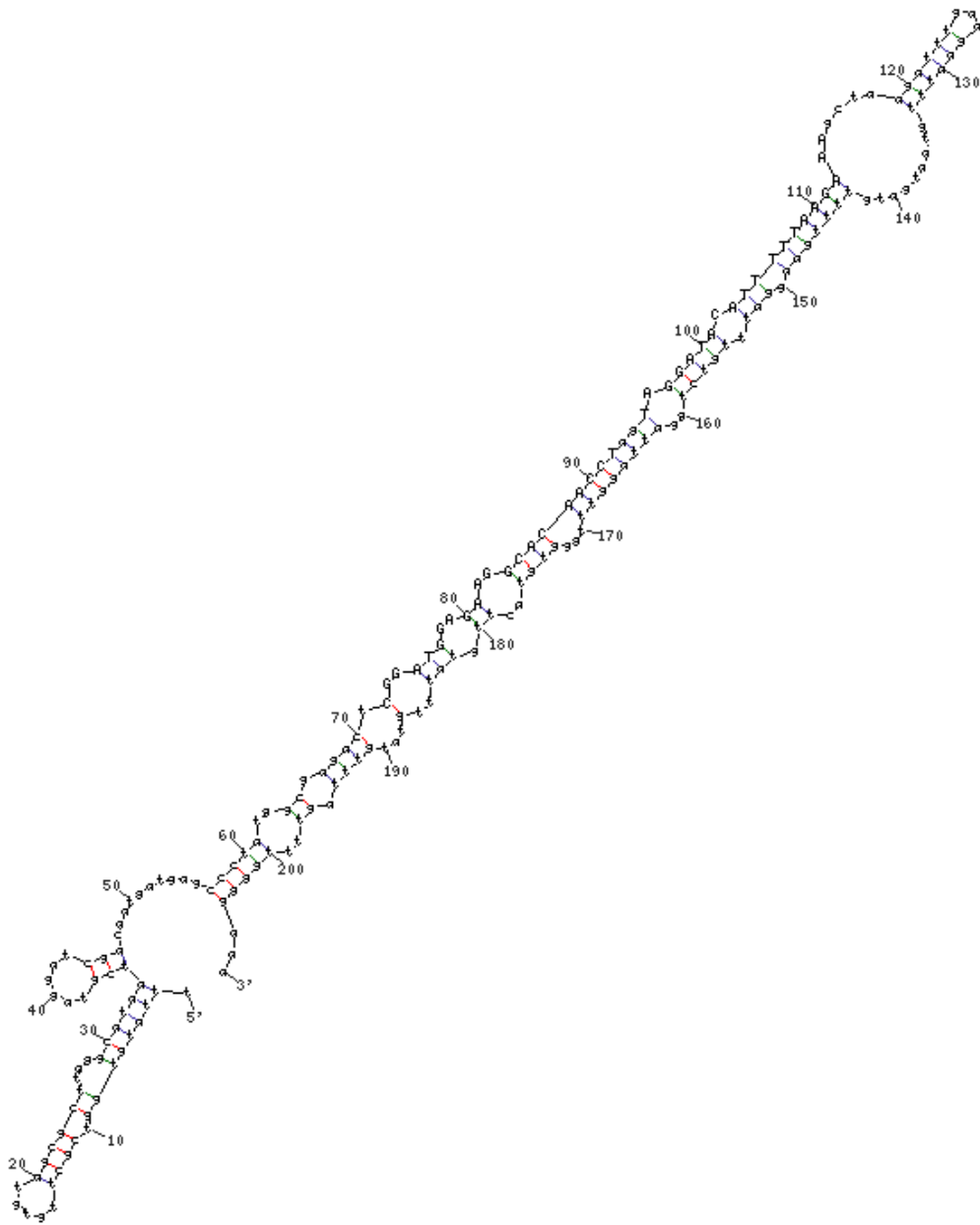
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -28.64296$

csn-smR46
GGAGUCUGGUAUGCUC AAC

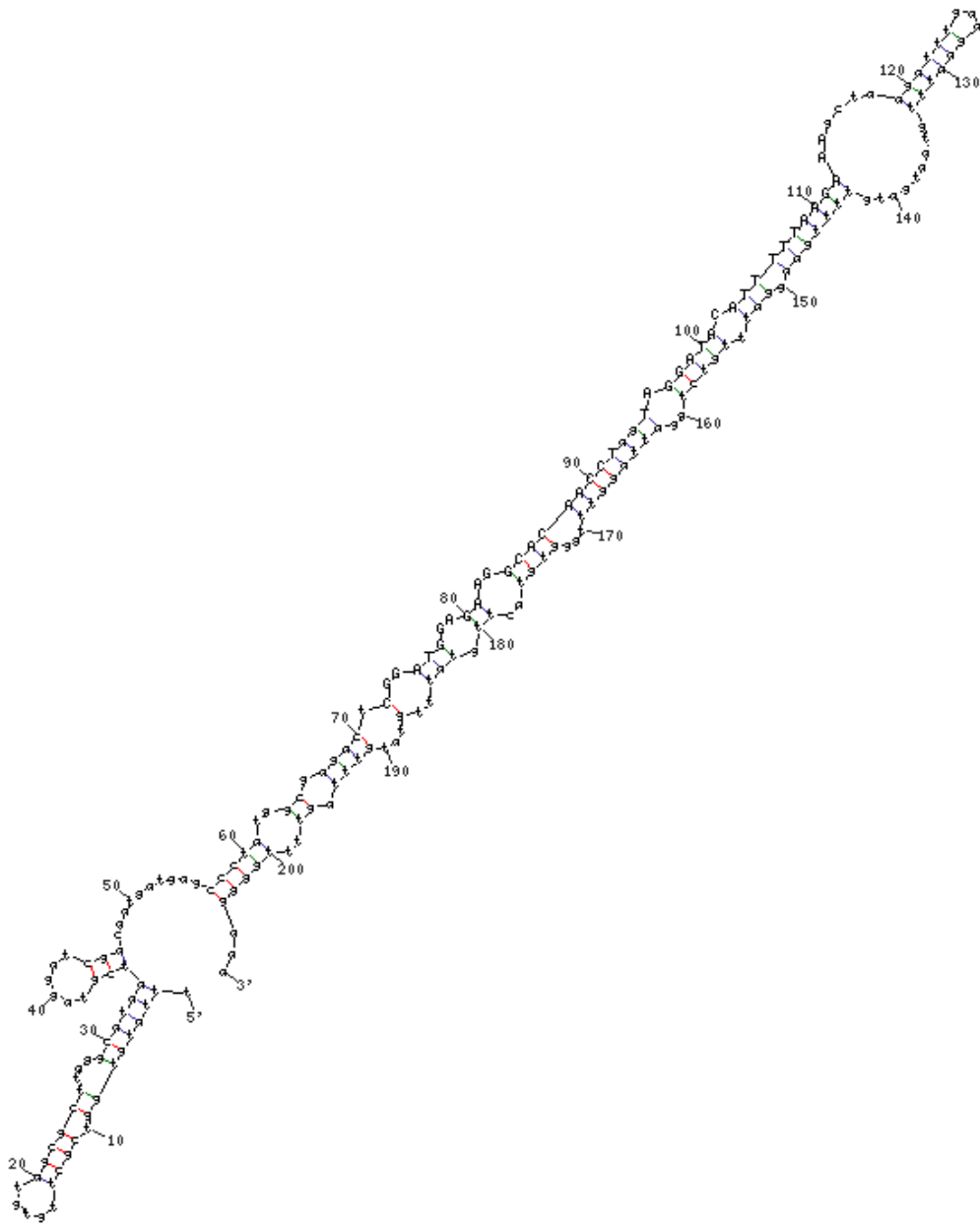
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$$\Delta G = -42.4 \pm 298$$

csn-smR47-5p
CGGAUGGAGAAGGCACAACCU

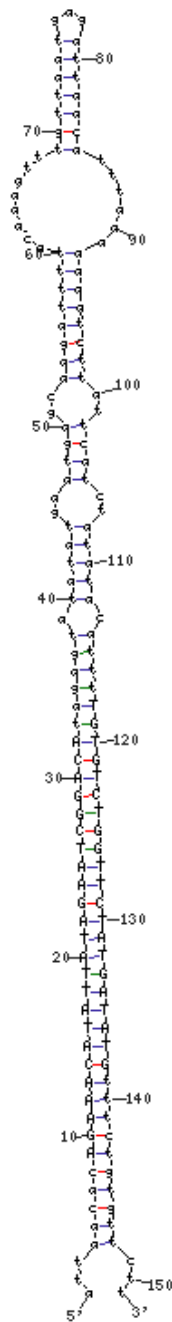
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$$\Delta G = -42.4 \pm 2.99$$

csn-smR47-3p
UAGGAUACA UUUUUAAGAAA

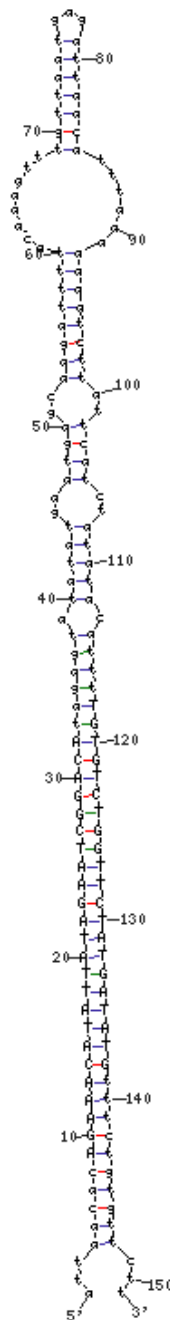
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -66.64302$

csn-smR49a-5p
 AGAAACAUAUUAUAGAAUCGGACA

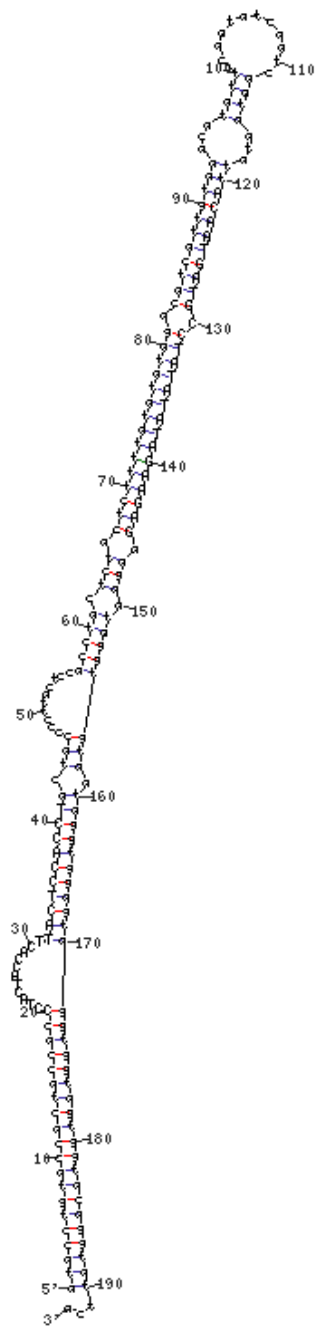
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -66.64303$

csn-smR49a-3p
 UGUGUCUGGUUCUAUGAUAUG

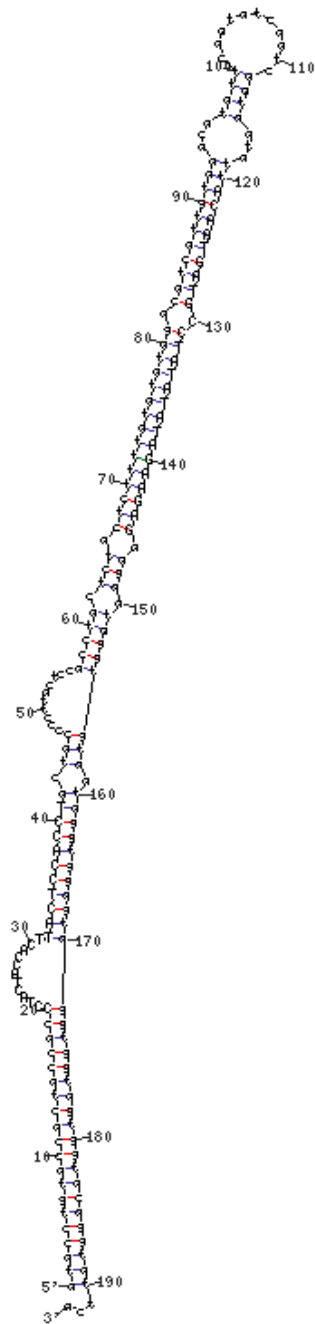
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -94.54304$

csn-smR50-5p
CCUACUACCACCUACUCCACCU

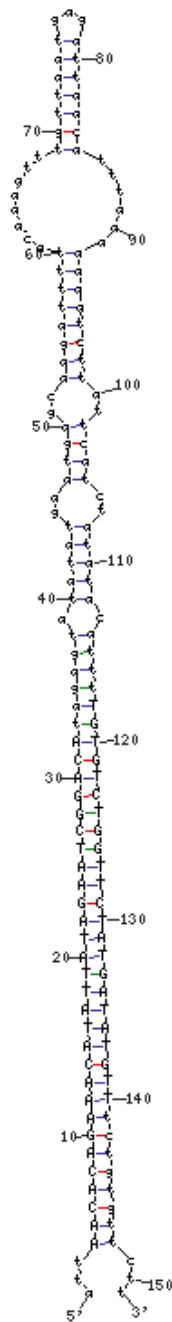
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -94.5 \pm 305$

csn-smR50-3p
ACAAUGAUGCCUAUAUAUAGAAGAG

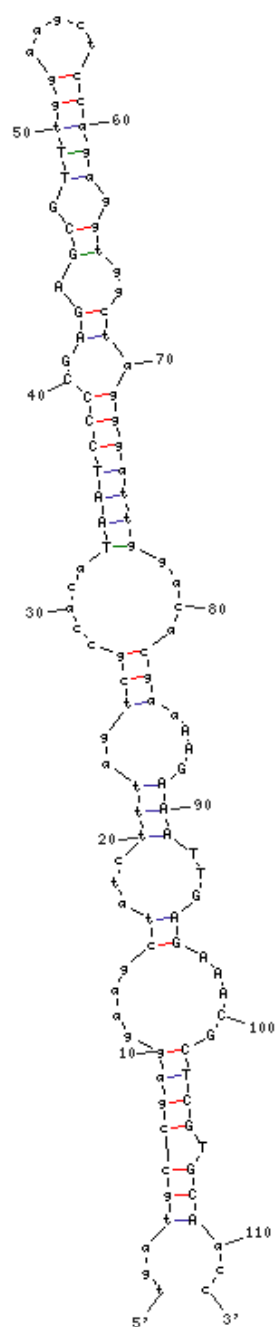
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -66.64307$

csn-smR49b-3p
 UGUGUCUGGUUCUAUGAUAUGUU

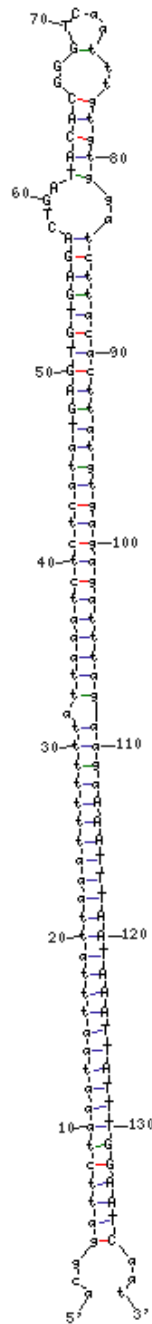
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -29.94309$

csn-smR52-3p
 AAGAAAUUGAGAAACGCUCGUGCA

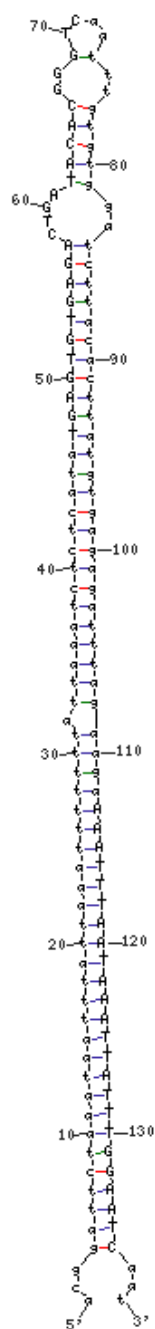
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -72.7 \pm 3.10$$

csn-smR53-5p
 UGAGUGUGGGACUGAUACACGGGUC

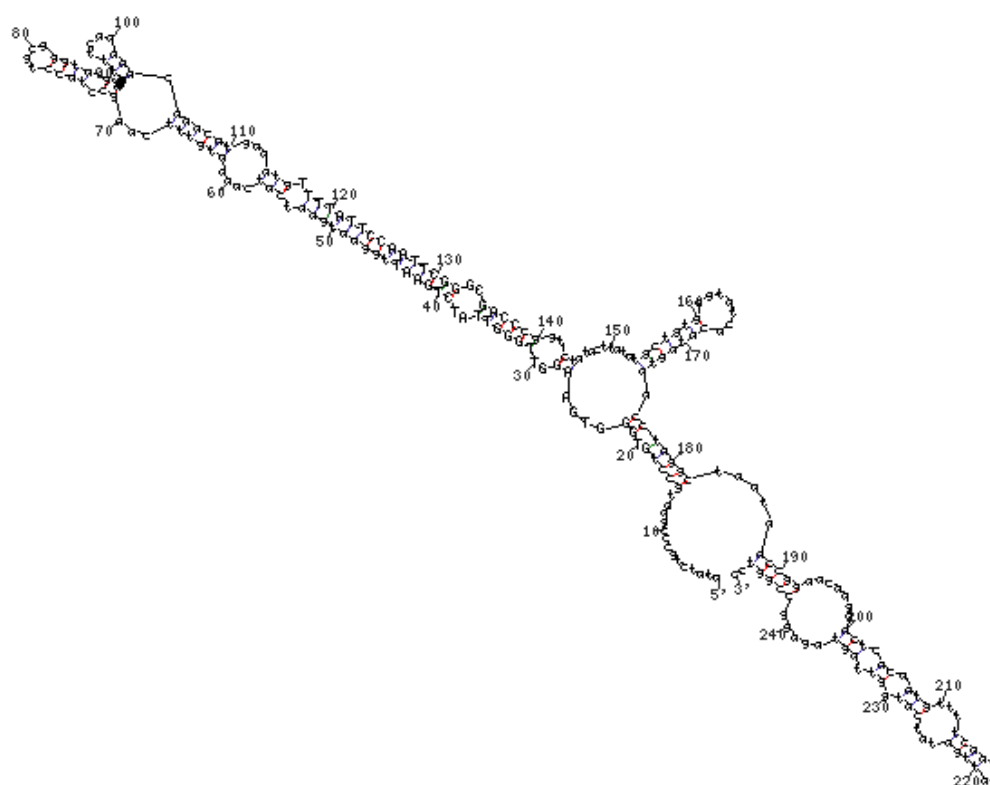
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -72.74311$

csn-smR53-3p
 AAAUUUAAUAAUUAUUUGGAACC

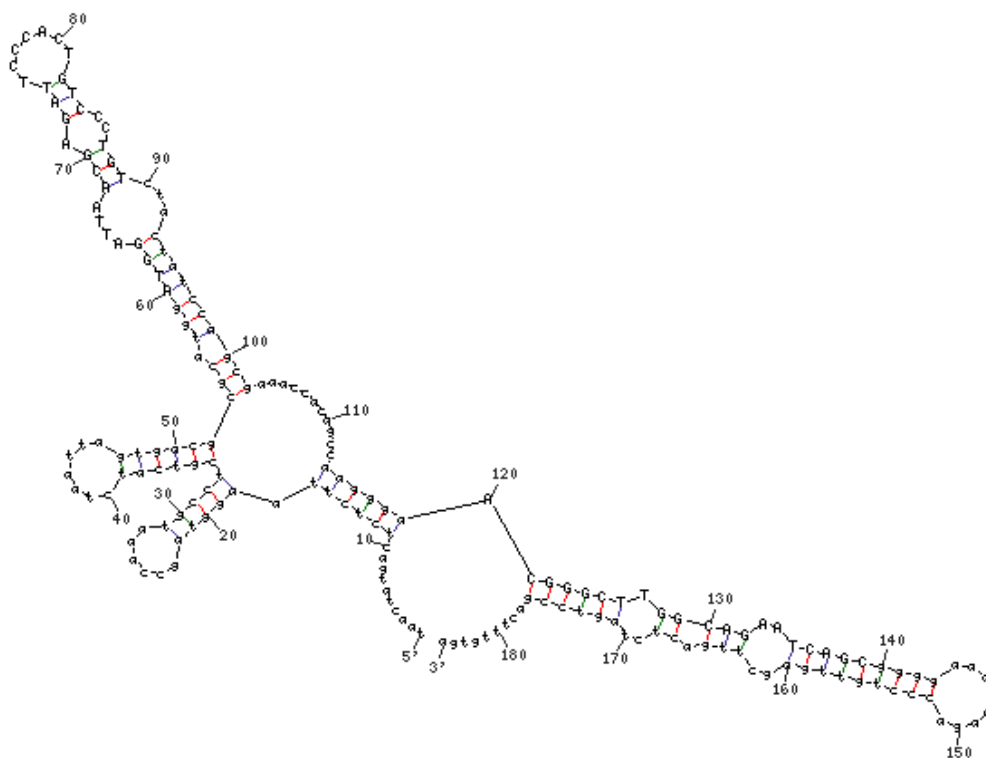
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -71.315$$

csn-smR55-3p
 UUUUGUCCAAUUCGGGCGACC

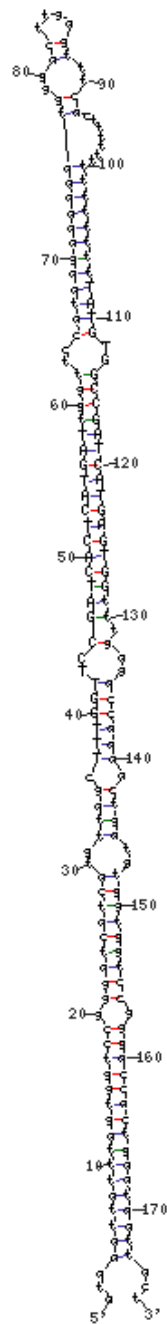
Output of `sir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -53.64319$$

csn-smR56
 ACGGGCUUGGCAGAAUCAGC

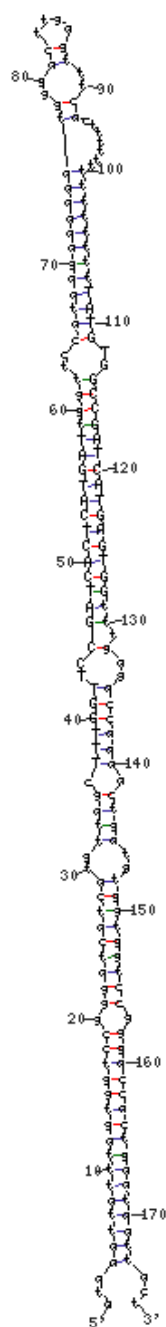
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$\Delta G = -98.41320$

csn-smR57-5p
UUUGGUUCCGAUCACUCAUGAU

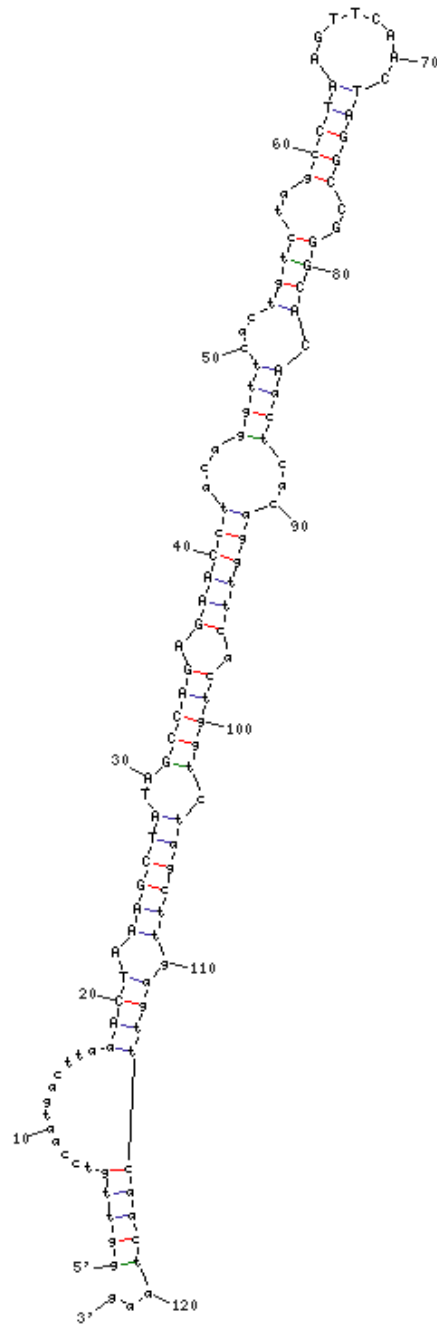
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -98.41321$

csn-smR57-3p
UAUGUGGCCGAUCAUGAGUGG

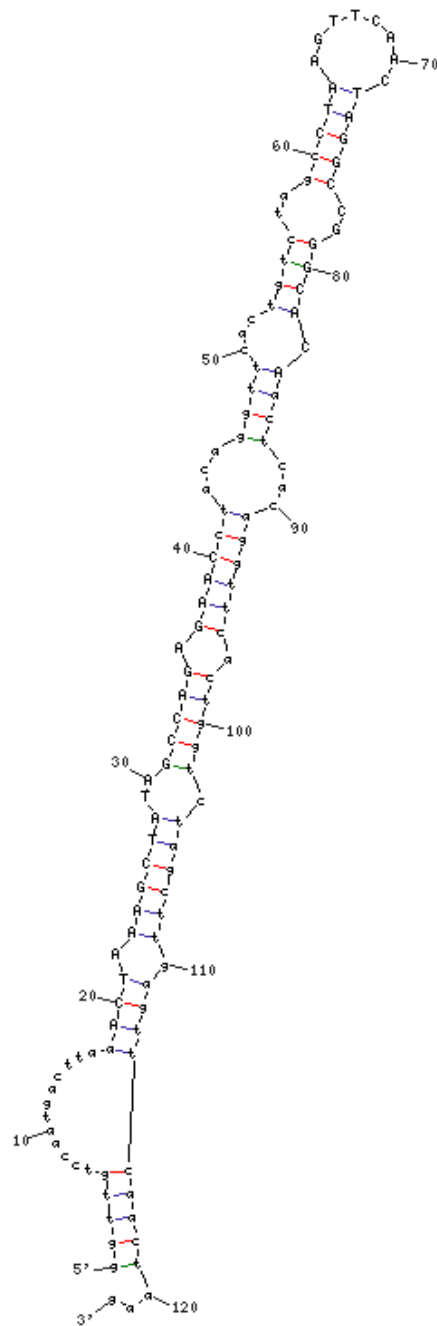
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -42.322$$

csn-smR58-5p
 ACUAAAGCUAUAGCCAGAGAAC

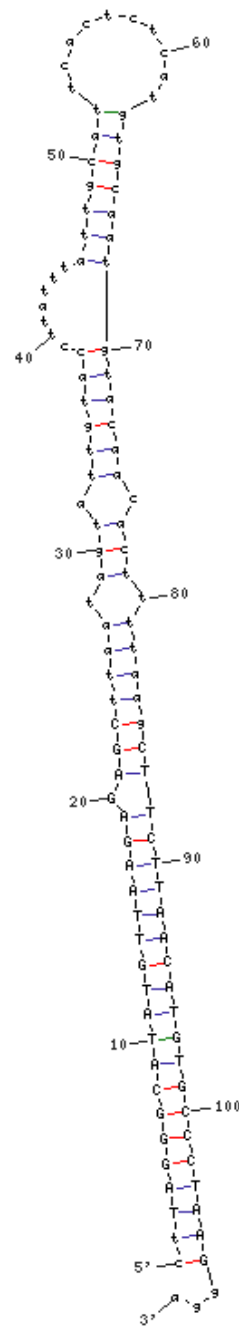
Output of `smr_graph ( )`
 by D. Stewart and M. Zuker



$dG = -421323$

csn-smR58-3p
 CUAAGUUCAACUAGGCCGGGCACA

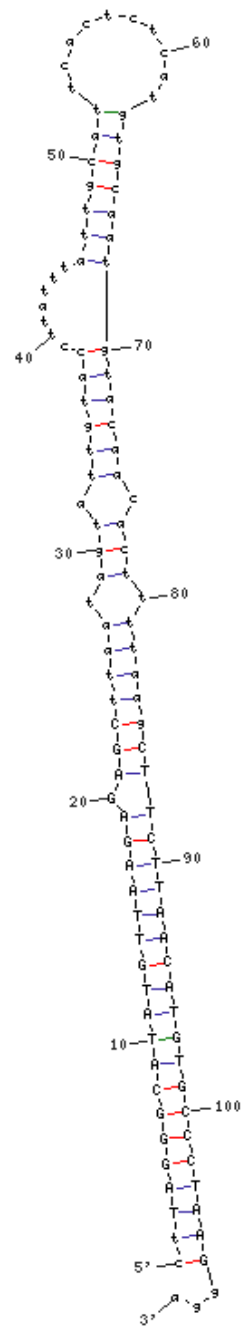
Output of `smr_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -53.324$

csn-smR59-5p
 UAGGGCAUAUGUUAAGAGAGC

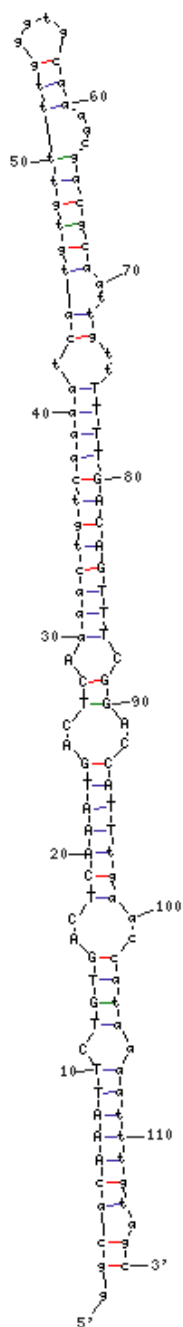
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -53.1325$

csn-smR59-3p
 CUUCUUAACAUGUGCCCUAAG

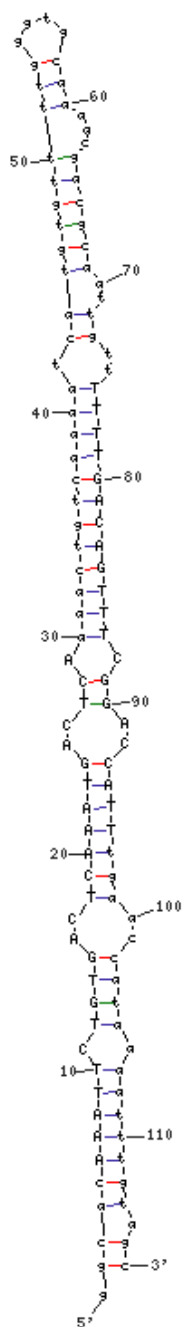
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -37.14326$$

csn-smR60-5p
 AAAUUCUGUGACUCAAAUGACUCA

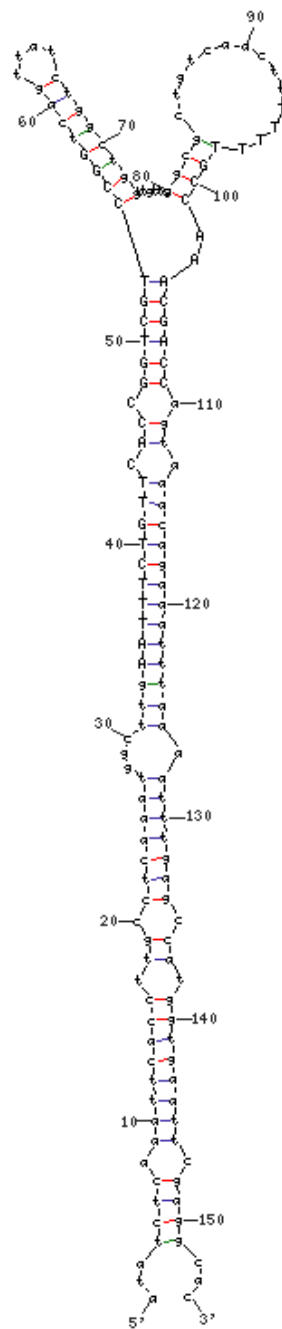
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$$\Delta G = -37.14327$$

csn-smR60-3p
UUUUGACAUUUUCGGACCAUU

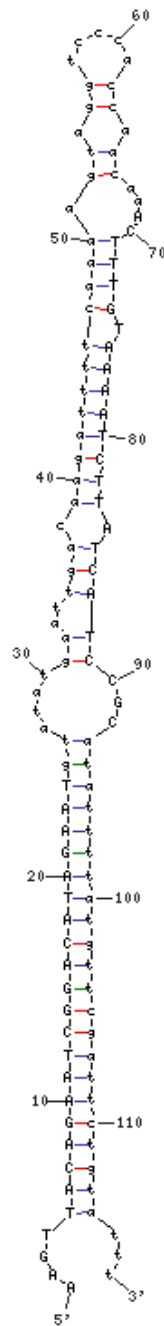
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -63.328$

csn-smR61-5p
 AAUUUCUGUUCACCGGUCGUCCGG

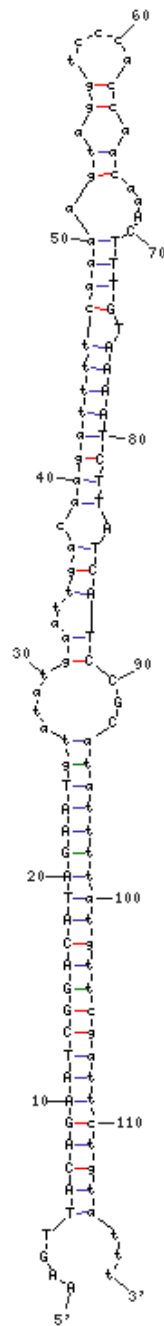
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -39.41330$$

csn-smR62-5p
 AAGUUACAGAAUCGGACAUAGAAU

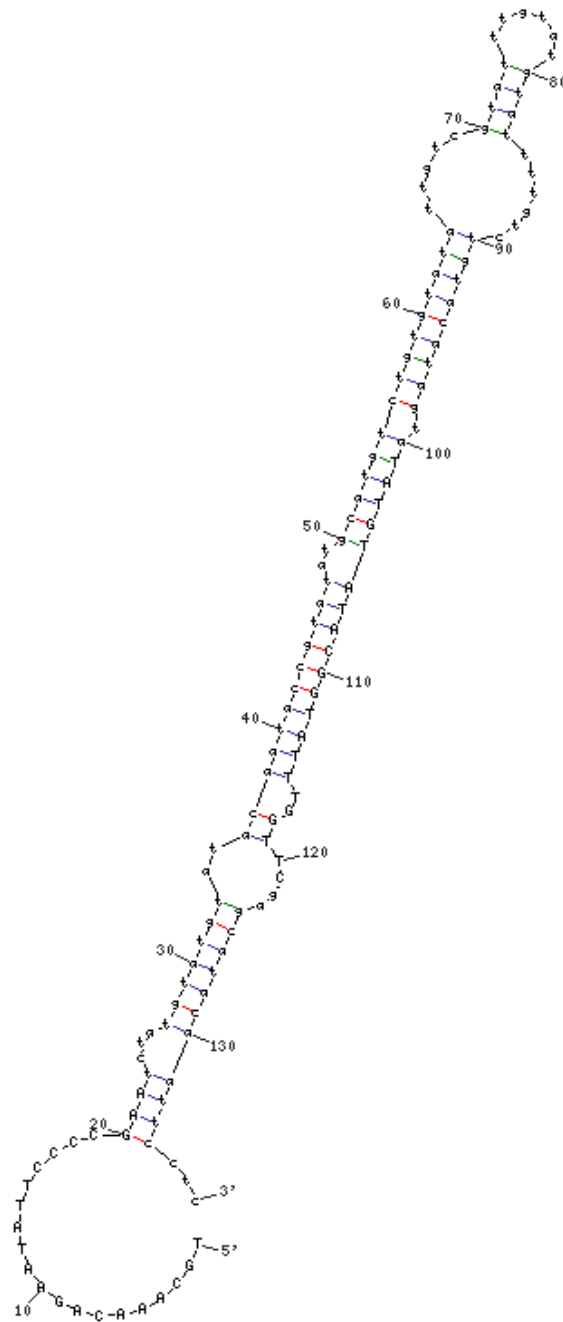
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -39.4 \pm 0.331$$

csn-smR62-3p
 ACUUUGUAAAAUCUUAUCAUCCGC

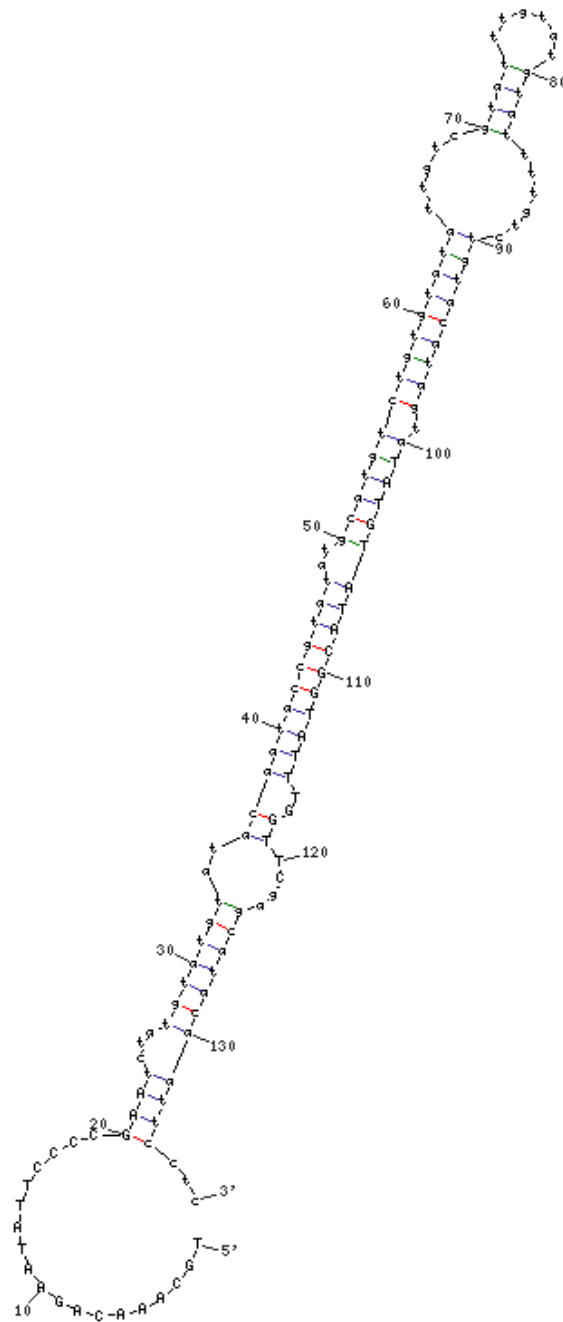
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -341332$

csn-smR63-5p
UGCAAACAGAAUAUCCCCGAA

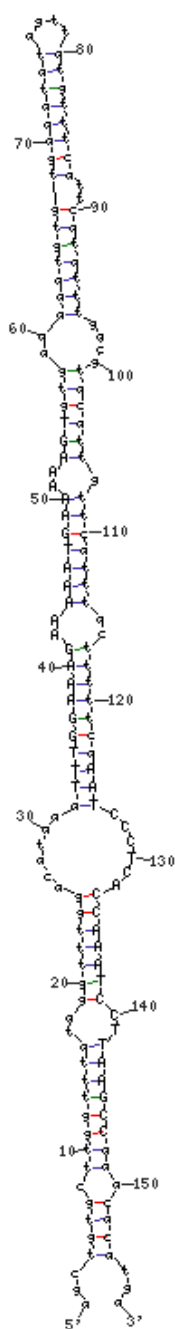
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -34.333$

csn-smR63-3p
 UAUGUAUACGGUAUUUGGUUC

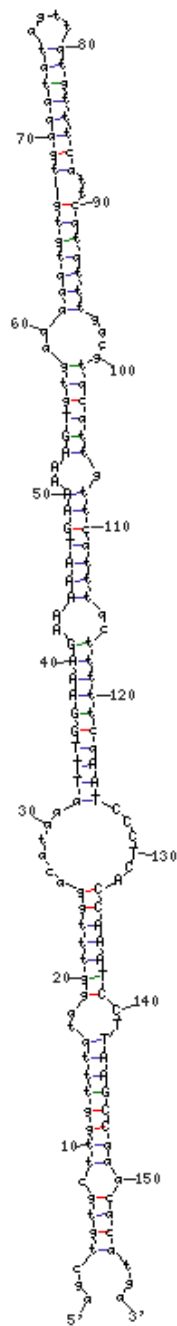
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -49.71334$

csn-smR64-5p
 UUUGGAAAGAUAAAUGAAAAAGU

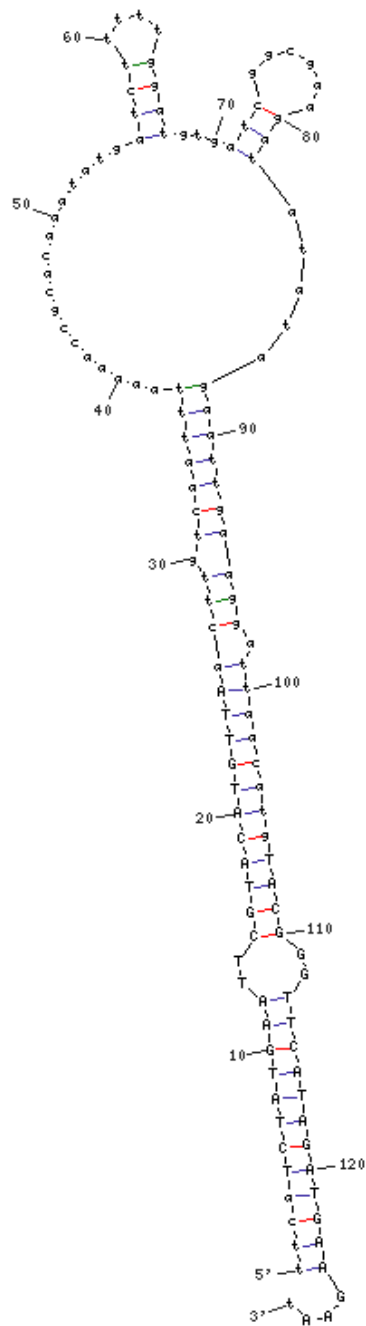
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -49.74335$

csn-smR64-3p
AAUCCCUCACCAAUCCUUAAGCC

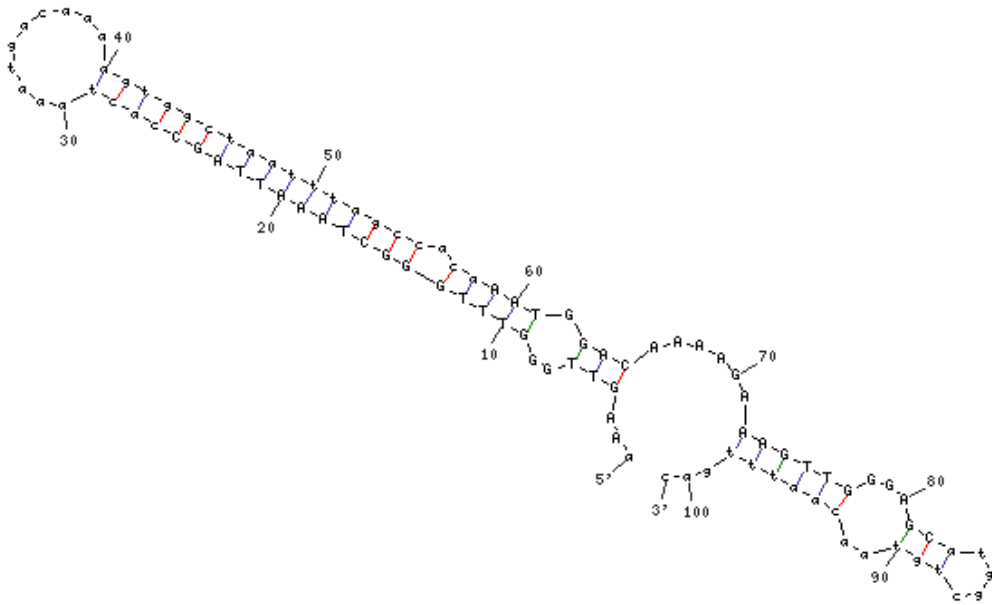
Output of `smr_graph ( )`
 by D. Stewart and M. Zuker



$dG = -46.14337$

csn-smR65
 UACGGGUUCAUAGAUGAAGAA

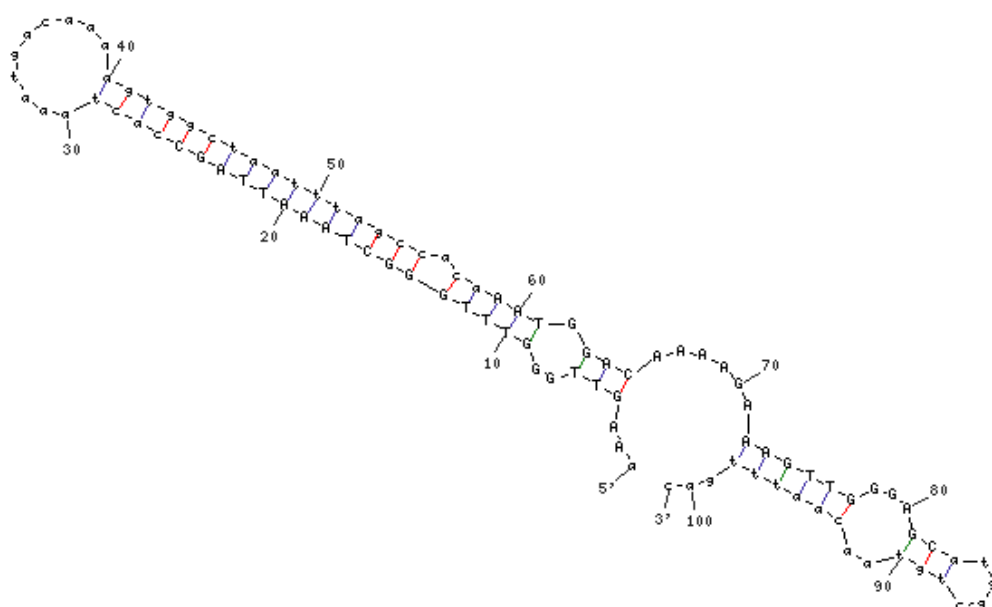
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -34.64338$$

csn-smR66-5p
 AAGUUGGGUUUGGGCUAAAUUAGC

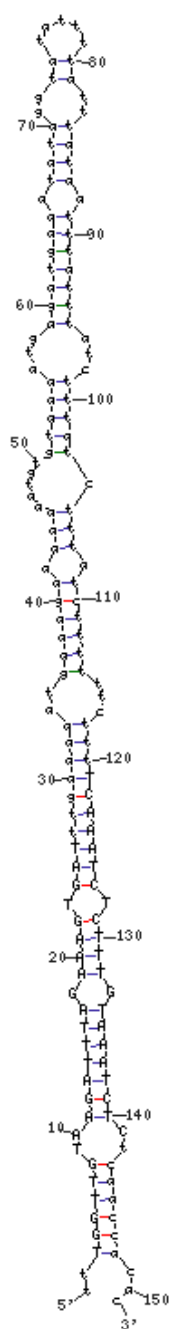
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -34.64339$$

csn-smR66-3p
 AACGGACAAAAGAAAGUUGGGAGC

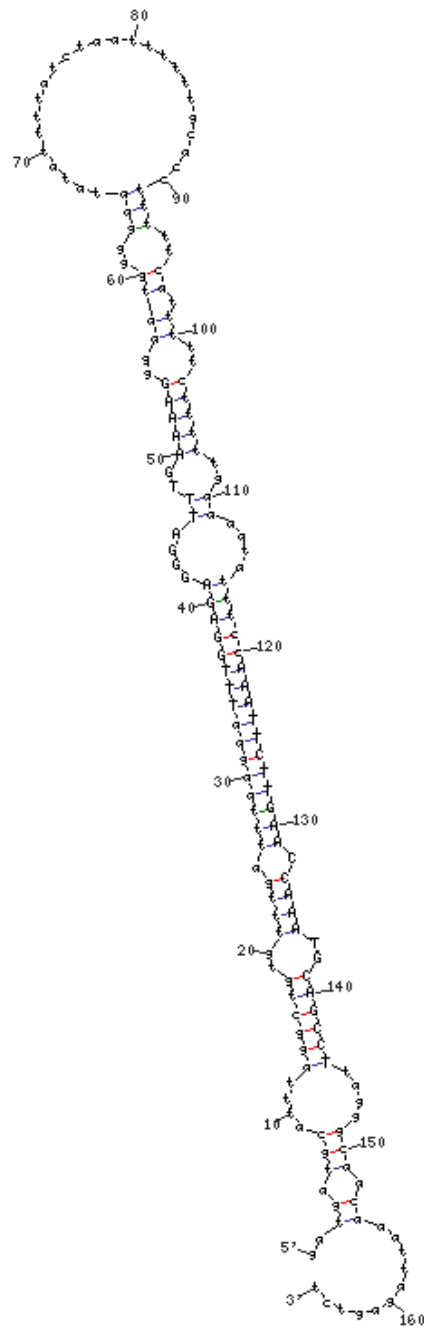
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -43.54341$

csn-smR67
 UCAAAUCUCUUUGUAAAUCUC

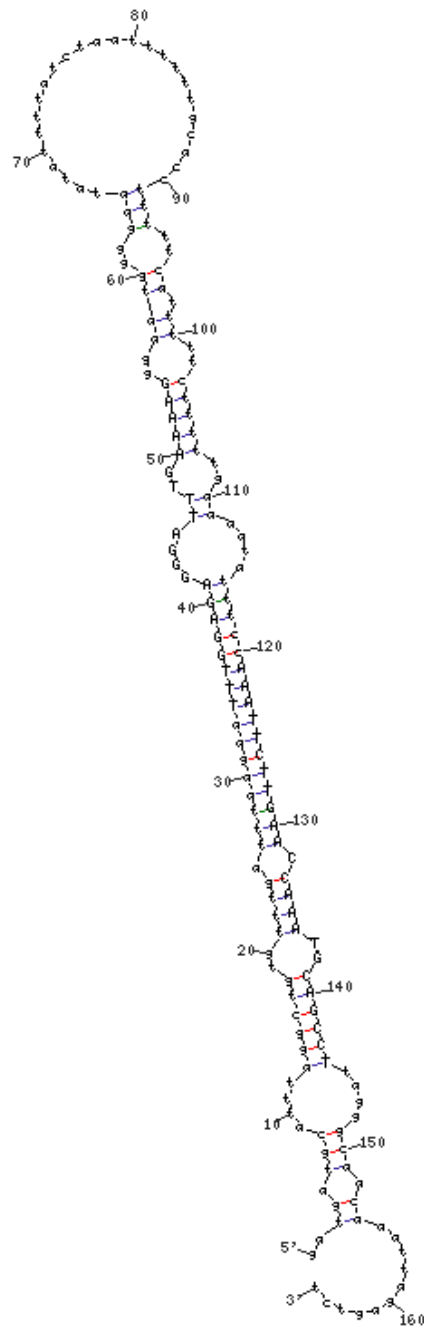
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -55.342$

csn-smR68-5p
UUUGGAGAGGGAUUUGGAAAG

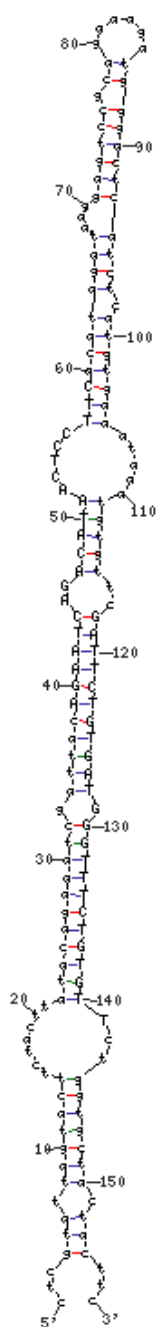
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$\Delta G = -55.343$

csn-smR68-3p
AAAUUCUUGAACCAAUGCAGCCU

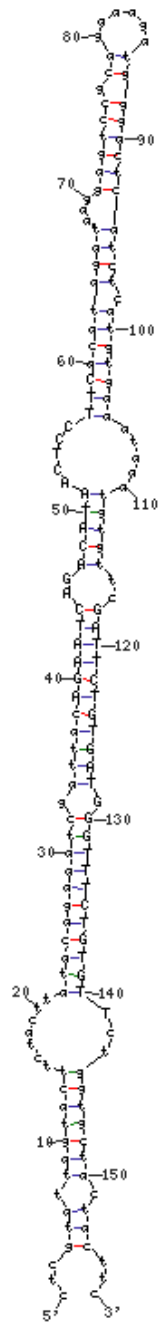
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -66.5 \pm 3.44$

csn-smR69-5p
 AGAAUCAGACAUAACUCCUUU

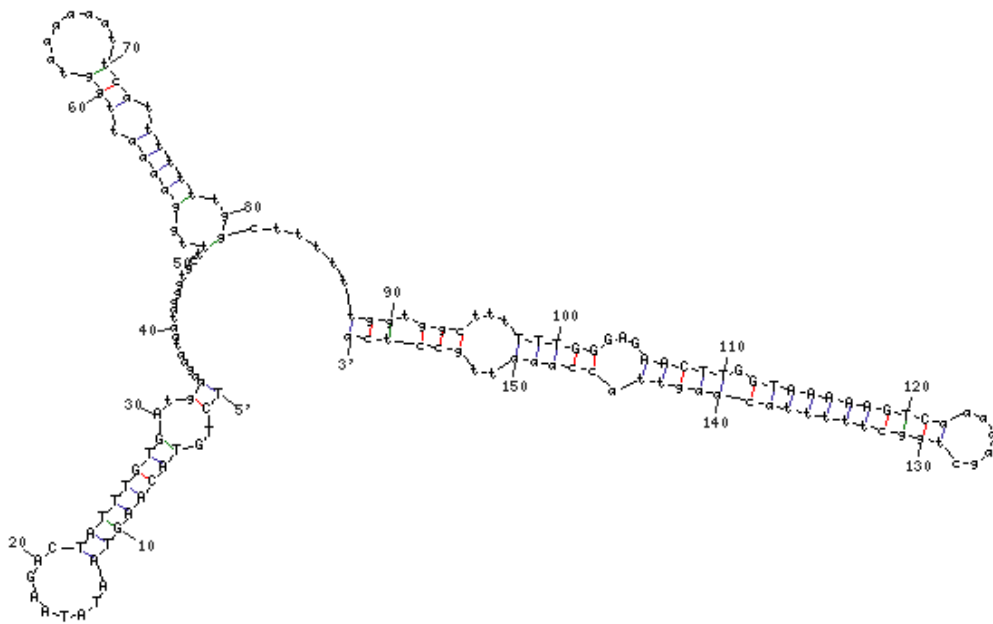
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -66.54345$

csn-smR69-3p
 GAUUCUGUGAUCGGUUUCUGUGUU

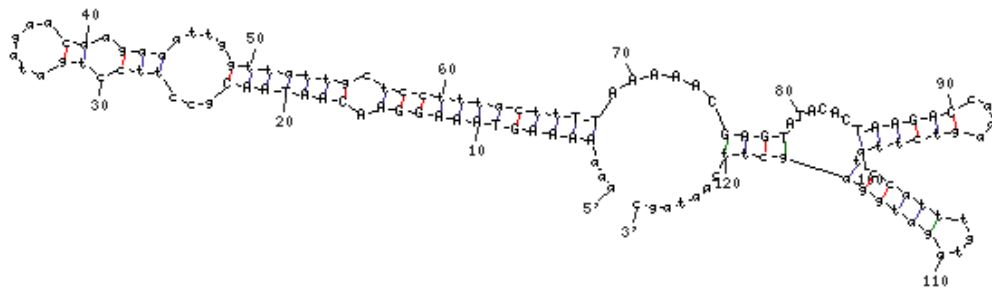
Output of `sm_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -34.8 \pm 0.347$$

csn-smR70-5p
 UUUGGGAGAACUUGGUA AAAAGCC

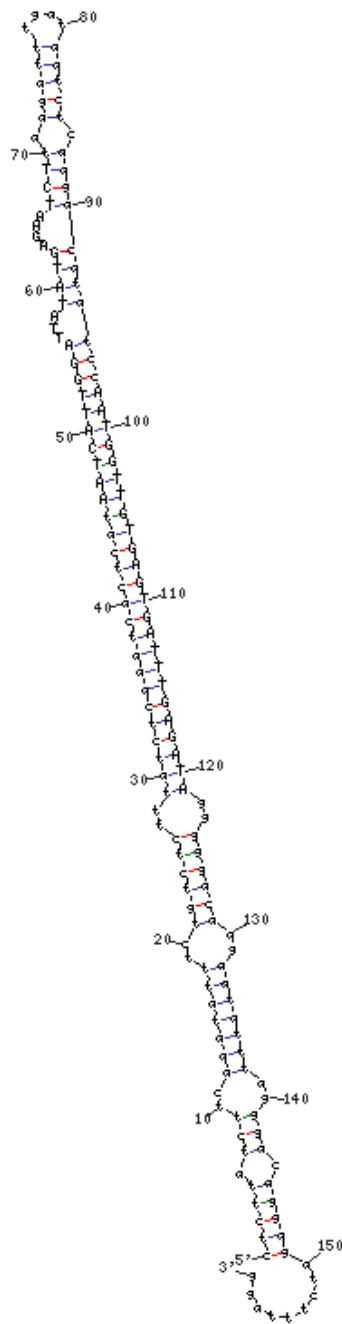
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -32.64348$$

csn-smR70-3p
 AAAAGUAAAGGAGCAAUAAC

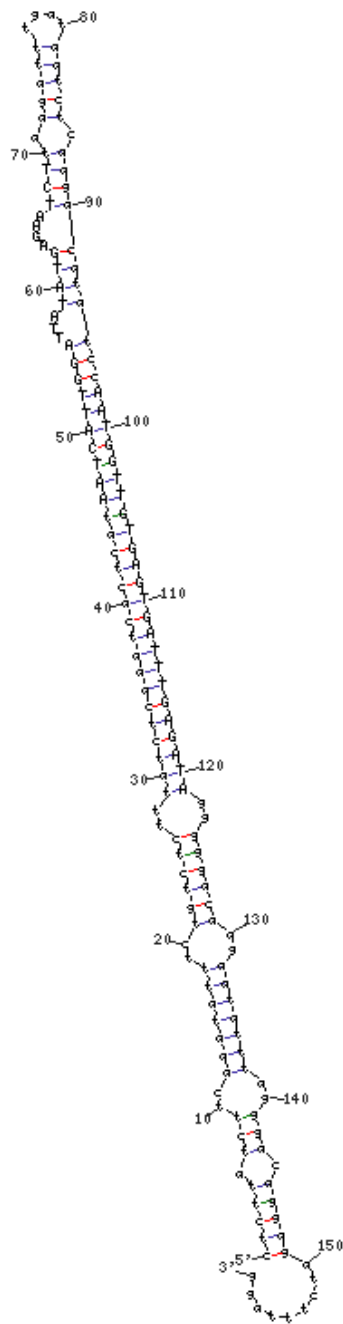
Output of `smr_graph ( )`
by D. Stewart and M. Zuker



$\Delta G = -77.24350$

csn-smR71-5p
AAUCAUUGGAUUAUAUGAGAAUCU

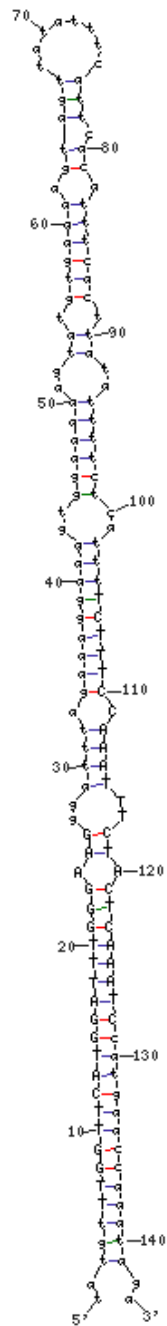
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -77.24351$

csn-smR71-3p
AAUGGUUGUGAGUGAUUUGAGACA

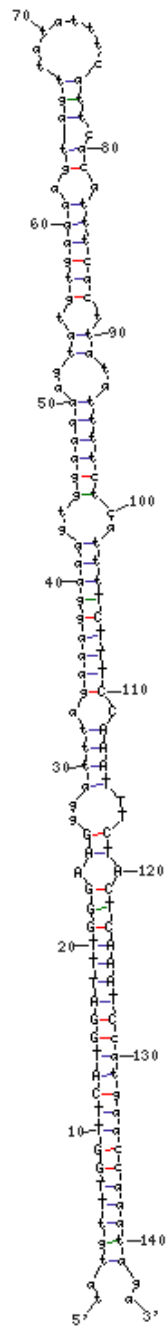
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -59.74352$

csn-smR72-5p
 UUGGUUCAUGAAUUUGGGAAG

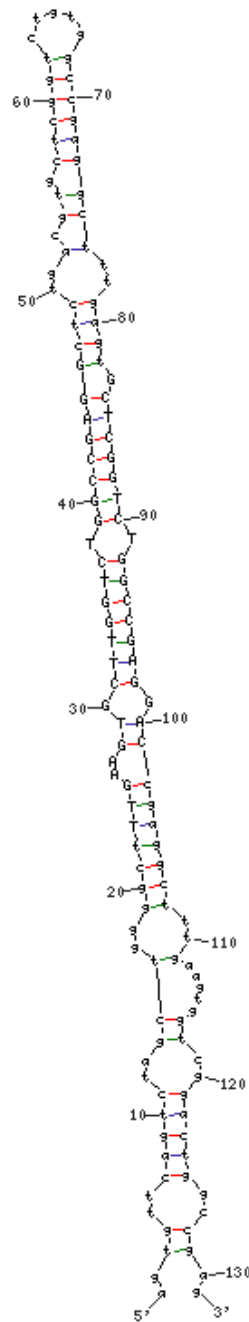
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -59.71353$$

csn-smR72-3p
 UCUUCCAAAUUCUCCUCAAUC

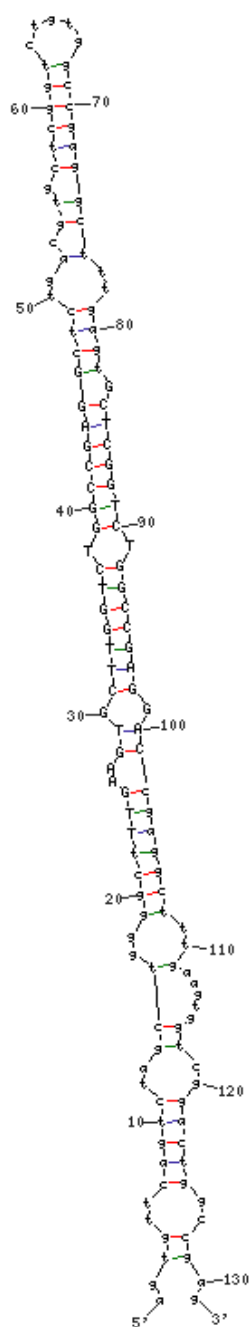
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -61.74354$

csn-smR73-5p
UUGAAGUGCUUGGUCUGGCCGAGG

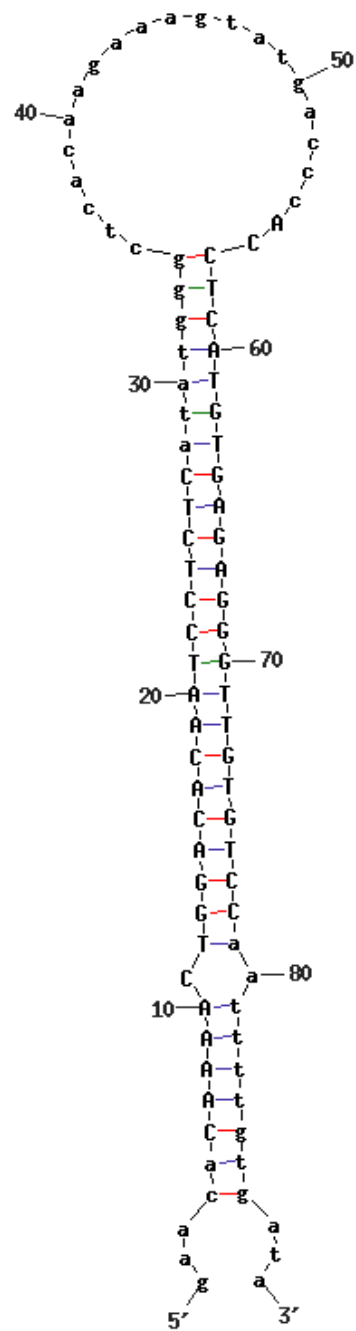
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -61.74355$

csn-smR73-3p
 GCUCGGUCUGGUCGAGGAC

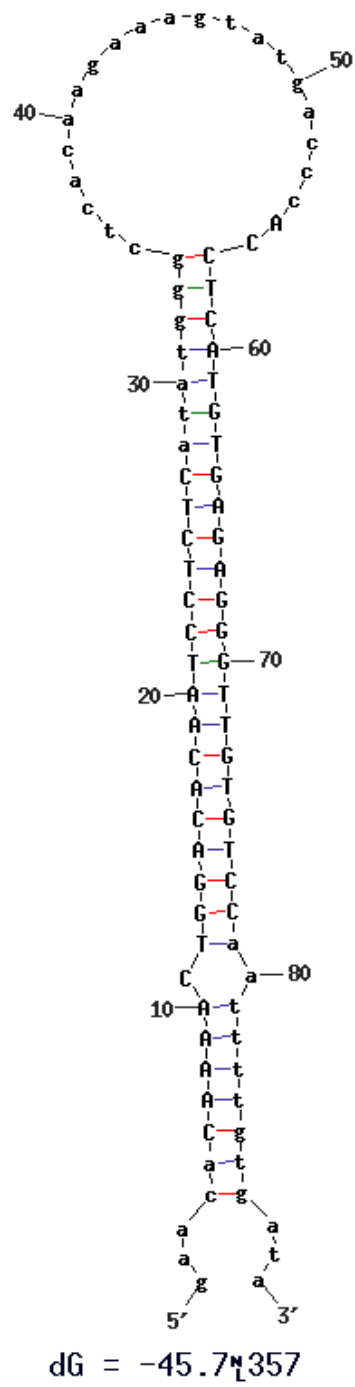
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



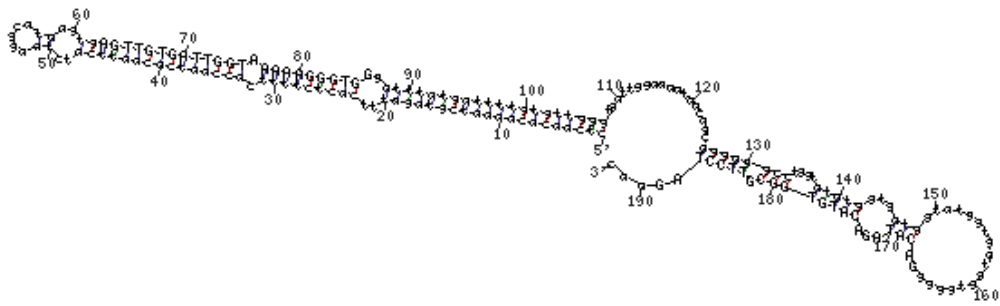
$dG = -45.7 \pm 1.356$

csn-smR74-5p
 CAAACUGGACACAACCCUCUC

Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



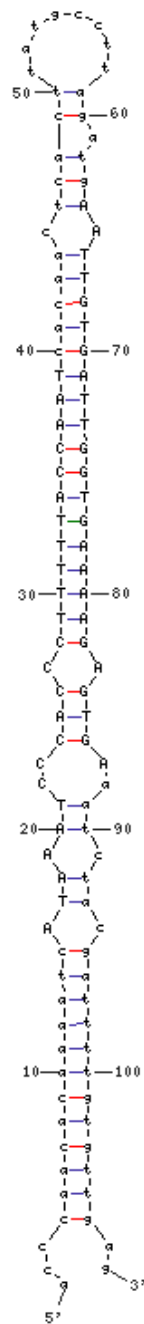
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$$\Delta G = -78.34360$$

csn-smR75
AGUUGUGAUUGGUAAAAAGGGUGG

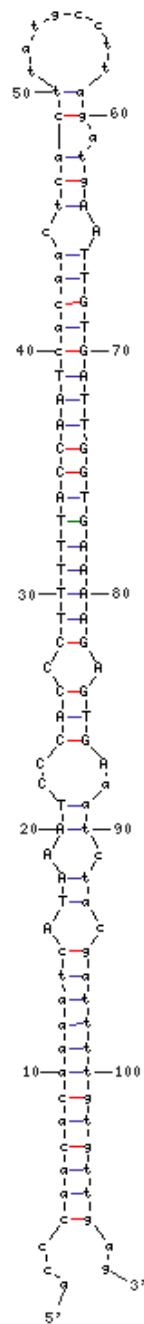
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -46.41362$

csn-smR76-5p
 AUAAAUCCCACCCUUUUUACCAAU

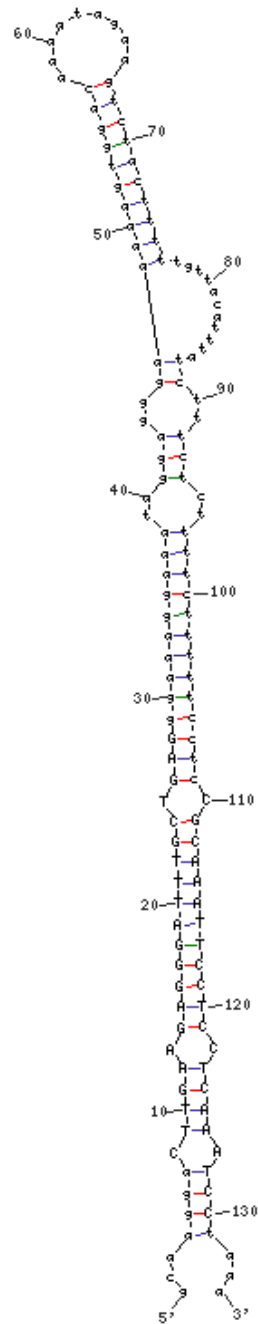
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$$\Delta G = -46.41363$$

csn-smR76-3p
 AAUUGUGAUUGGUGAAAAGAGUGA

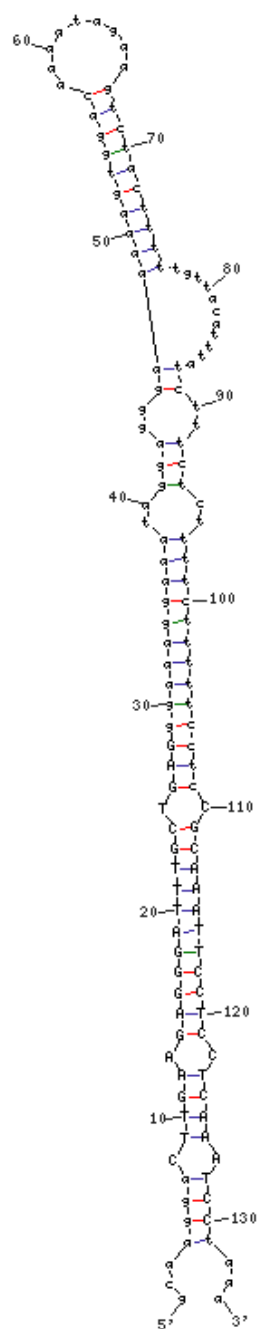
Output of `smr_graph ( )`
 by D. Stewart and M. Zuker



$dG = -60.47364$

csn-smR77-5p
 CUUGAUGAGGGGAUUUGCUGAG

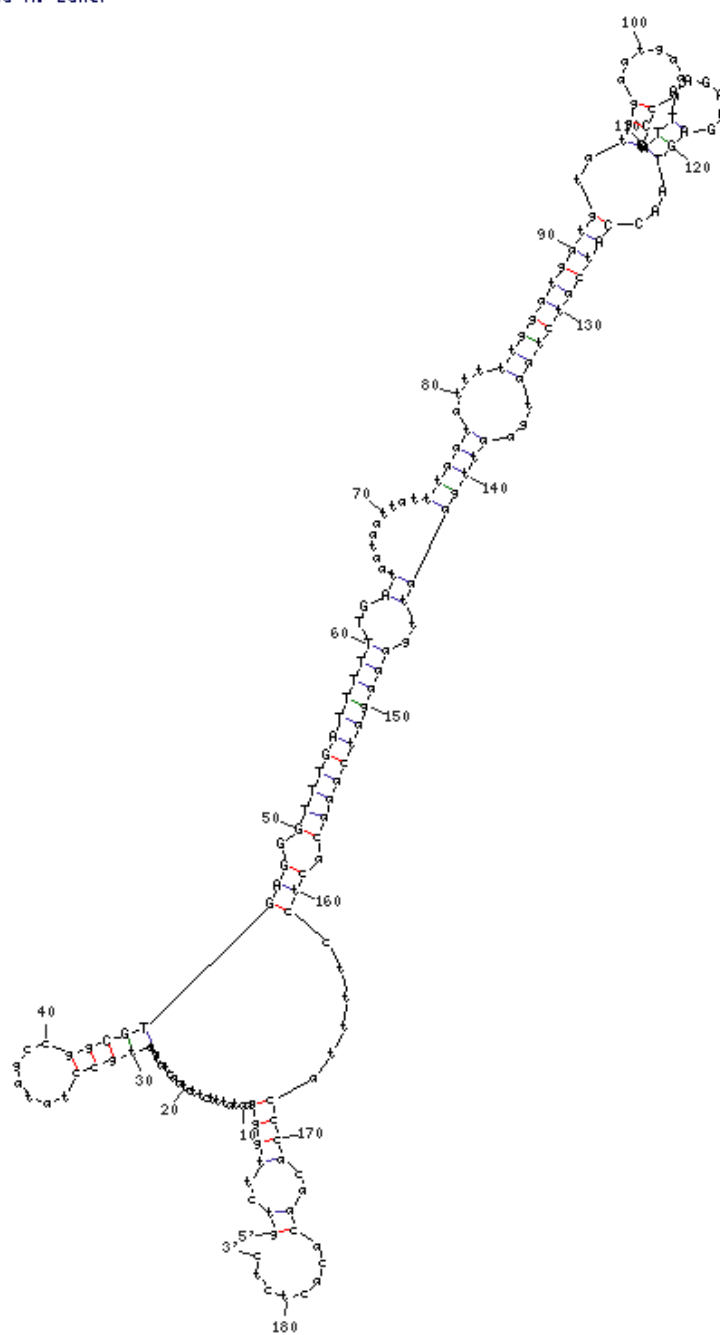
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -60.47365$

csn-smR77-3p
 CGCAAUCCUCCUCAAUCC

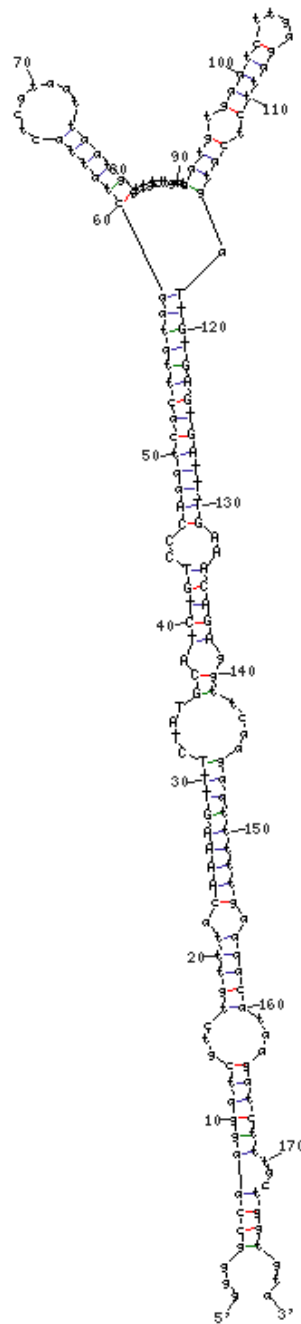
Output of `sir_graph ( )`
by D. Stewart and M. Zuker



$$dG = -39.3 \pm 366$$

csn-smR78
CGUGAGGGUUUGAUUUUUUGA

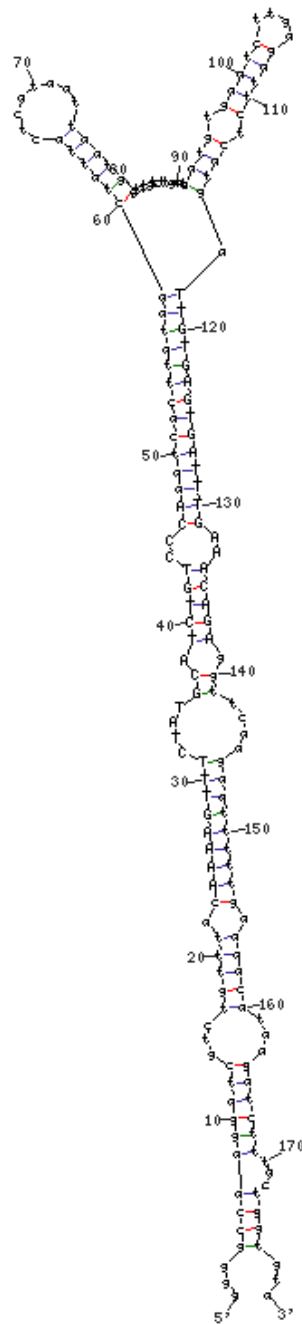
Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$dG = -54.94368$

csn-smR79-5p
AAAAGUUUCUAUGCAUCUGUCCCA

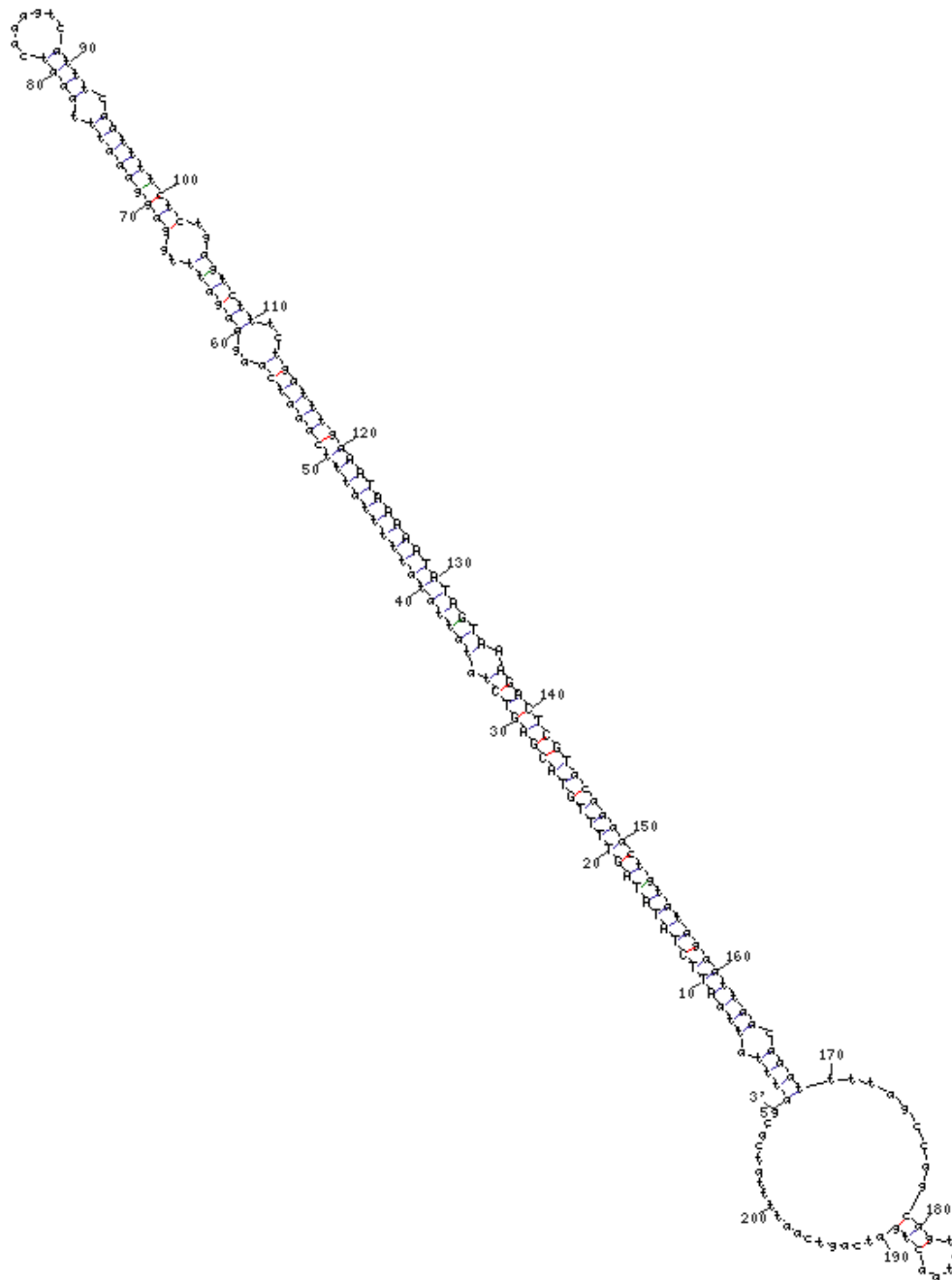
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -54.94369$

csn-smR79-3p
 UUGUGAGUGAUUUGGAACAGA

Output of `sir_graph ( )`
by D. Stewart and M. Zuker

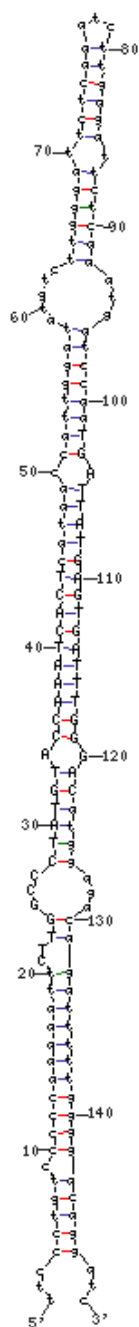


$dG = -90.41371$

csn-smR80

AAUAAAAUAUAGUAAAGACUCGU

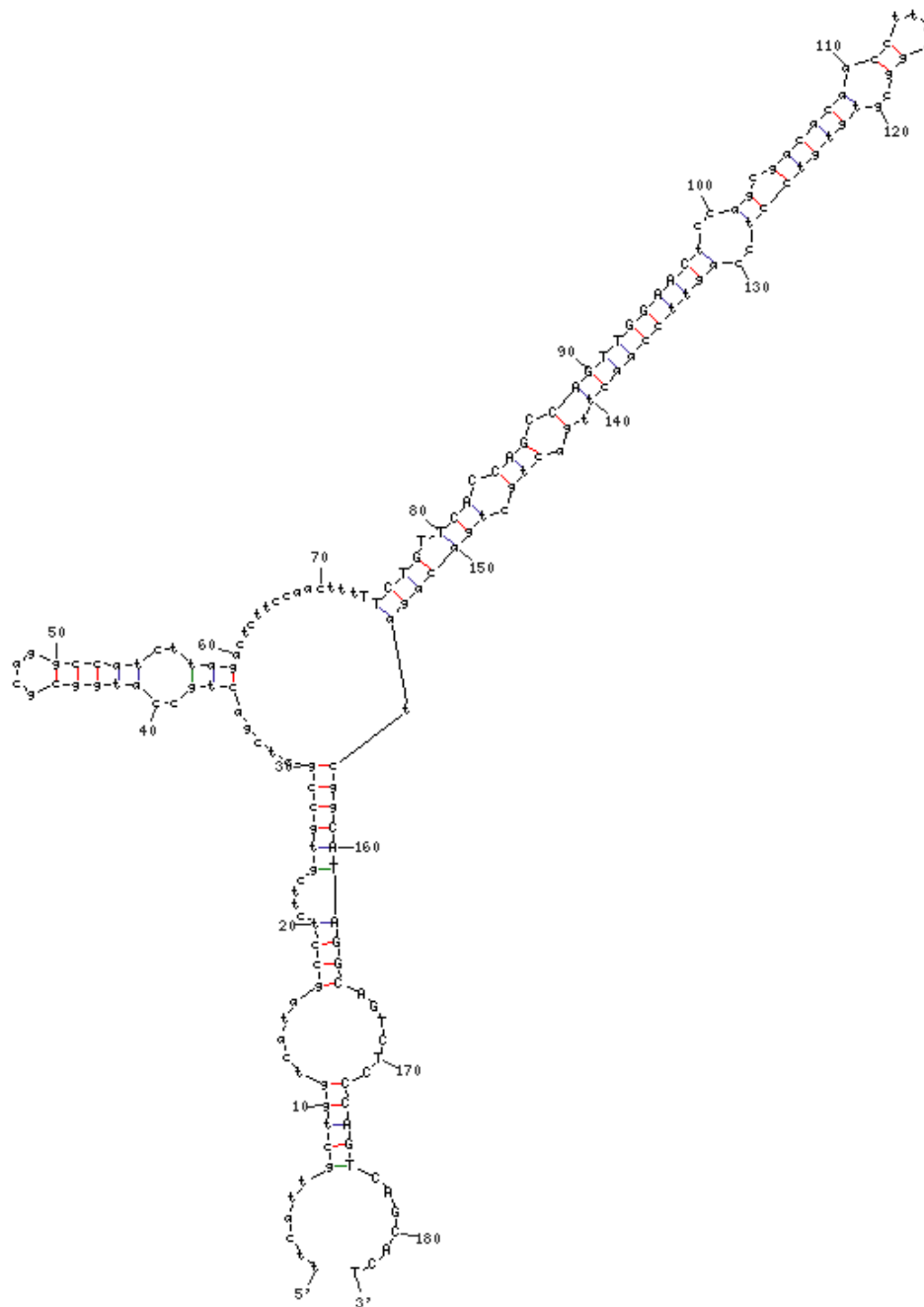
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$dG = -77.34373$

csn-smR81
 UGAUUAUGAGUGAUUUGGGAC

Output of `mir_graph ( )`
 by D. Stewart and M. Zuker

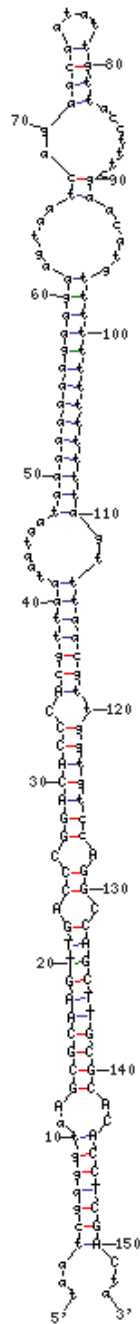


$dG = -62.64374$

csn-smR82

UUCUGUUCACCAGCCAGUUGGAAC

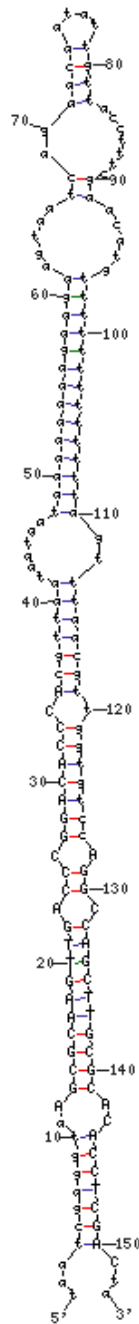
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -62.64380$

csn-smR84-5p
 AGCGCAAGUUGACCCGGACACCCC

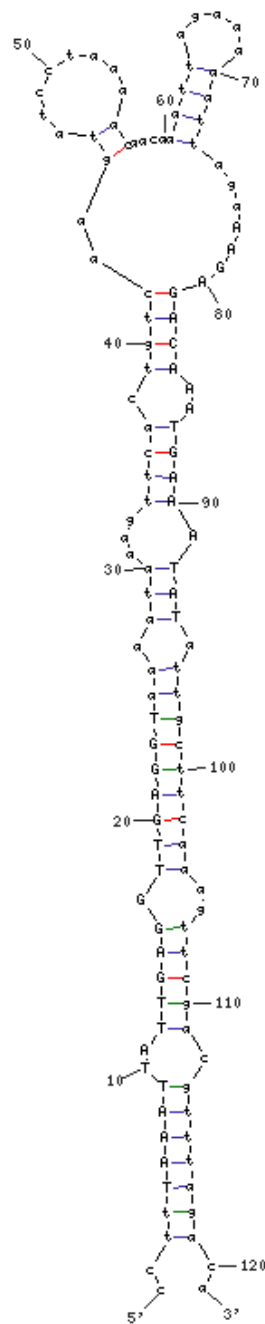
Output of `mir_graph ( )`
 by D. Stewart and M. Zuker



$\Delta G = -62.64381$

csn-smR84-3p
 AGGCCAGCUUGCGCACAUUCUCGAC

Output of `mir_graph ( )`
by D. Stewart and M. Zuker



$$\Delta G = -17.6 \pm 0.382$$

csn-smR85-5p
UAAAAUAUUGAGGUUGAGGU

Figure S1. Mature and precursor sequences and the predicted stem-loop structures of newly identified miRNAs from *Camellia sinensis*.