

Supplemental Data Set S6

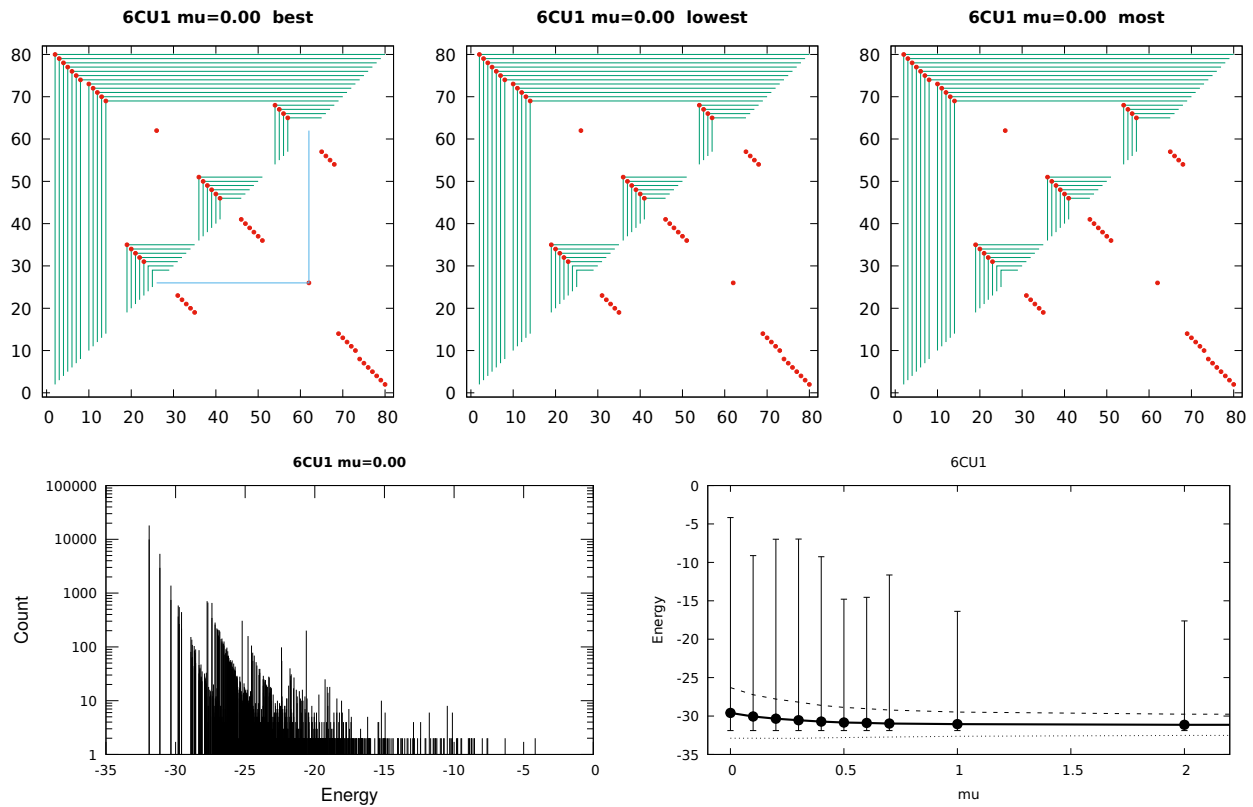
Fold prediction data for the last one-third of the target sequences in the Rfam test set in Table 6. All numerical values and three structures of relevance are included along with energy spectrum and ensemble energy profile as a function of the chemical potential.

6CU1

XGGUGGCUCA CAUUUGUUGC GGGUUCGAGA CCCGUCAGAG CGAAAGCUCU GUAGCUCAAU
GGUAGAGCGG UGUAGUCACC

mu: 0 mean energy: -29.5913 variance: 10.8645

lowest: -31.893086 most probable(30.172%): -31.893086 best match: -27.678443

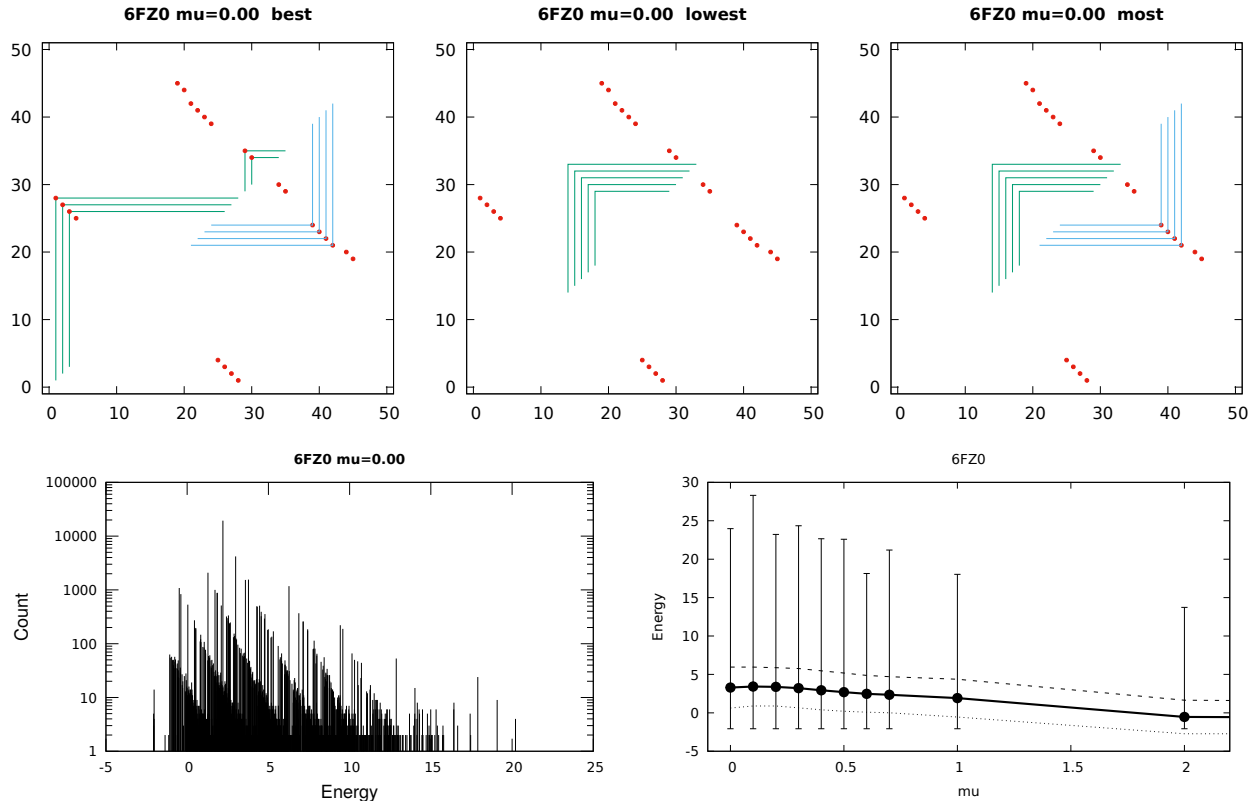


6FZ0

AGGXGCAUUU GAACUGUAUU GUACGCCUUG CAGCAAAAGU ACUAAAAAX

mu: 0 mean energy: 3.29137 variance: 7.07122

lowest: -2.069335 most probable(32.380%): 2.199808 best match: 9.490285

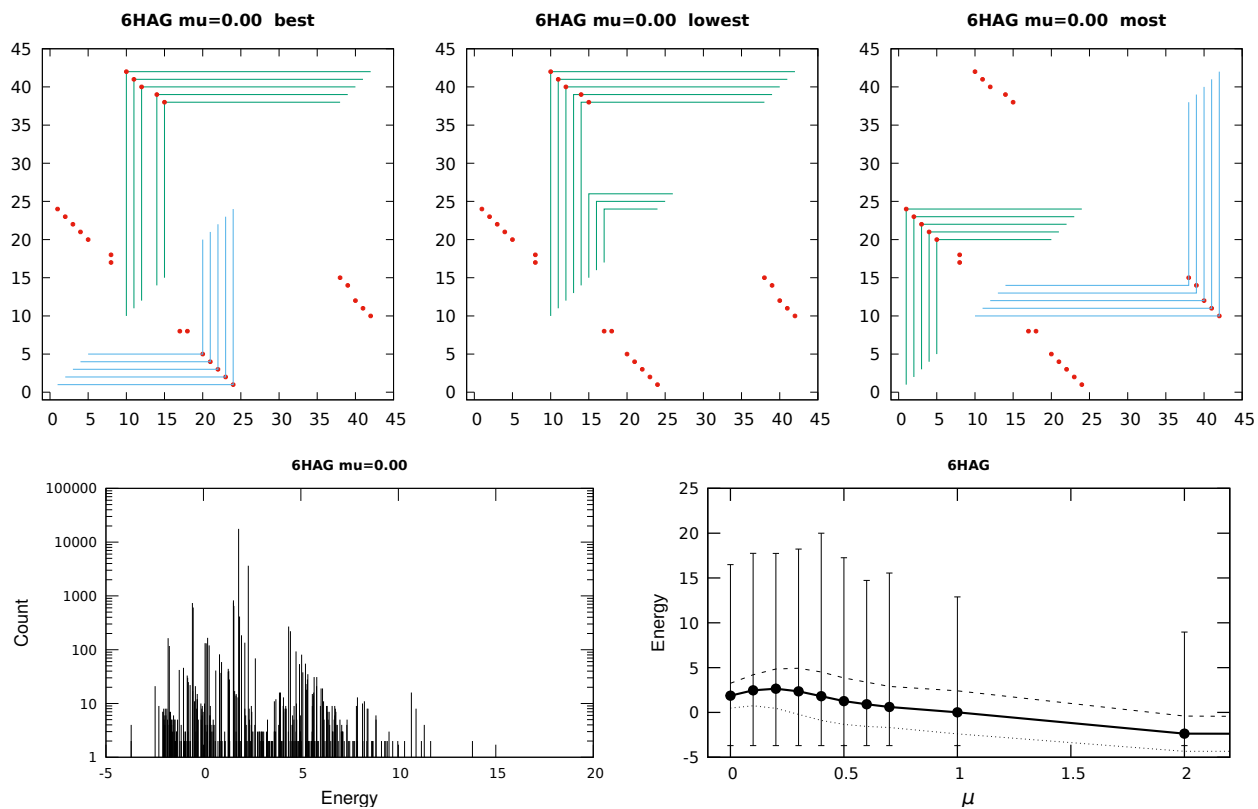


6HAG

GUCACAACGG CUUCCUGACG UGGCAGAUUG AAUUAUUGGA GCA

mu: 0 mean energy: 1.86932 variance: 1.90343

lowest: -3.704334 most probable(58.873%): 1.803491 best match: 5.588777

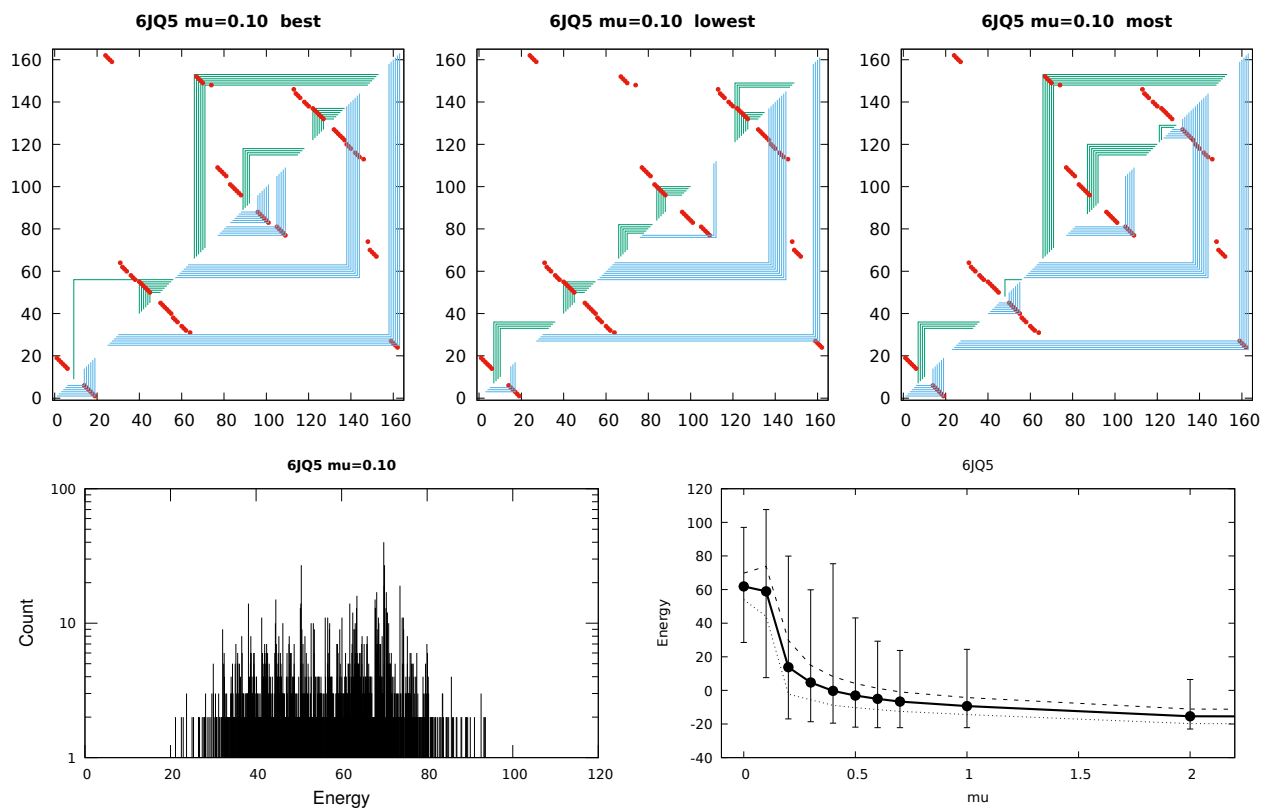


6JQ5

UUACUGUGAG AAUCAGUAAC AAACAUGUGG GGCUUAUAUC UAAUCGAAAG AUUAGUAUUA
 GUGCAGACGU UAAAACCAUG UCUUACUGUG AGAAUCAGUA ACAAACAUGU GGGGCUUAUA
 UCUAAUCGAA AGAUUAGUAU UAGUGCAGAC GUUAAAACCA UGU

mu: 0.1 mean energy: 58.9288 variance: 221.024

lowest: 7.606432 most probable(0.067%): 69.841713 best match: 48.208836

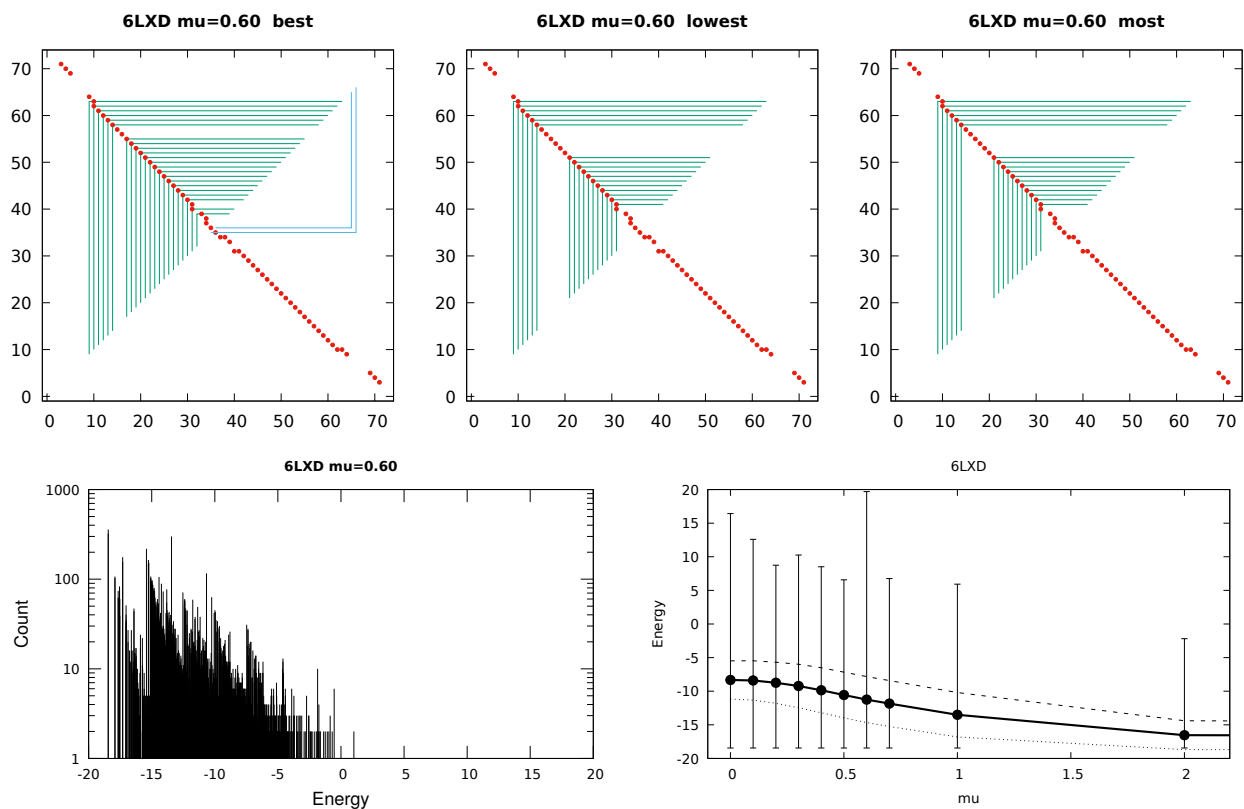


6LXD

AUAGCAAUGU CAGCAGUGCC UUAGCAGCAC GUAAAUUAAC UGUGCUGCUG AAGUAAGGUU
GACCAUACUC UA

mu: 0.6 mean energy: -11.2474 variance: 11.7003

lowest: -18.443586 most probable(0.895%): -18.443586 best match: -13.444255

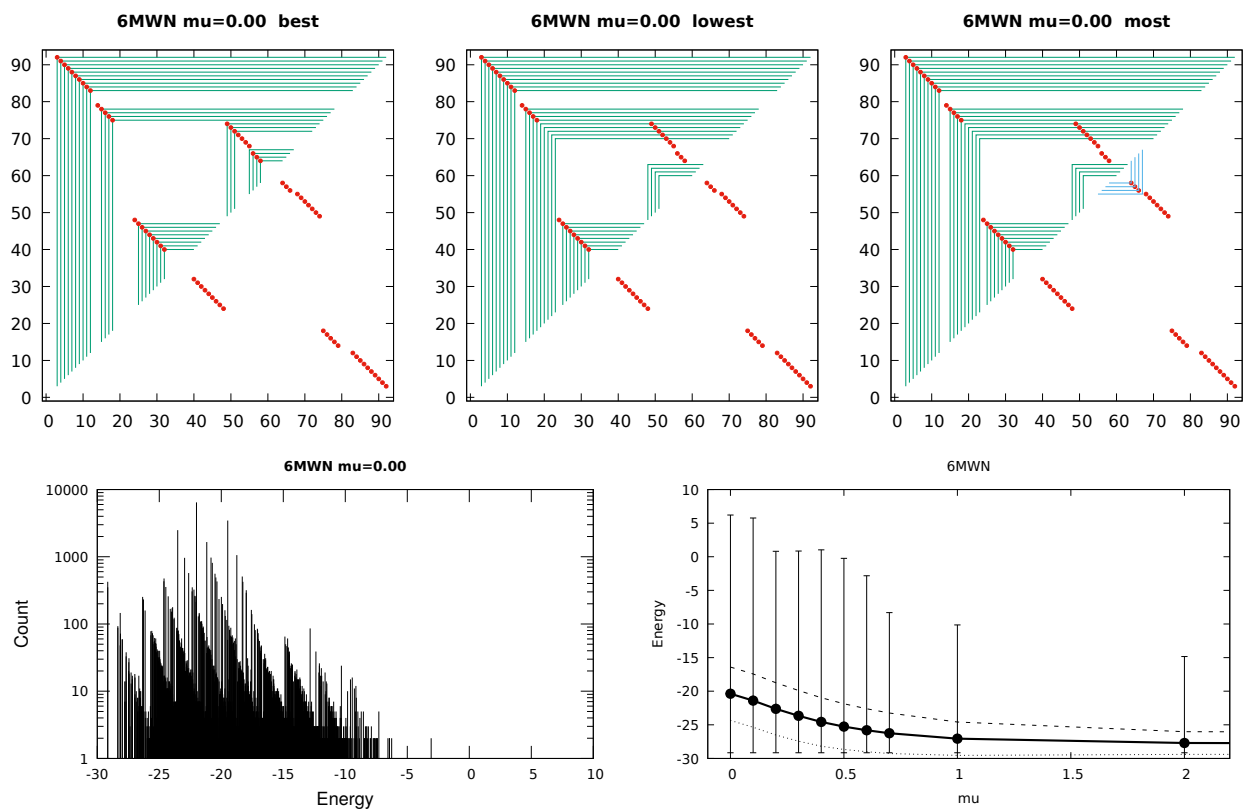


6MWN

XGCAAACAUC AUUUGGCCUU AAAUGGGAUU CUGUGAGAGG GGAUCCCUCC AUUGACAGCU
GGACUGUUCU UUGGGGCCUU AUGUGGUGUU UG

mu: 0 mean energy: -20.3718 variance: 15.7731

lowest: -29.159668 most probable(10.740%): -21.999668 best match: -23.510669

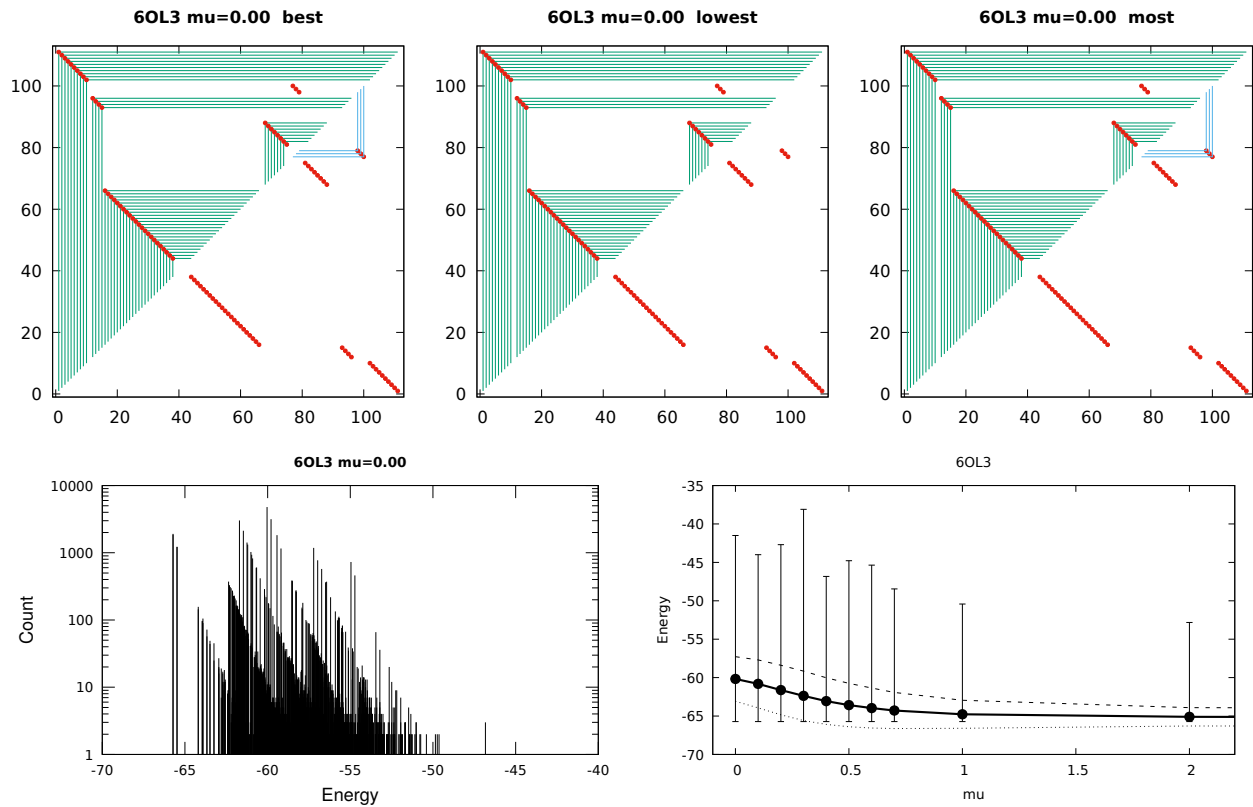


6OL3

GGACCUCGCA AGGGUAUCAU GCGGACGAC CGGGUUCGAA CCCCUGAUCC GGCCGUCCGC
CGUGAUCCAU GCGGUUACCG CCCGCGUGUC GAACCCAGGU GUGCGAGGUC C

mu: 0 mean energy: -60.1748 variance: 8.42582

lowest: -65.720835 most probable(7.990%): -60.033335 best match: -60.033335

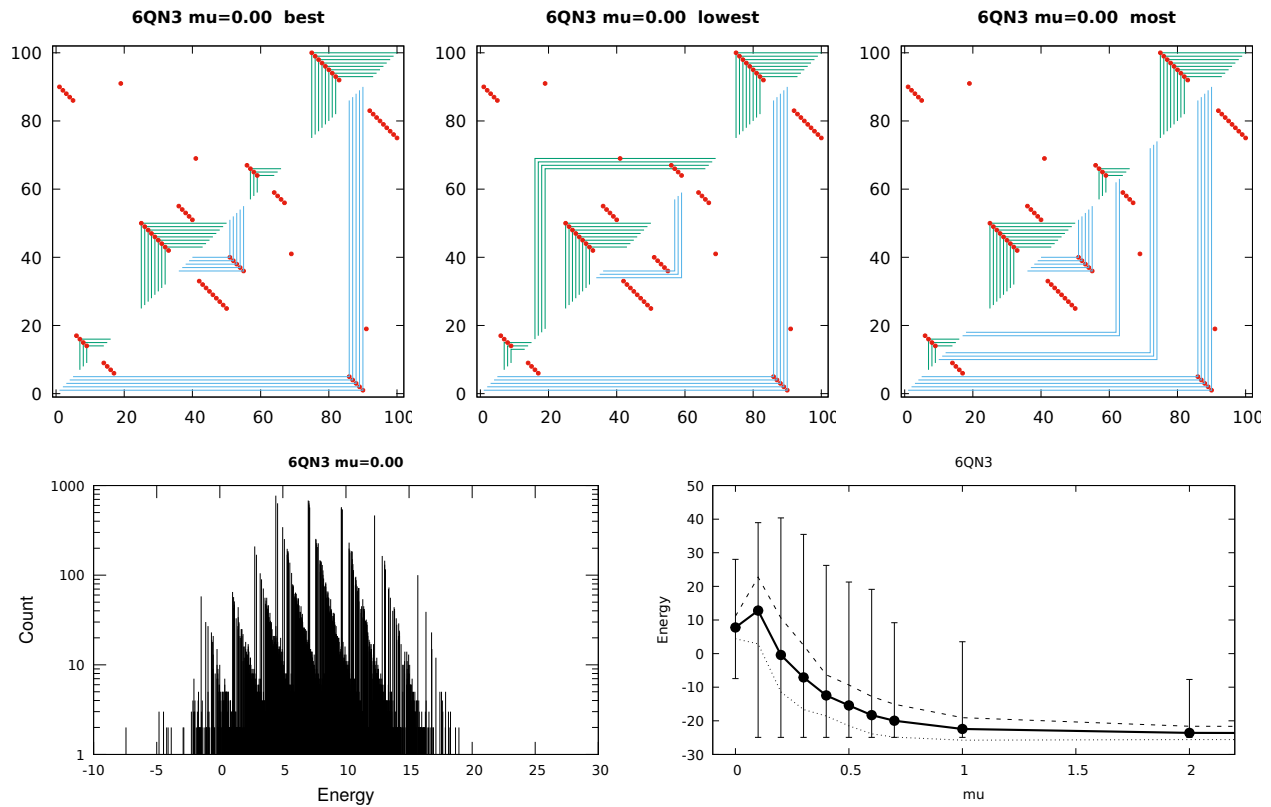


6QN3

CGUUCACCCU UCGGGGCGCA UGAAAUGGGA GUAGGGAACG GGAUUCUCAU CGUUCACCCU
 UCGGGGCGCA UGAAAUGGGA GUAGGGAACG GGAUUCUCAU

mu: 0 mean energy: 7.77613 variance: 11.2605

lowest: -7.436277 most probable(1.287%): 4.440498 best match: -4.097669

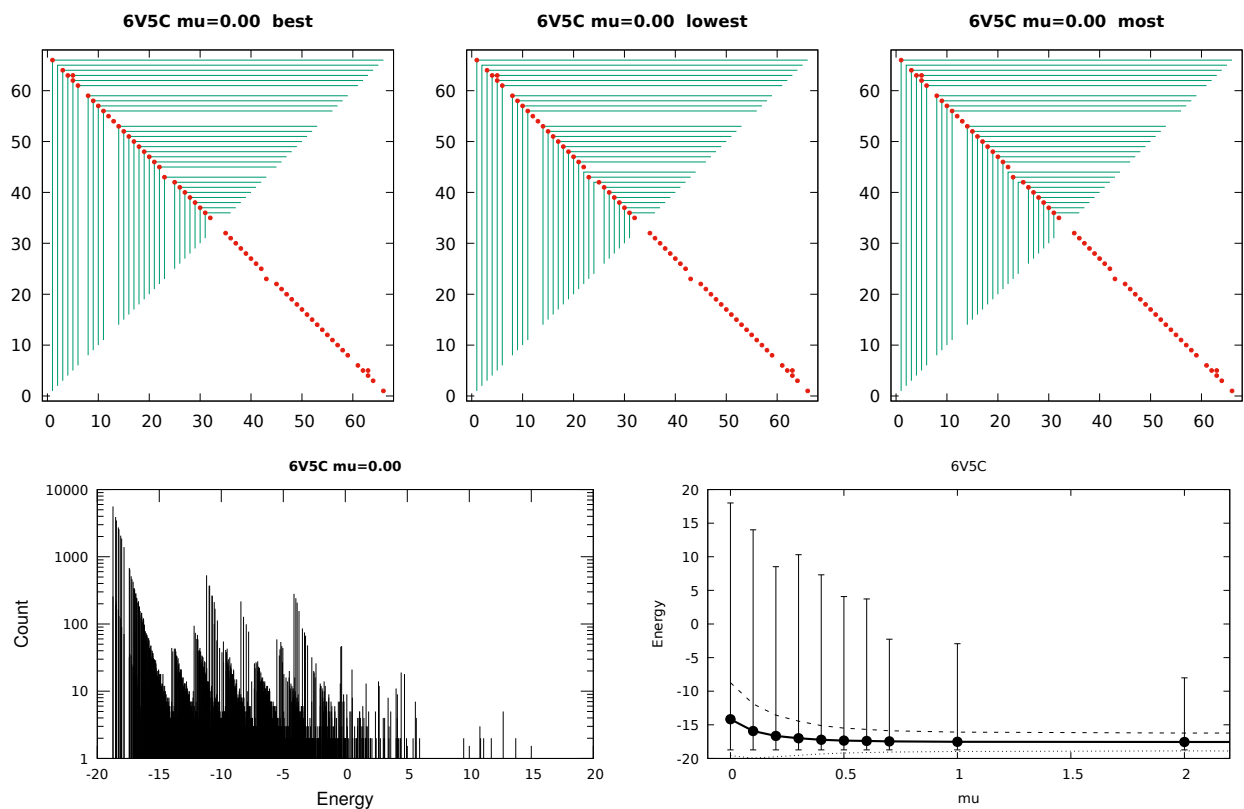


6V5C

CUUGUCCAC UCUAGCAGCA CGUAAAUUU GGCACCAUA UUACUGUGCU GCUUUAGUGU
GACAGG

mu: 0 mean energy: -14.1579 variance: 29.4087

lowest: -18.729921 most probable(9.352%): -18.729921 best match: -16.121171

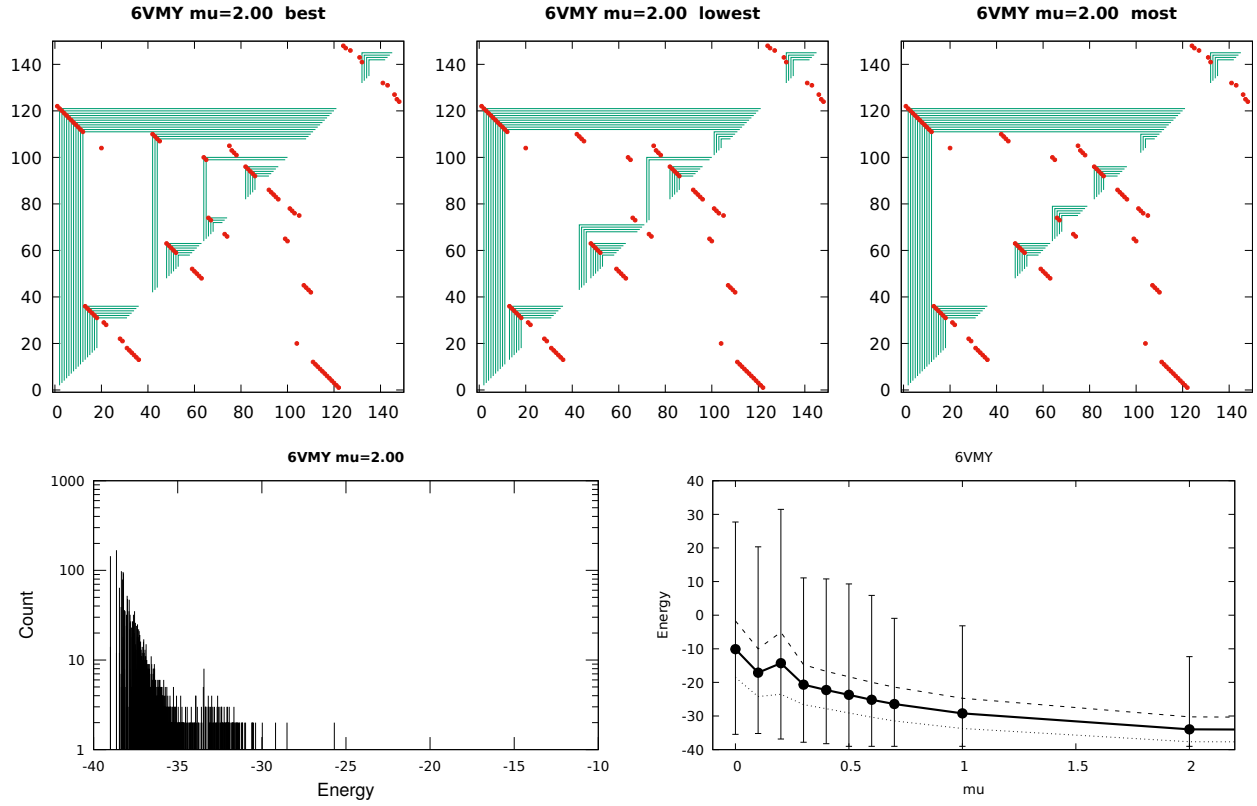


6VMY

XGUCAAAUAG GUGCCGGUCC GUGAACAACA GCCGGCUUAA AAGGGAAACC GGUAAAAGCC
 GGUGCGGUCC CGCCACUGUA AUUGGCCAAG CGCCAAGAGC CAGGAUACCU GCCUGUUUGA
 UCAGCACGAA UUCUGCGAGG ACAGAUGA

mu: 2 mean energy: -33.9574 variance: 13.6836

lowest: -39.002254 most probable(1.680%): -38.644153 best match: -35.733087

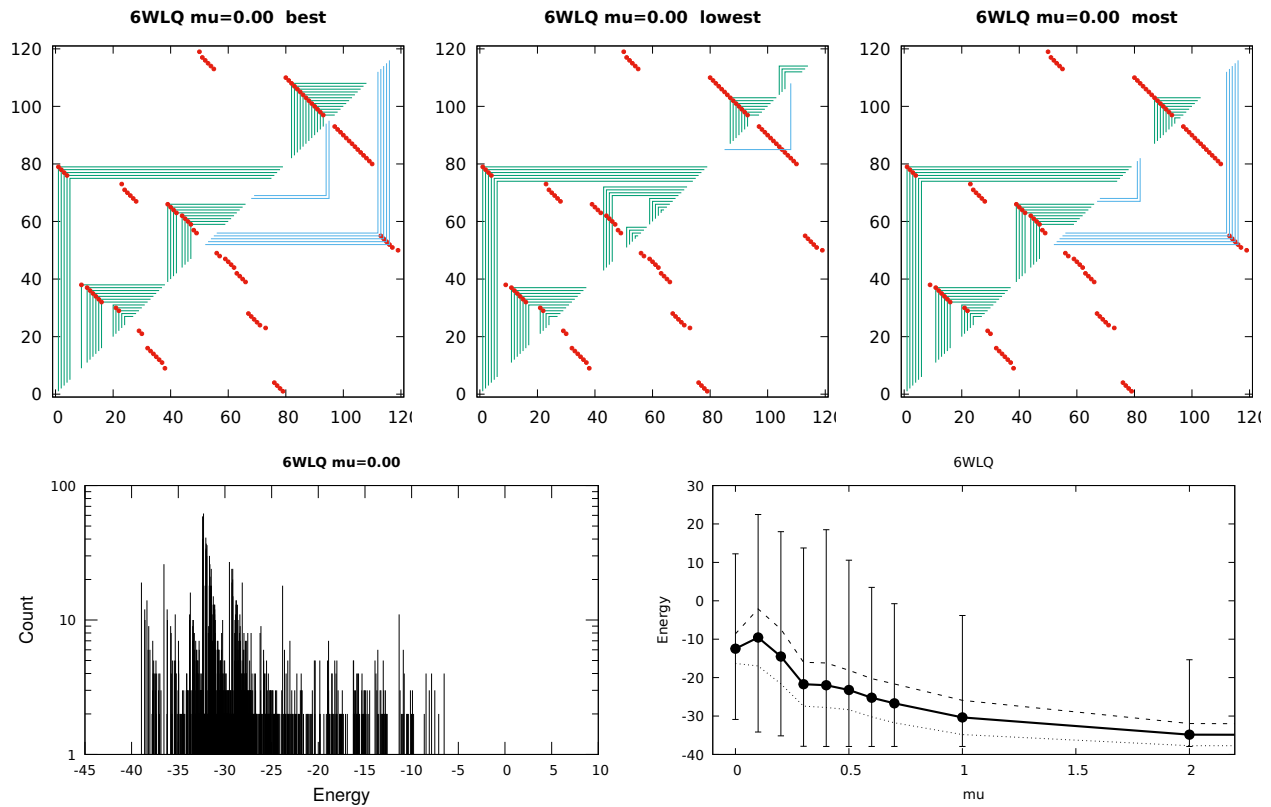


6WLQ

GGUCAUGAGU GCCAGCGUCA AGCCCCGGCU UGCUGGCCGG CAACCCUCCA ACCGCGGUGG
GGUGCCCCGG GUGAUGACCA GGUUGAGUAG CCGUGACGGC UACGCGGCAA GCGCGGGUC

mu: 0 mean energy: -26.3704 variance: 43.0049

lowest: -42.109672 most probable(0.620%): -32.294991 best match: -23.619946

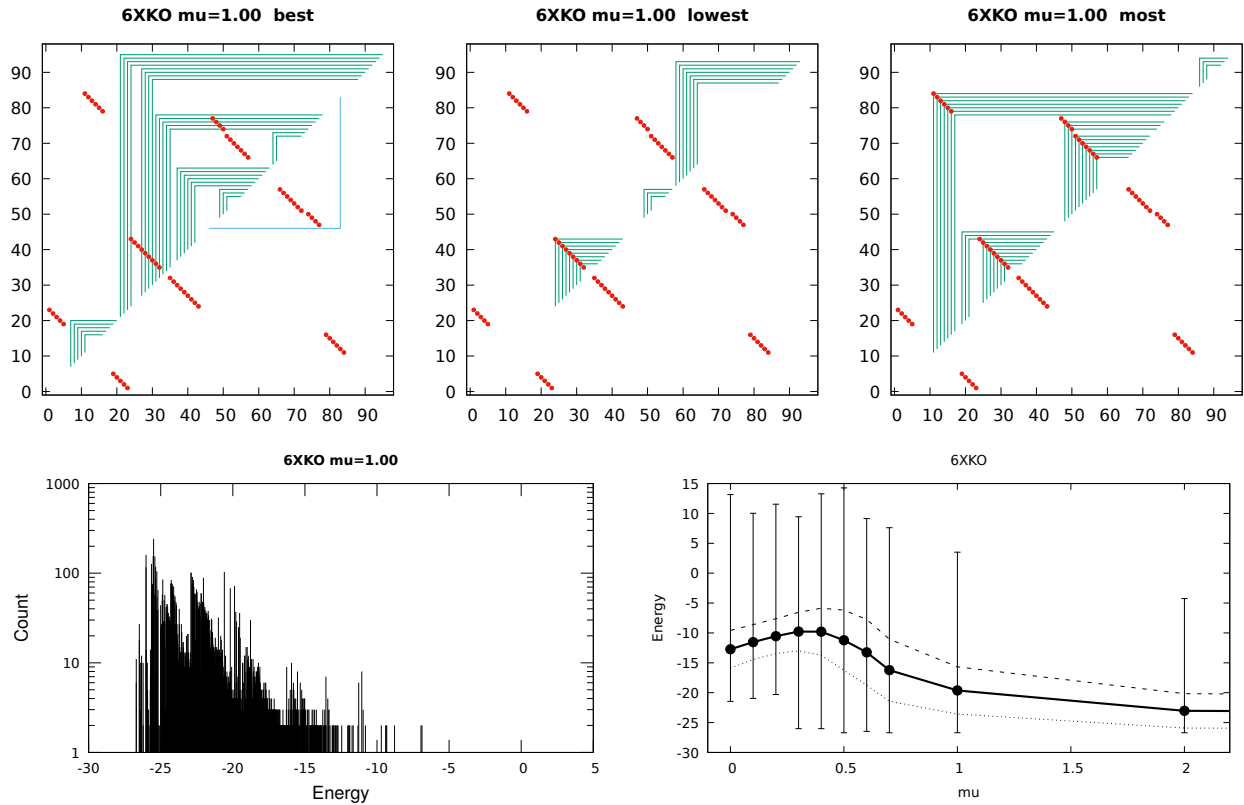


6XKO

XAGCAACUUA GGAUUUUAGG CUCCCCGGCG UGACCAUGCC GGGCCAAACC CAUAGGGCUG
GCGGUCCCUG UGCGGUCGAA AUUCAUCCGC CGGAGX

mu: 1 mean energy: -19.6181 variance: 15.6196

lowest: -26.697343 most probable(0.603%): -25.493252 best match: -15.201051

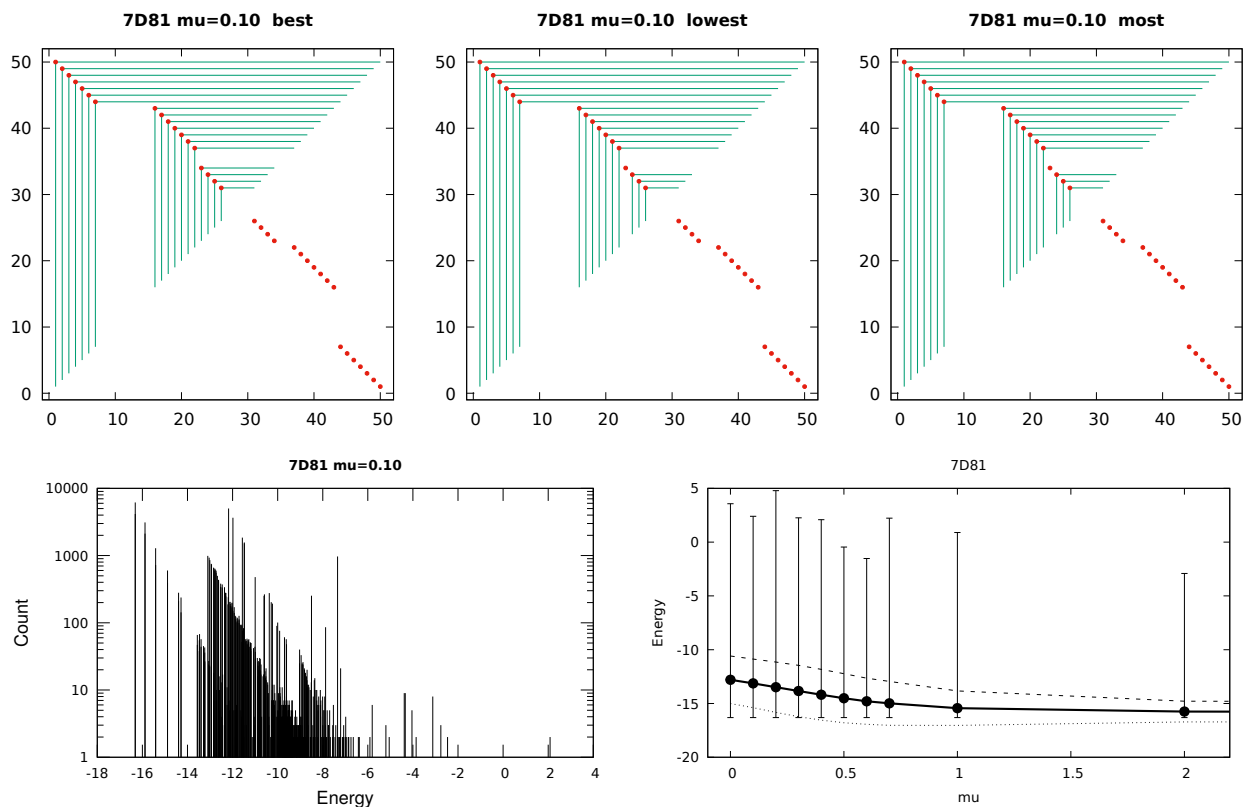


7D81

GGUUUCAACA UCCCCGUUCG GCGCUCGAAA GAGGUGGCCG GACUGAAGCC

mu: 0.1 mean energy: -13.1301 variance: 5.08465

lowest: -16.315001 most probable(10.290%): -16.315001 best match: -10.309502

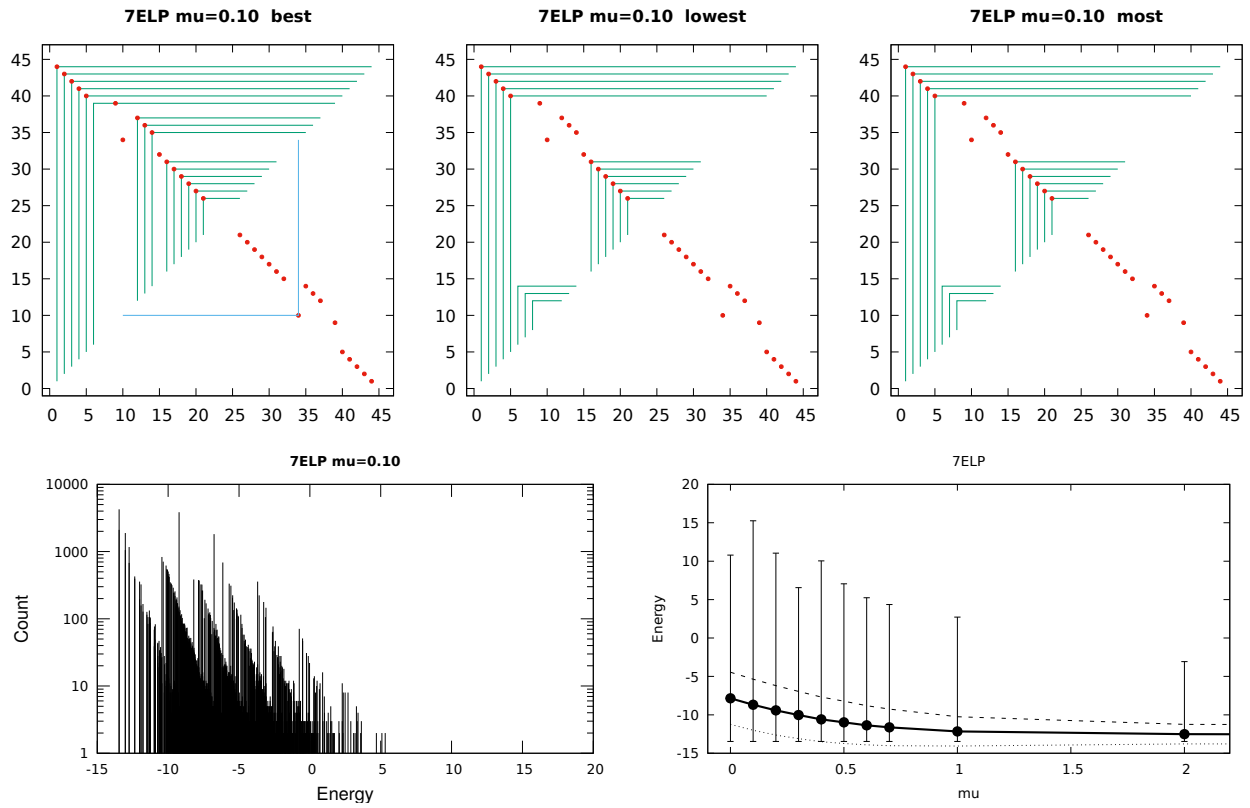


7ELP

GAGUAGAAGC GUUCAGCGGC CGAAAGGCCG CCCGAAAUU GCUCC

mu: 0.1 mean energy: -8.68329 variance: 11.0589

lowest: -13.458167 most probable(7.088%): -13.458167 best match: -6.406584



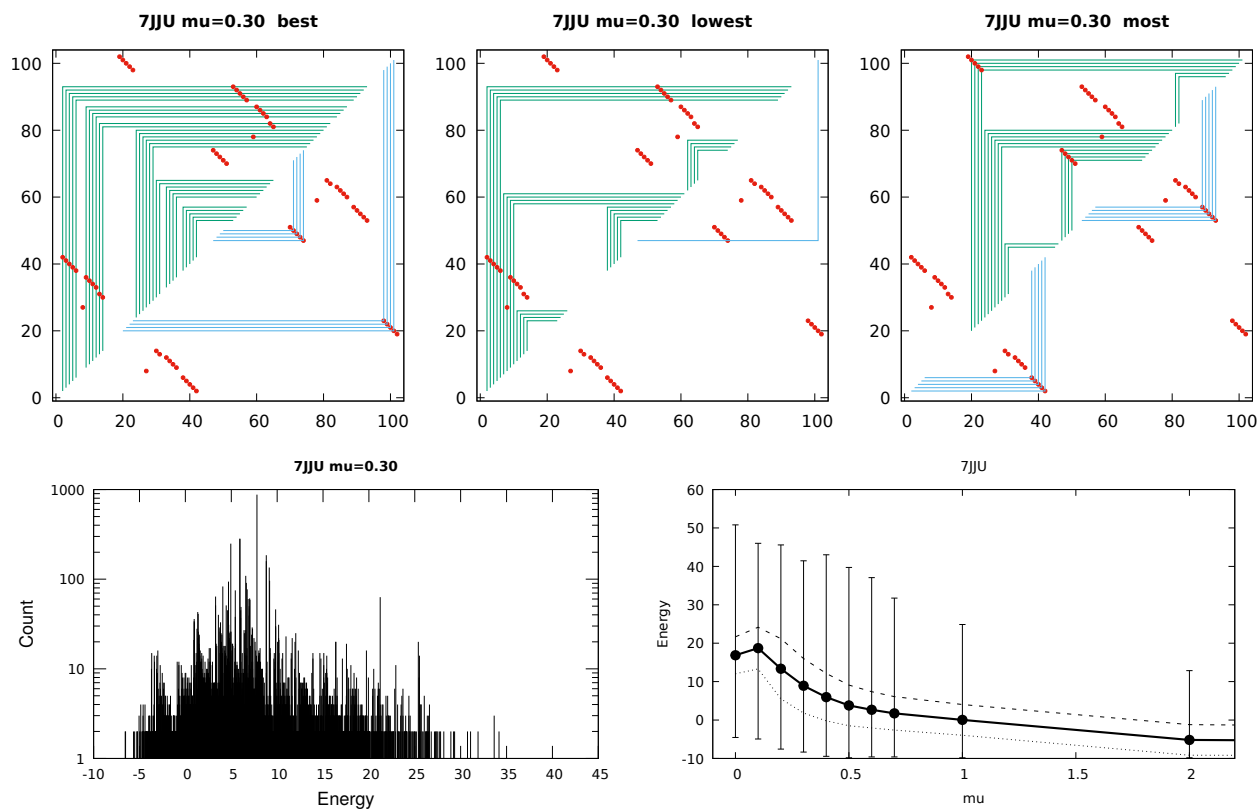
7JJU

XGAACUAGCU CAGCAUACAC GAGUUGCAAG CAUGGGAAGU UCAAGCCUCG XXGAACUAGC

UCAGCAUACA CGAGUUGCAA GCAUGGGAAG UUCAAGCCUC GX

mu: 0.3 mean energy: 8.92181 variance: 50.1607

lowest: -8.347881 most probable(1.462%): 7.798513 best match: 4.694783

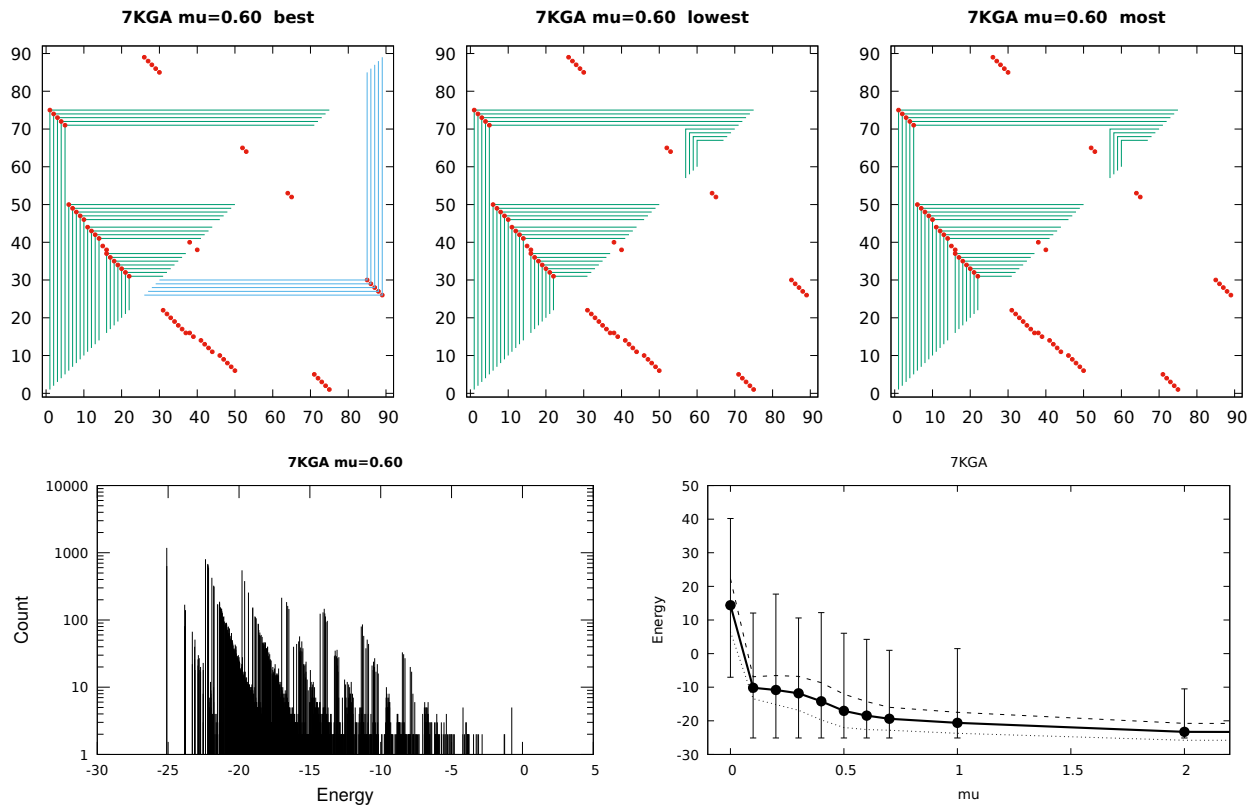


7KGA

GGGGGCCAGA UGUCAUGUCU CUCAAGCCUA GGAGACACUA GACACUCUGG ACUAUCGGUU
 AGAGGAAACC CCCCCAAAAA UGUAUAGGCU

mu: 0.6 mean energy: -18.4403 variance: 17.34

lowest: -25.096251 most probable(2.953%): -25.096251 best match: -10.860360

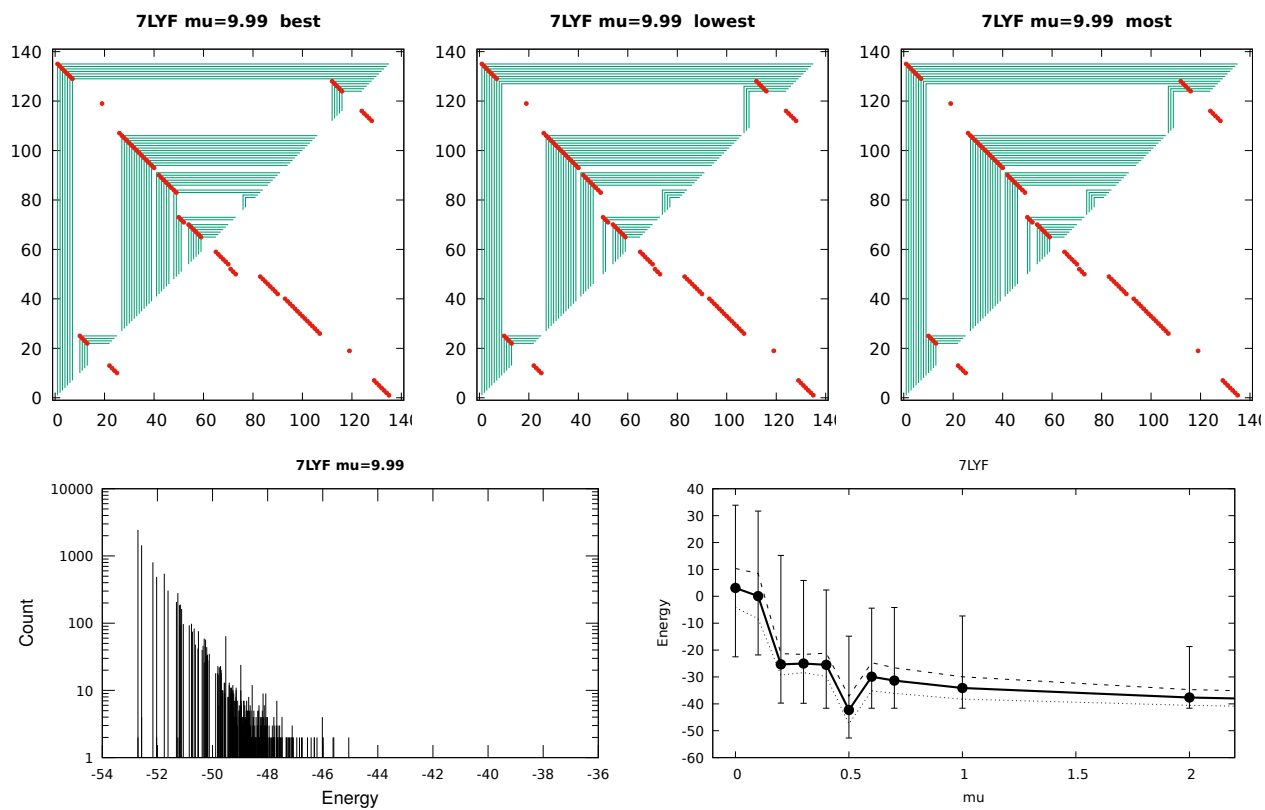


7LYF

GCCCGGAUAG CUCAGUCGGU AGAGCAGCGG AGCUGUUAGU CUACGUGGAC CGACAAAGAC
 AGAUUCUUUG AGGGAGCUAA GCUCAACGUA GUUCUACAG CUCCGCGGGU CCAGGGUUCA
 AGUCCCUGUU CGGGCGCCA

mu: 9.99 mean energy: -51.3067 variance: 3.22909

lowest: -52.706991 most probable(24.300%): -52.706991 best match: -46.304173

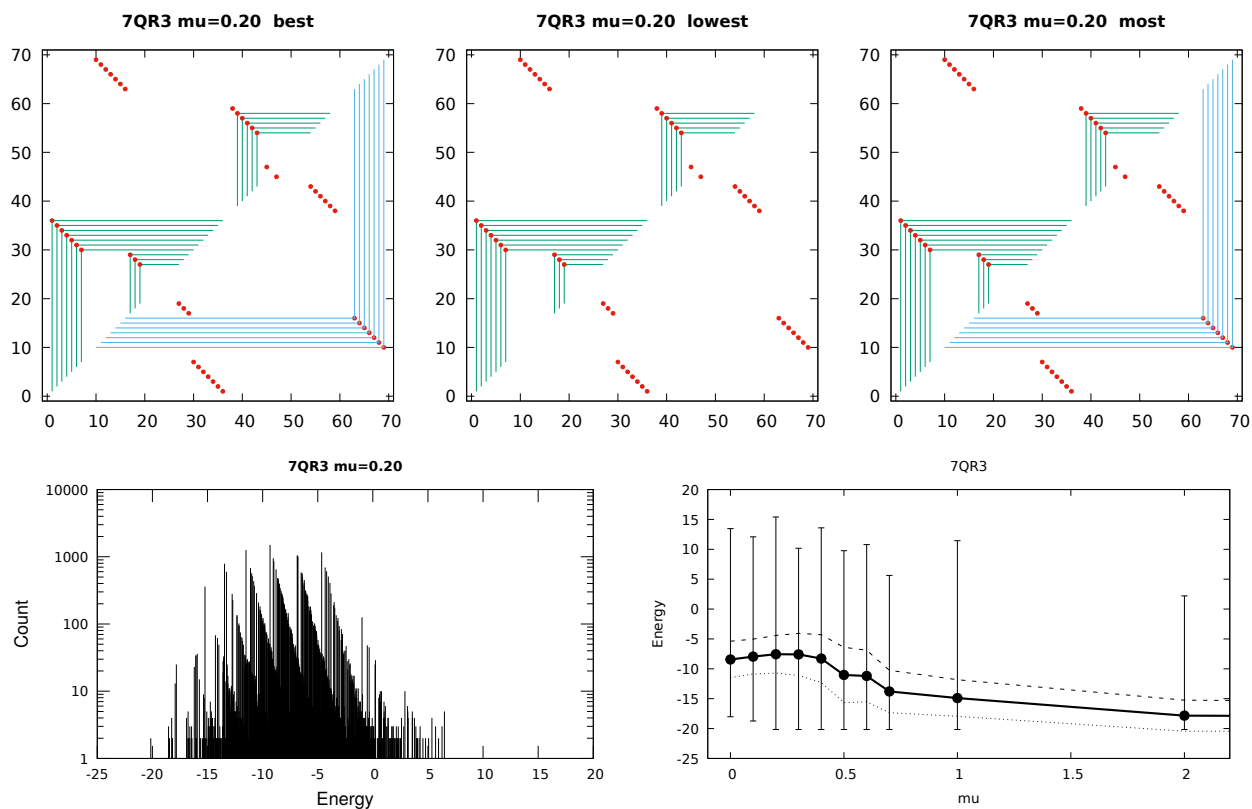


7QR3

GGGGGCCACA GCAGAAGCGU UCACGUCGCG GCCCCUGUCA GCCAUUGCAC UCCGGCUGCG
AAUUCUGCU

mu: 0.2 mean energy: -7.56202 variance: 9.90196

lowest: -20.146253 most probable(2.507%): -9.324610 best match: -9.324610

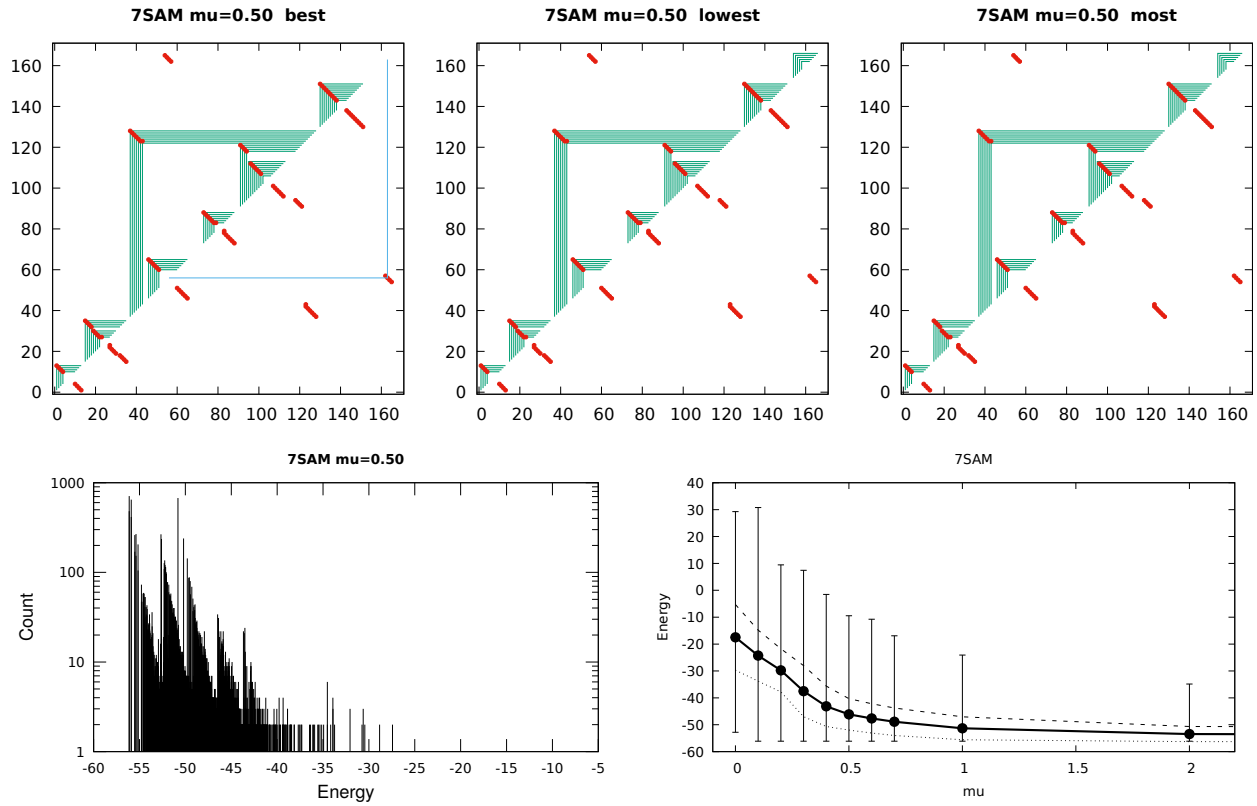


7SAM

CGUGGUUGAC ACGCAGACCU CUUACAAGAG UGUCUAGGUG CCUUUGAGAG UUACUCUUUG
 CUCUCUUCGG AAGAACCCUU AGGGGUUCGU GCAUGGGCUU GCAUAGCAAG UCUUAGAAUG
 CGGGUACCGU ACAGUGUUGA AAAACACUGU AAAUCUCUAA AAGAGACCA

mu: 0.5 mean energy: -46.1398 variance: 34.1729

lowest: -56.121090 most probable(1.183%): -56.121090 best match: -46.503375

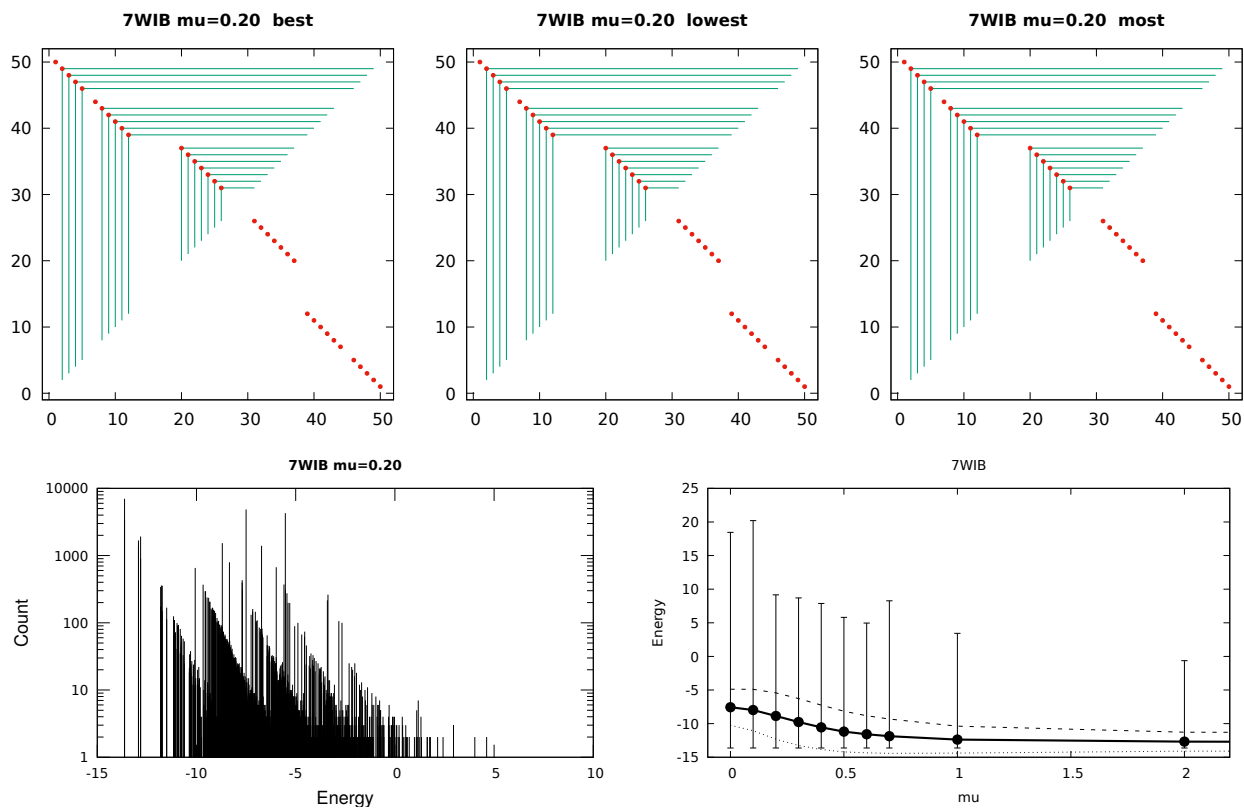


7WIB

XGCGUGGUCC GUUCAACUCG UCCUCGAAA GAGGAACUAC GGGAGACGCC

mu: 0.2 mean energy: -8.86288 variance: 11.8558

lowest: -13.626251 most probable(11.670%): -13.626251 best match: -13.626251

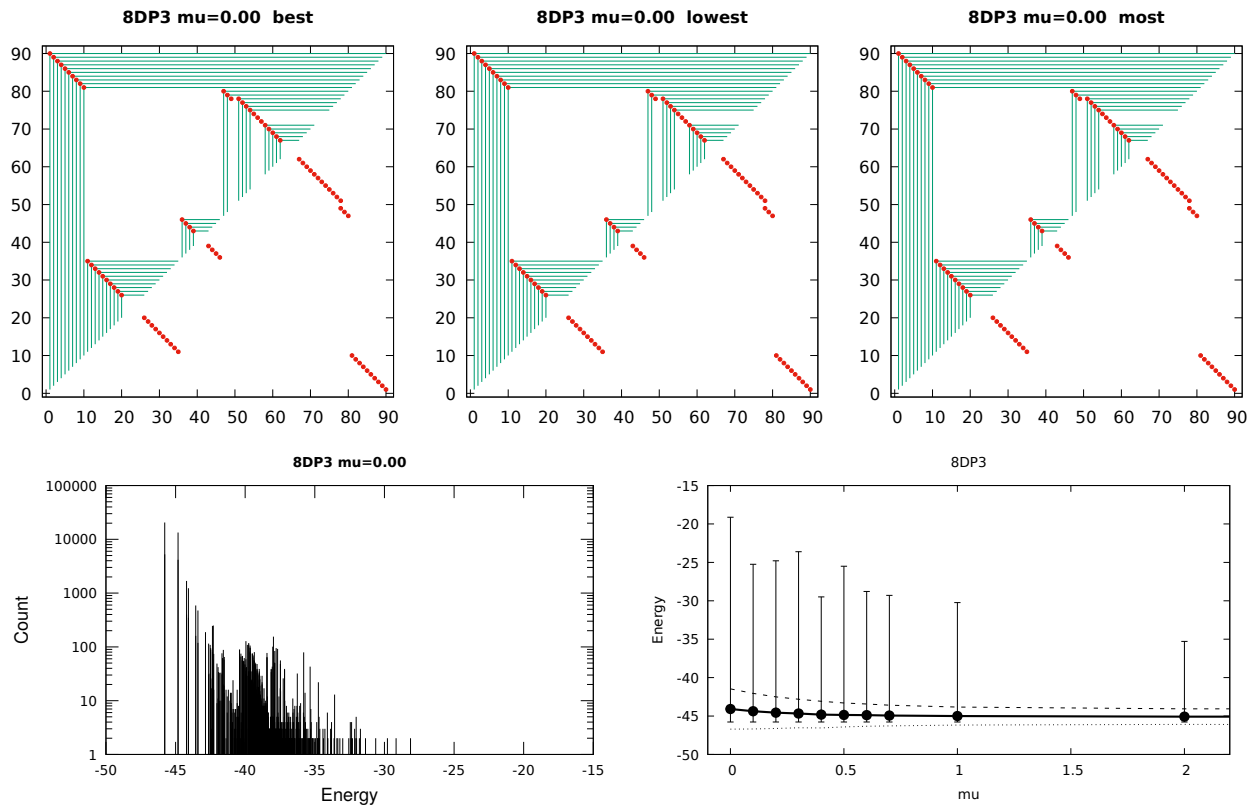


8DP3

GGUAAAACAG CCUGUGGGUG AAACACACCC ACAGGGCCCA UUGGGCGCUA GCACUCUGGU
AUCACCGUAC CUUUGUGCGC CUGUUUUUACC

mu: 0 mean energy: -44.087 variance: 6.85213

lowest: -45.777422 most probable(34.295%): -45.777422 best match: -45.777422

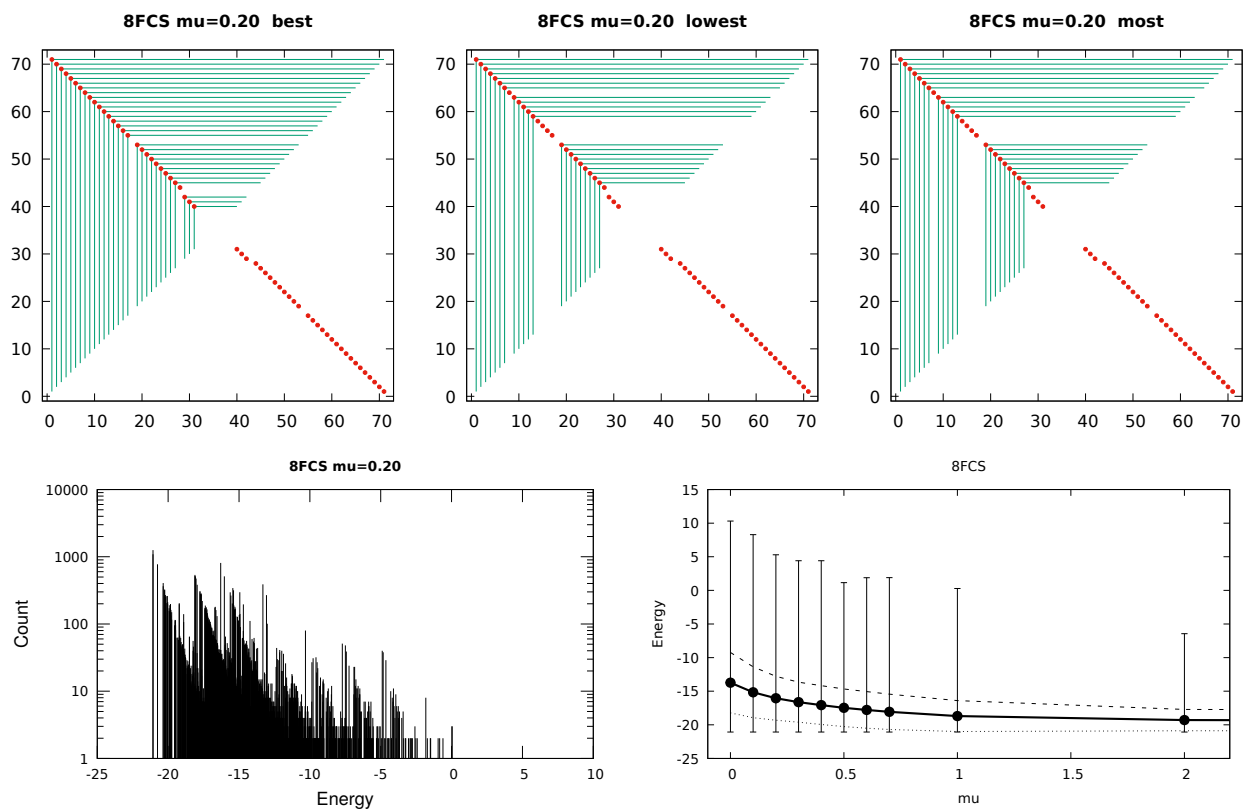


8FCS

GGAGAGGAGG CAAGAUGCUG GCAUAGCUGU UGAACUGGGA ACCUGCUAUG CCAACAUAAU
GCCAUCUUUC C

mu: 0.2 mean energy: -16.0466 variance: 10.6779

lowest: -21.066049 most probable(2.092%): -21.066049 best match: -16.579673

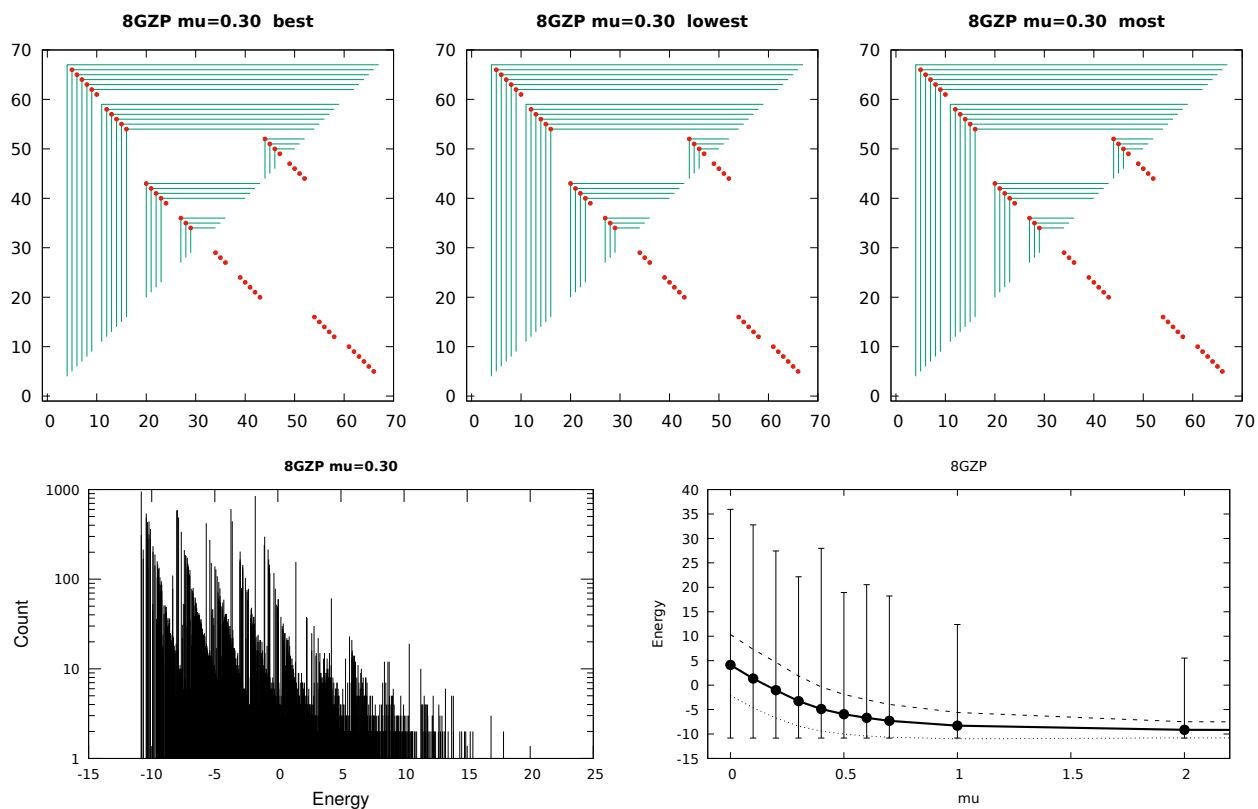


8GZP

AGUUGUUAGU CUGUGUGGAC CGACAAGGAC AGUUCCAAU CGGAAGCUGC UUAACACAGU
UCUAACAX

mu: 0.3 mean energy: -3.26529 variance: 26.3289

lowest: -10.829336 most probable(1.587%): -10.829336 best match: 3.814498



8SH5

XGUAGAACAC GUGGGAUAGG GGAUGACCUU GUCGACCGAA ACACGGUCCC CUGCUCUUC
GAGCUGGCAA GCGCUCACA GGUUCUAC

mu: 0 mean energy: -10.9399 variance: 21.6616

lowest: -24.825690 most probable(5.010%): -13.349502 best match: -18.102586

