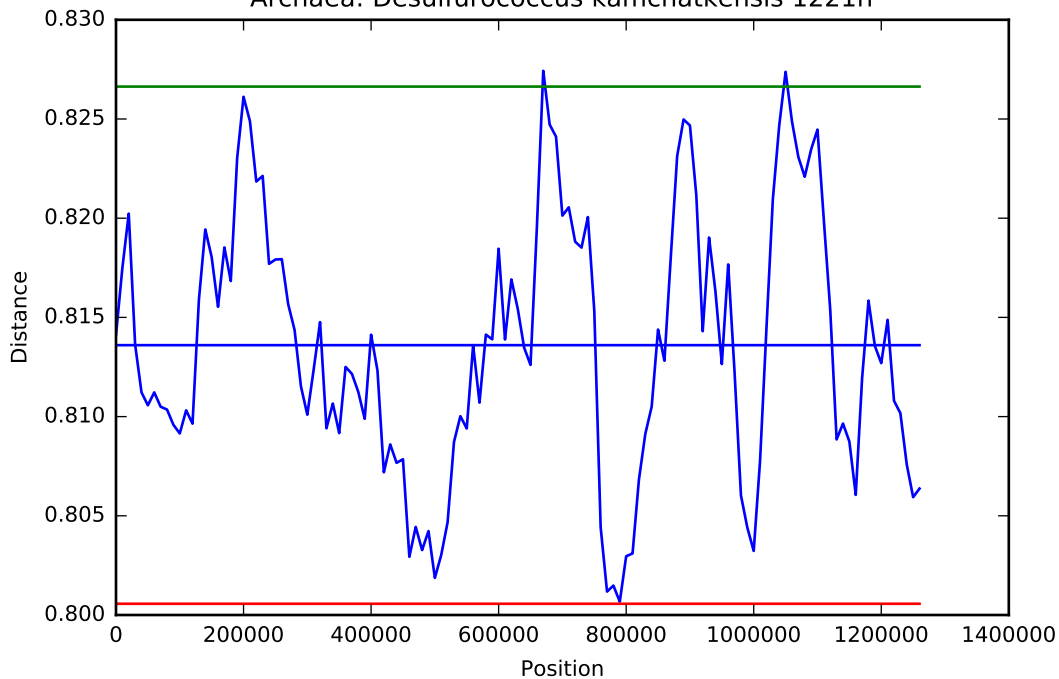
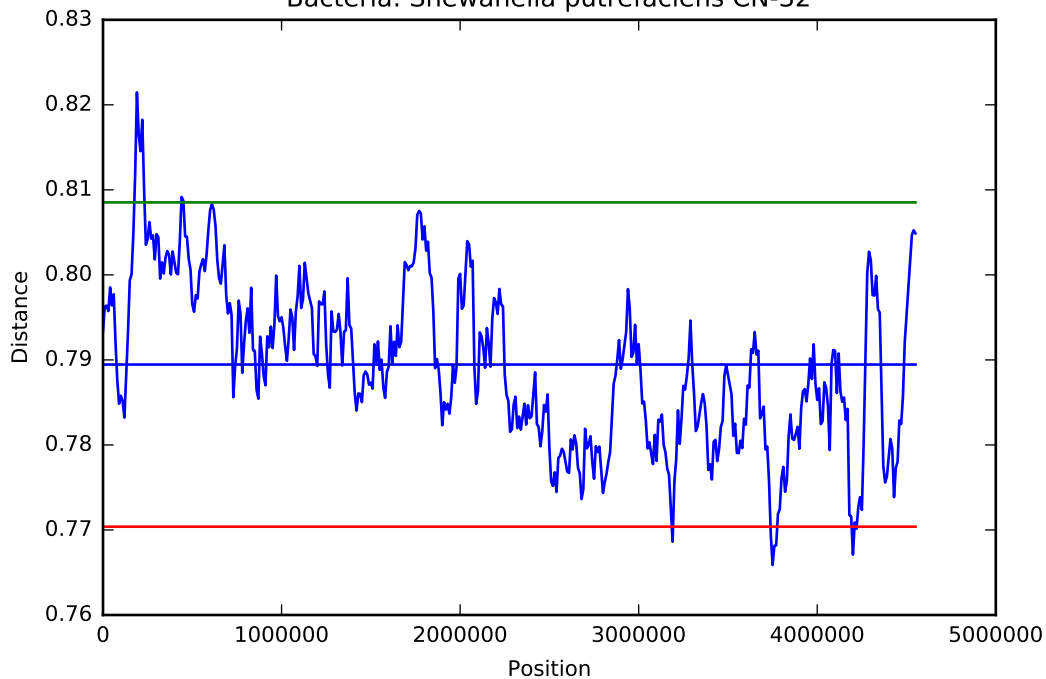


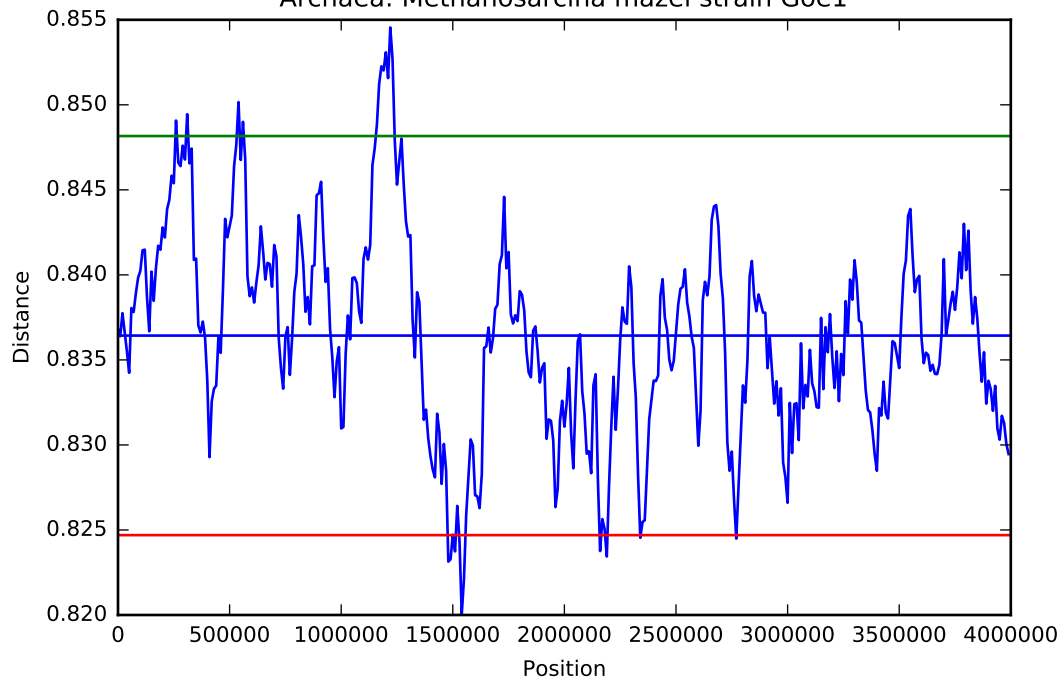
Archaea: *Desulfurococcus kamchatkensis* 1221n



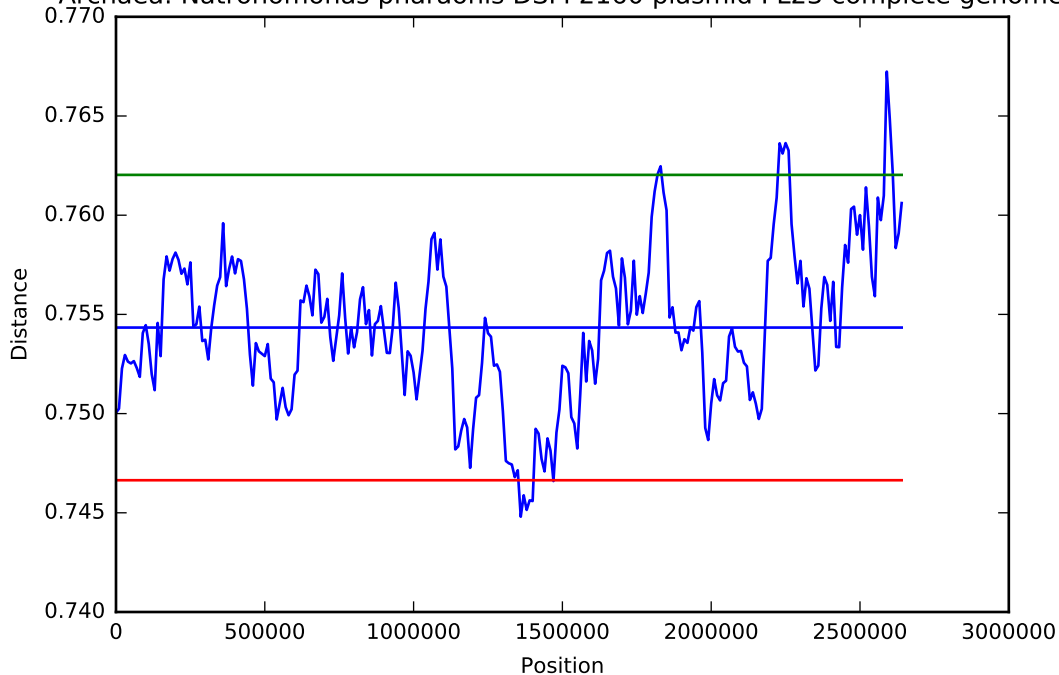
Bacteria: *Shewanella putrefaciens* CN-32



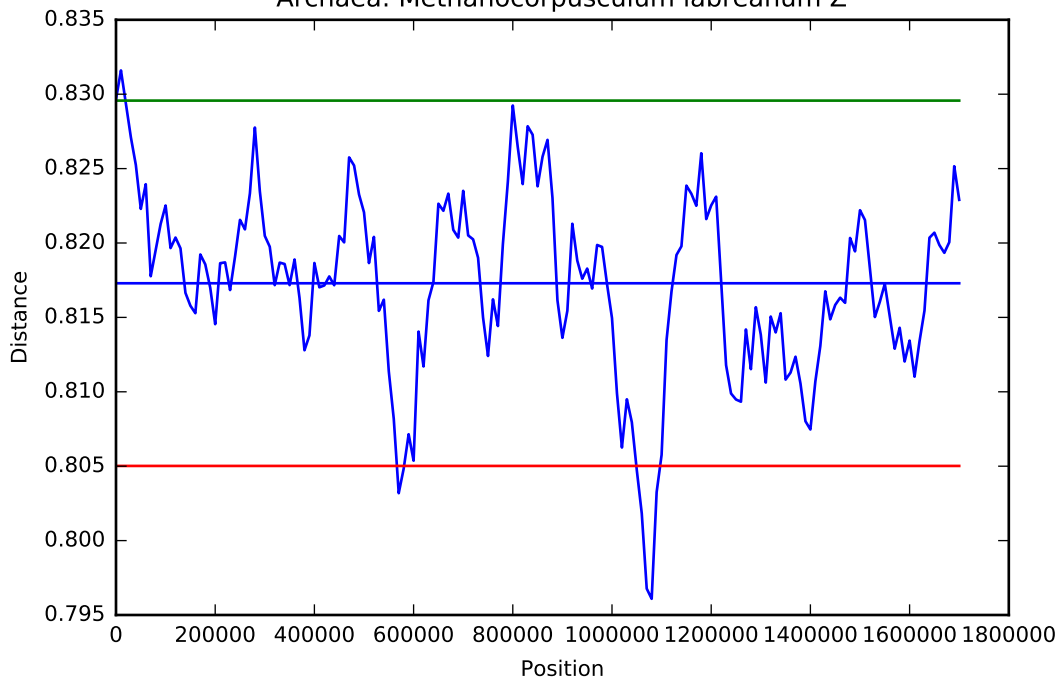
Archaea: *Methanosarcina mazei* strain Goe1



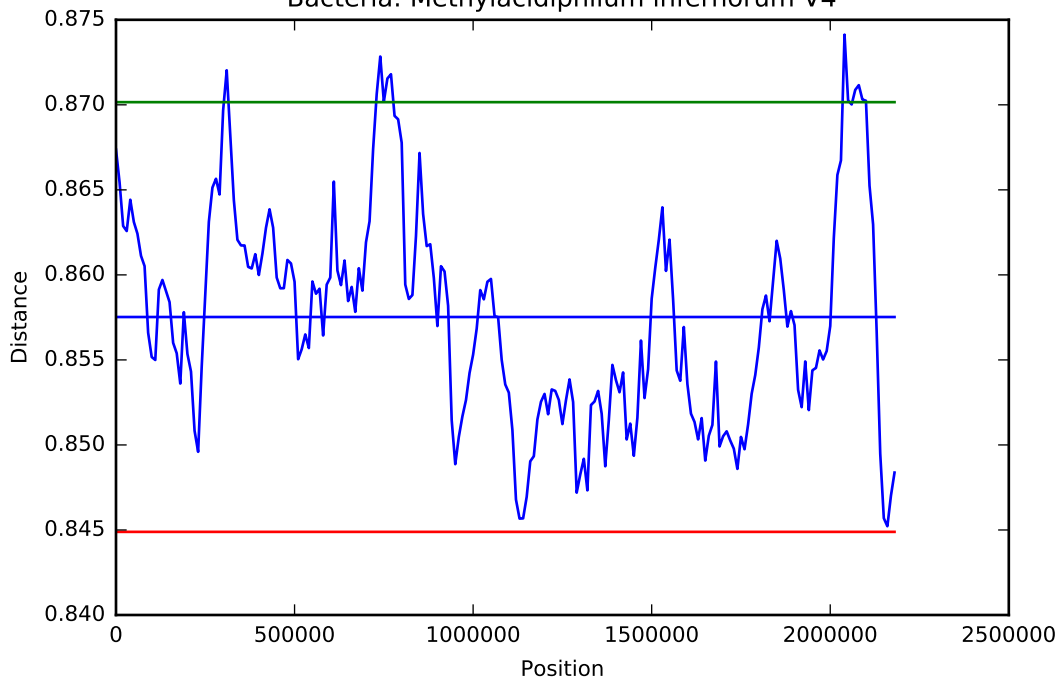
Archaea: Natronomonas pharaonis DSM 2160 plasmid PL23 complete genome



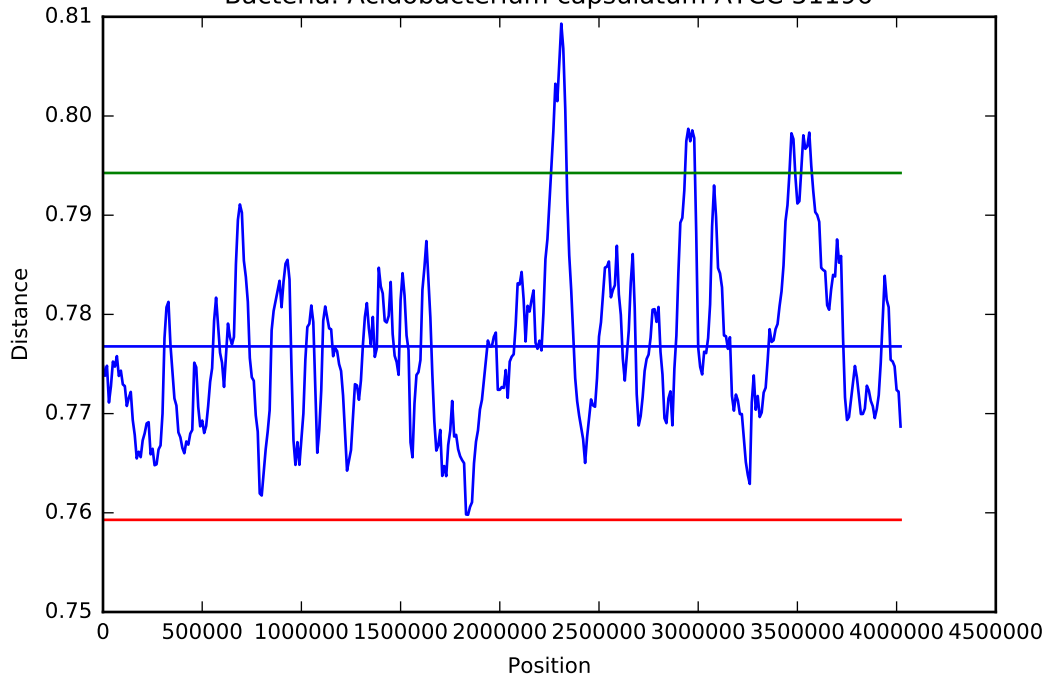
Archaea: Methanocorpusculum labreanum Z



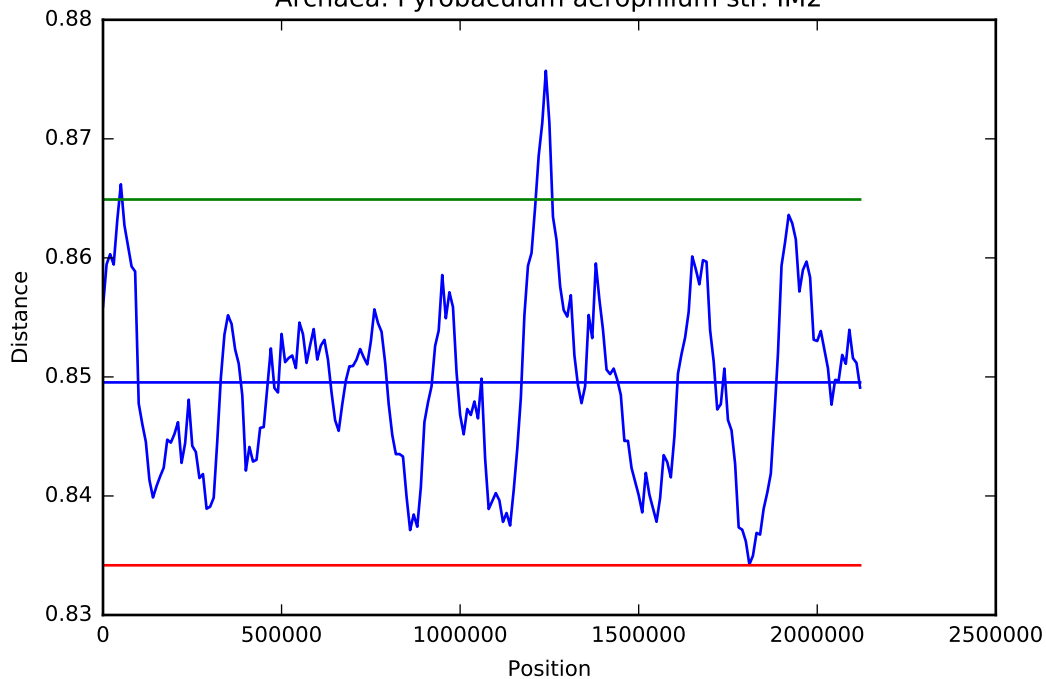
Bacteria: *Methylobacterium inferorum* V4



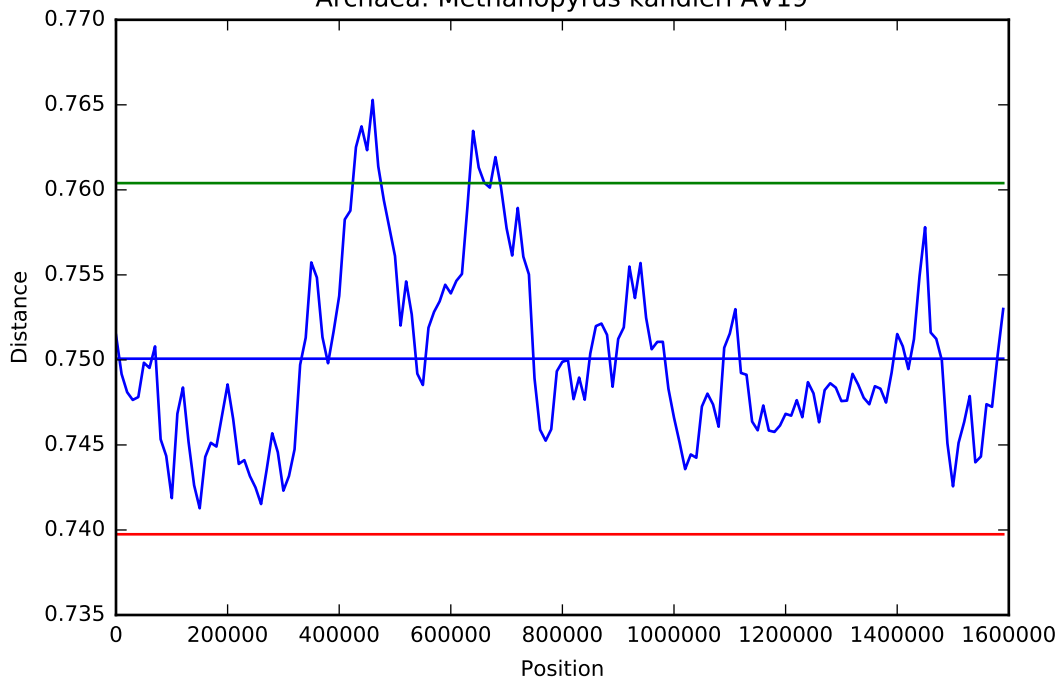
Bacteria: *Acidobacterium capsulatum* ATCC 51196



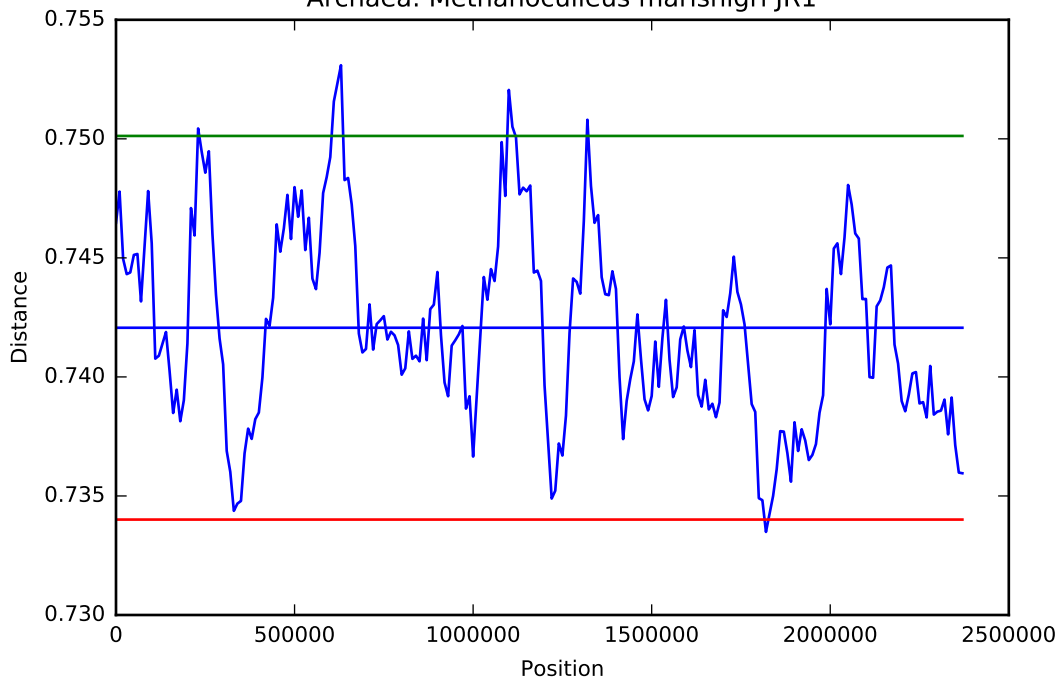
Archaea: *Pyrobaculum aerophilum* str. IM2



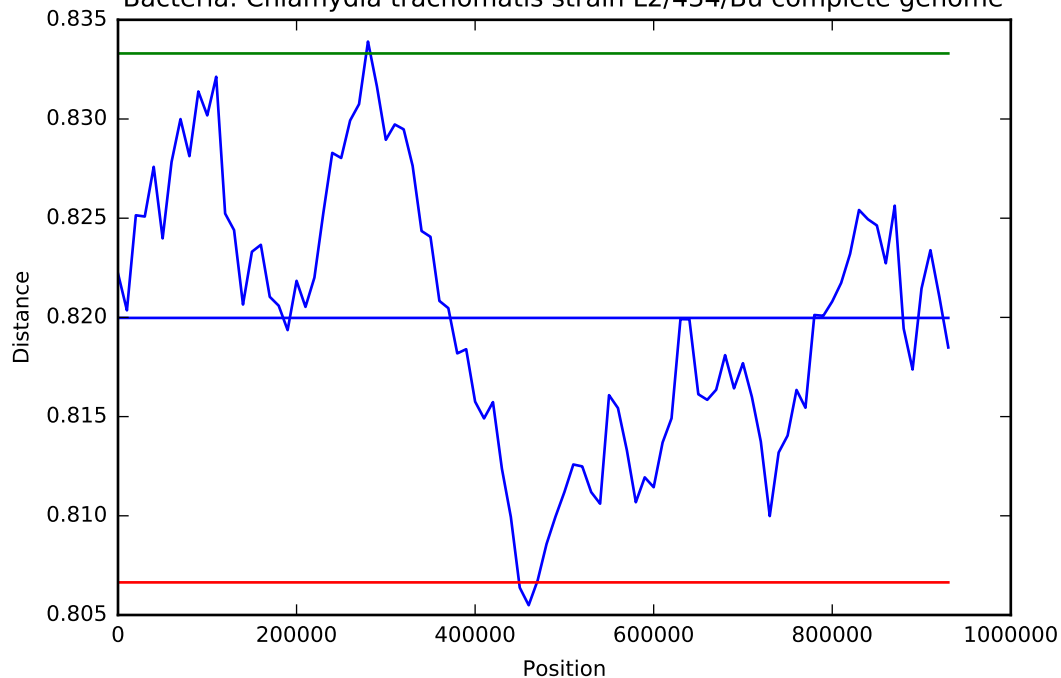
Archaea: Methanopyrus kandleri AV19



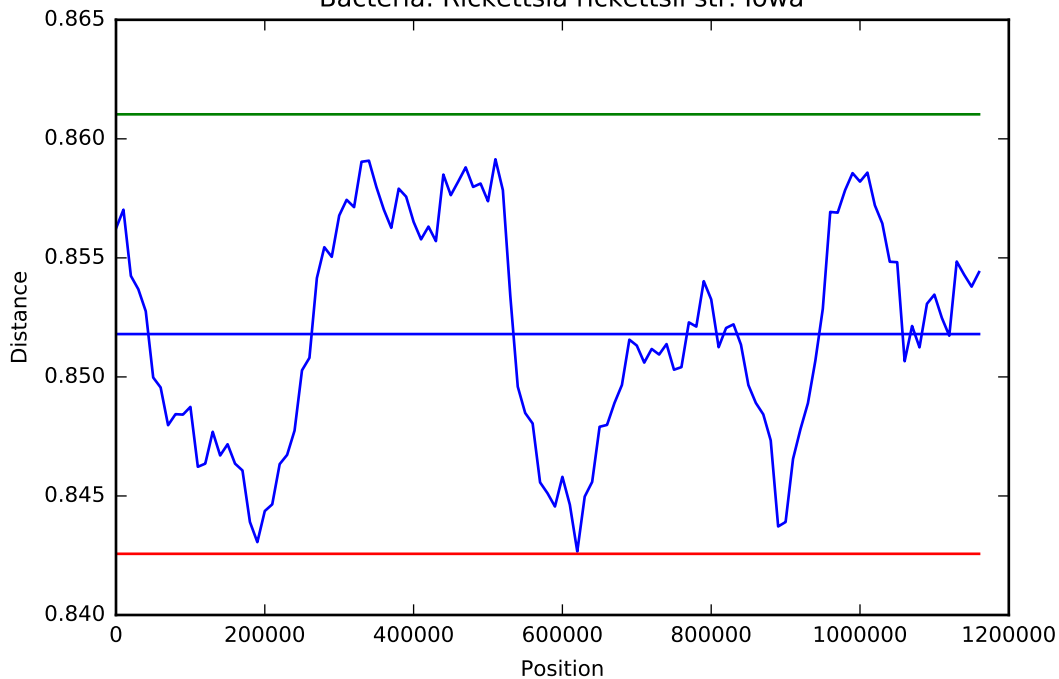
Archaea: Methanoculleus marisnigri JR1



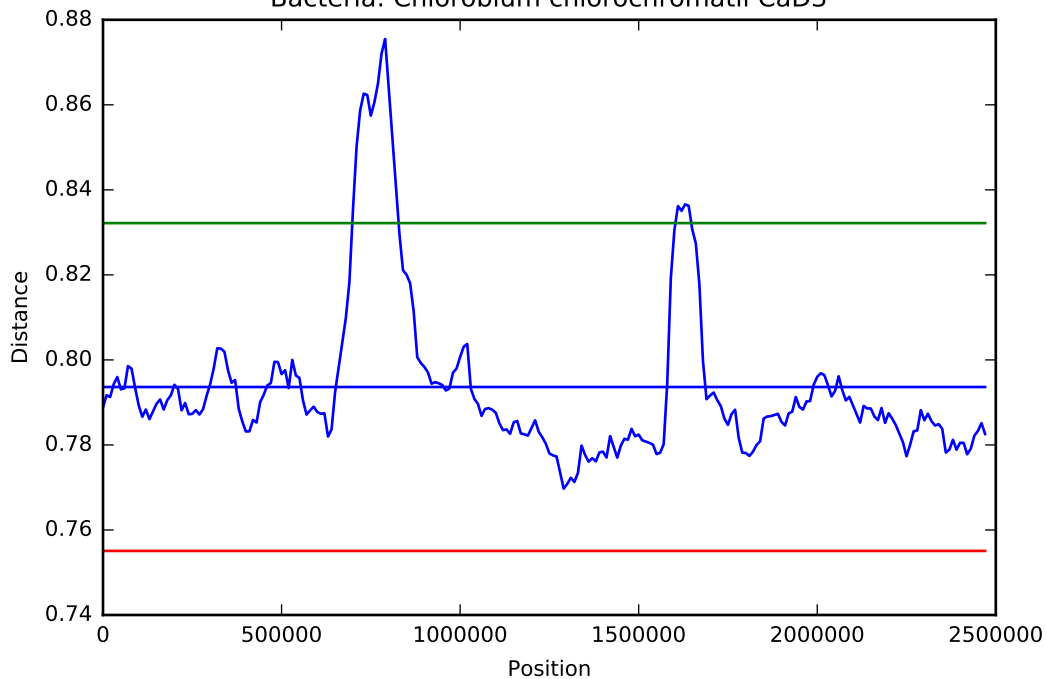
Bacteria: Chlamydia trachomatis strain L2/434/Bu complete genome



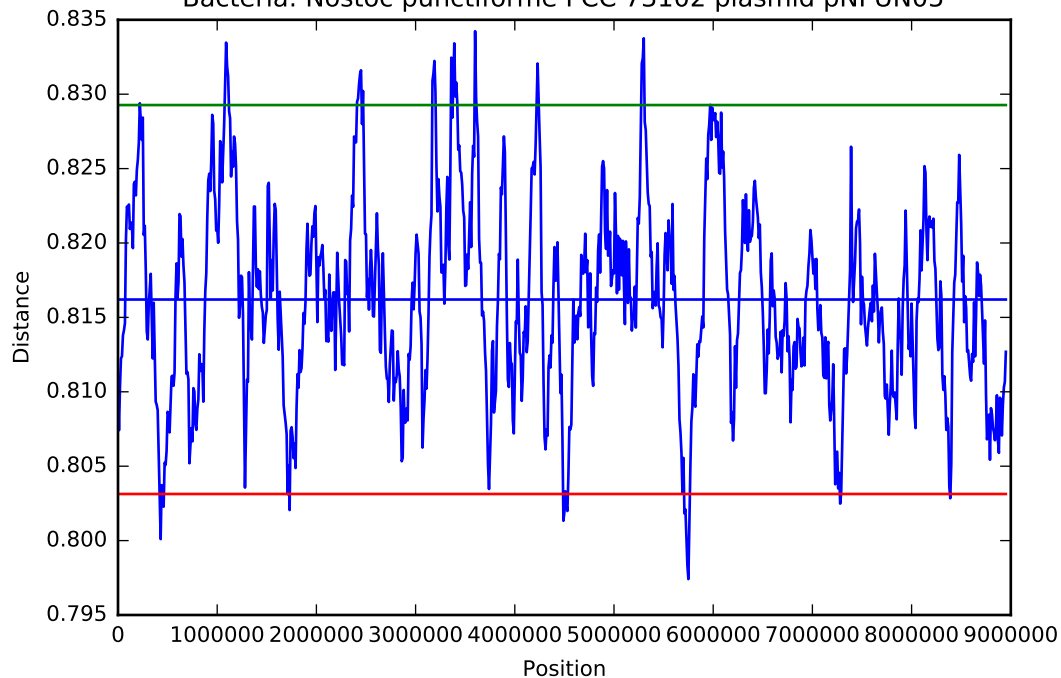
Bacteria: *Rickettsia rickettsii* str. Iowa



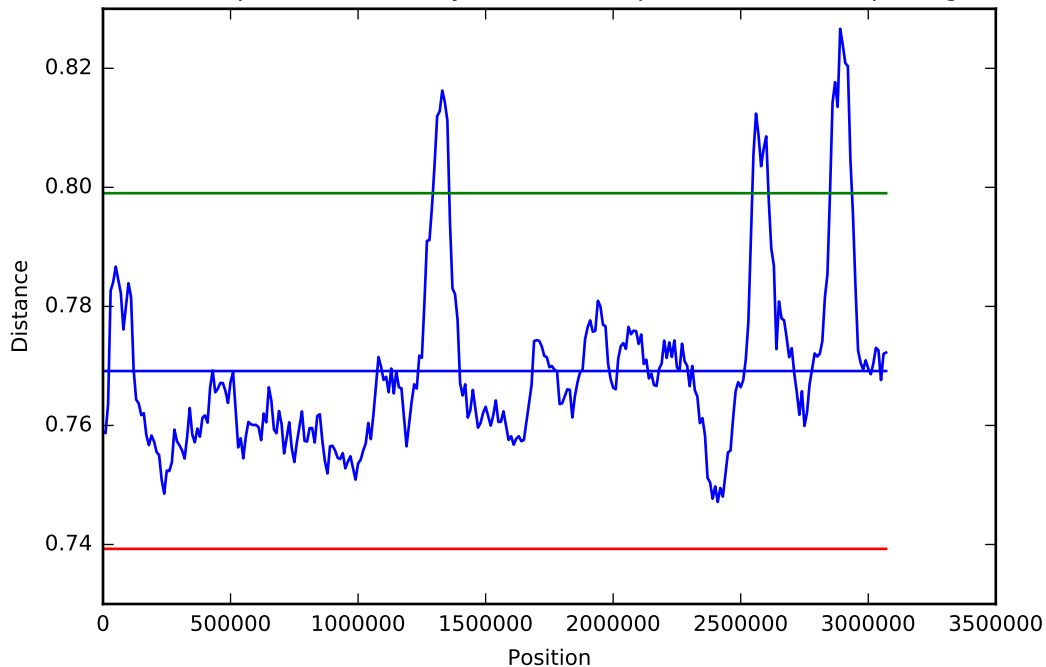
Bacteria: *Chlorobium chlorochromatii* CaD3



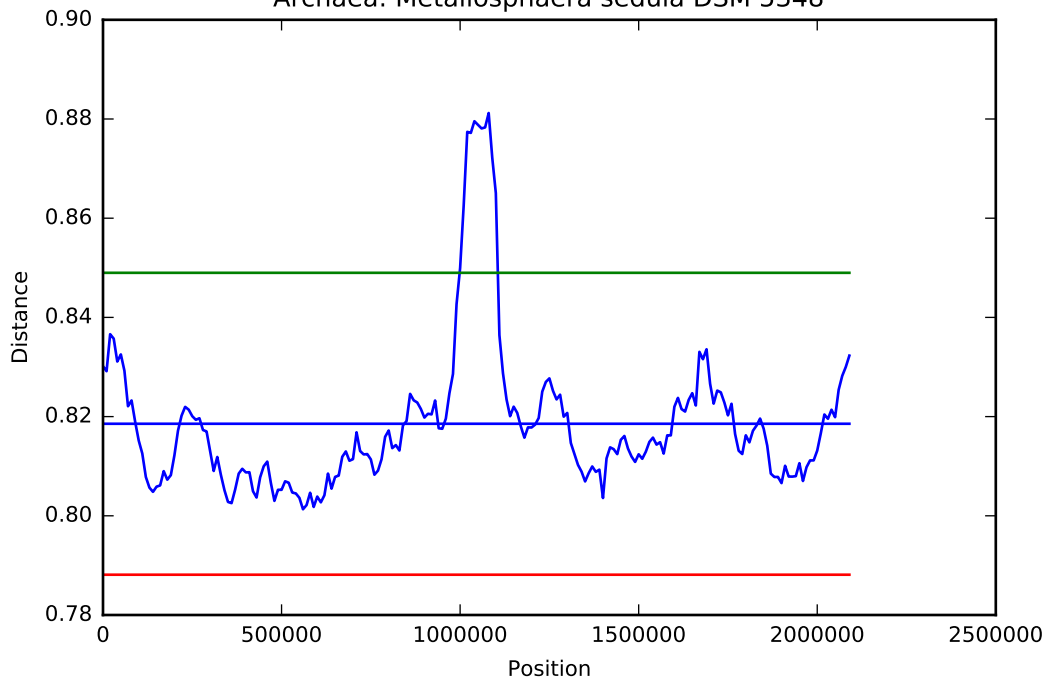
Bacteria: *Nostoc punctiforme* PCC 73102 plasmid pNPUN05



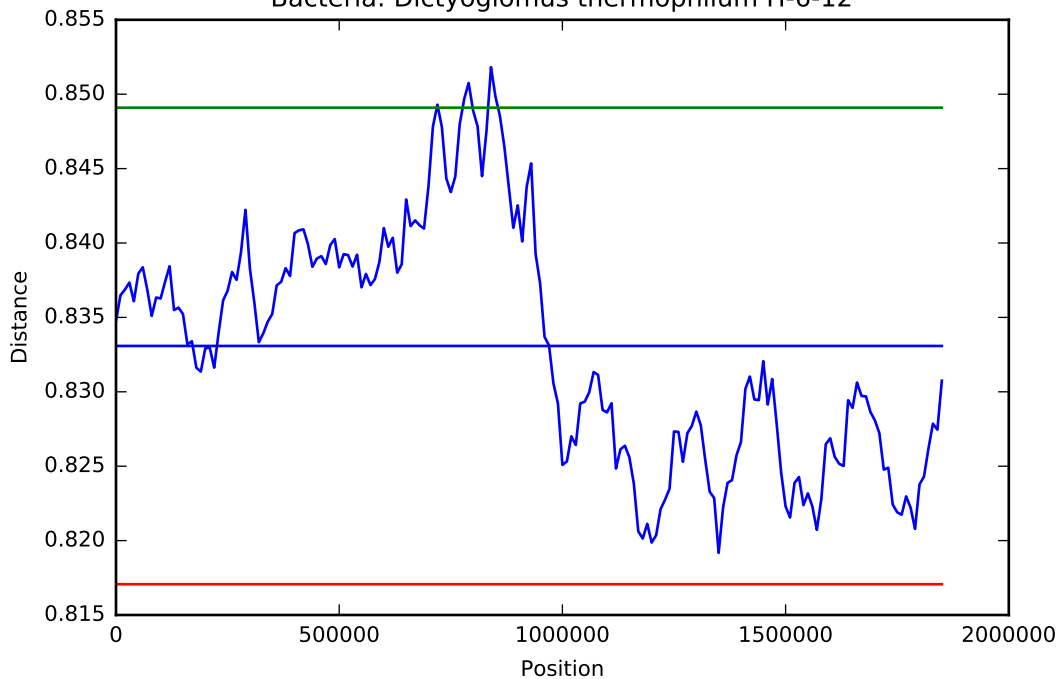
Archaea: Haloquadratum walsbyi DSM 16790 plasmid PL47 complete genome



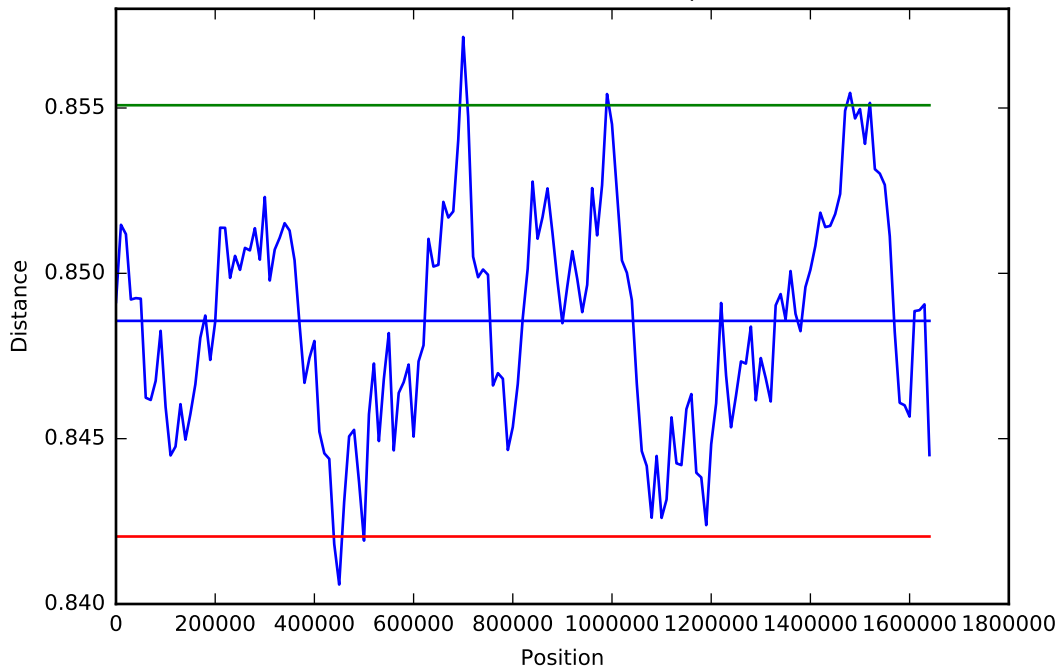
Archaea: Metallosphaera sedula DSM 5348



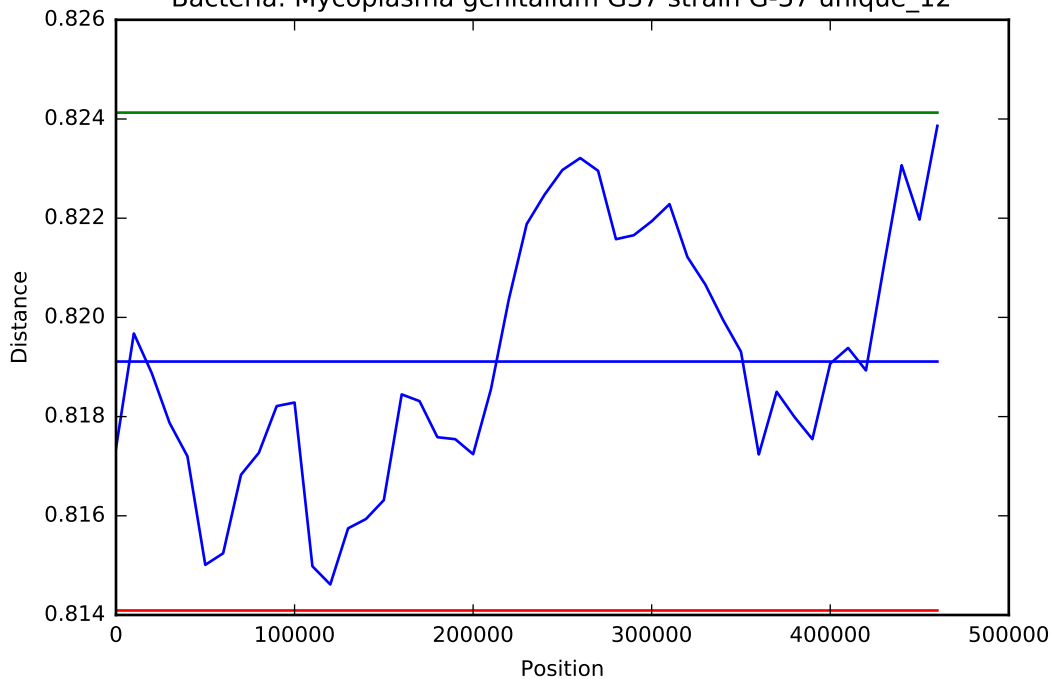
Bacteria: *Dictyoglomus thermophilum* H-6-12



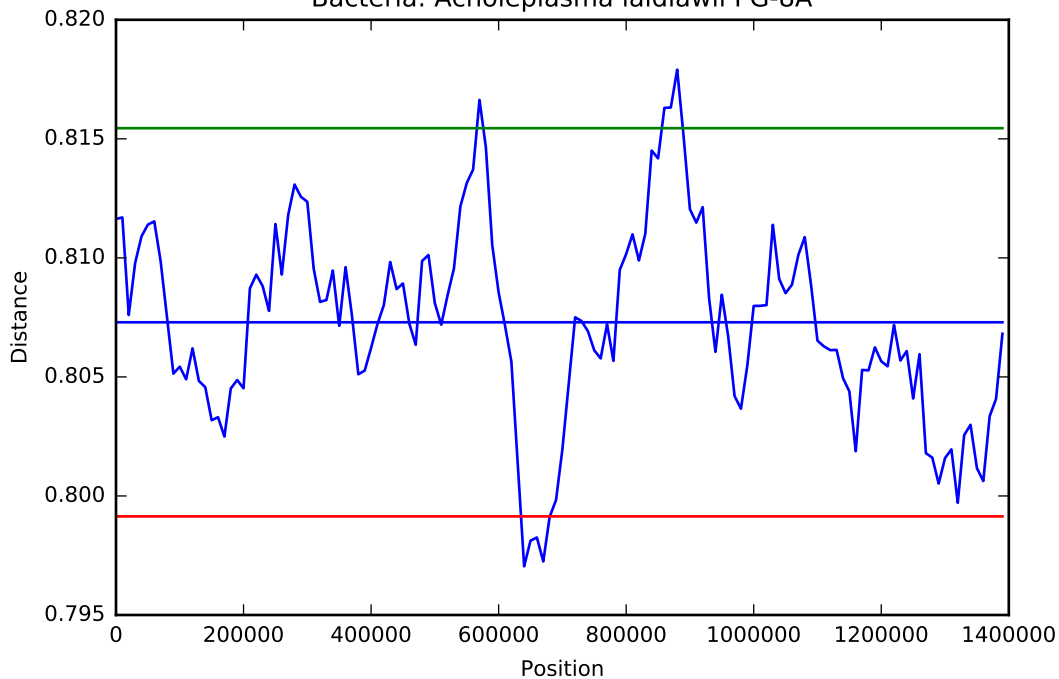
Archaea: Methanococcus maripaludis C6



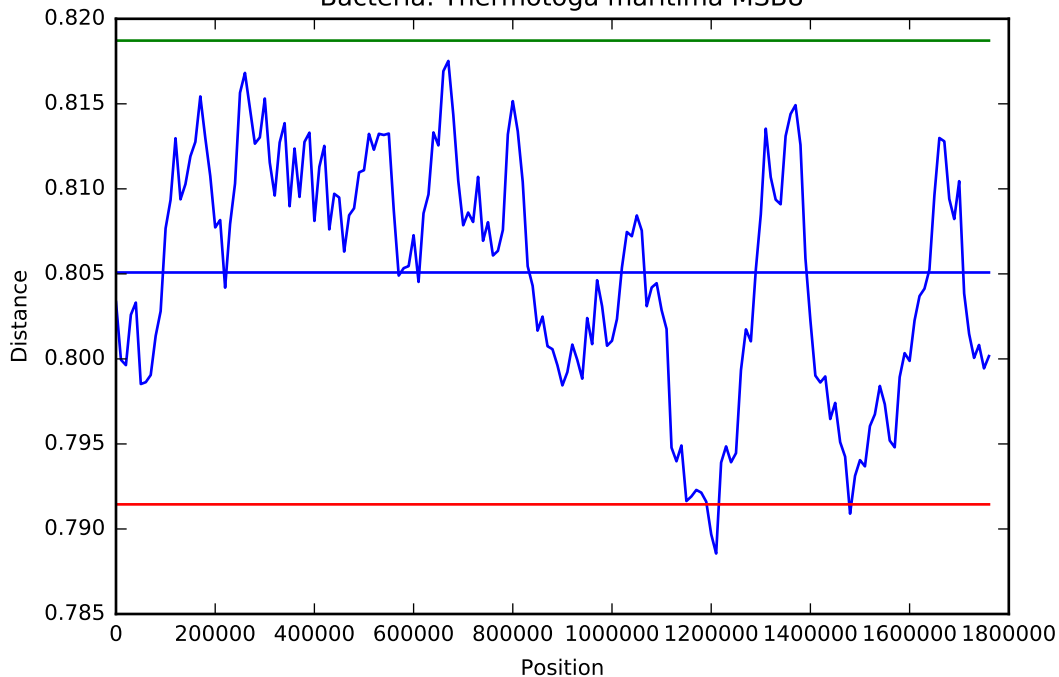
Bacteria: *Mycoplasma genitalium* G37 strain G-37 unique_12



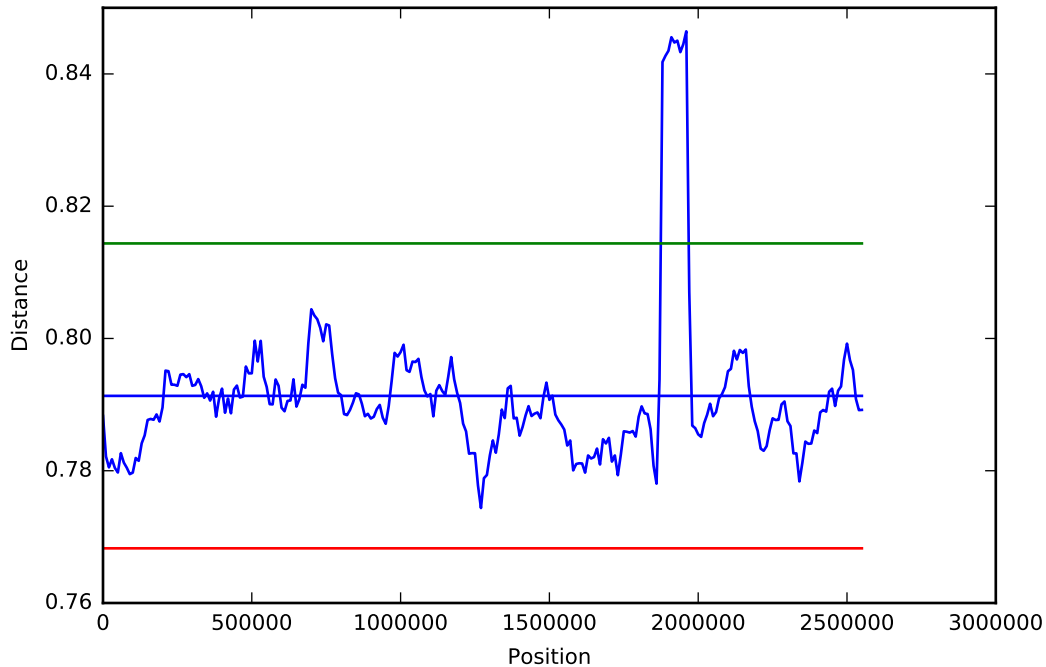
Bacteria: *Acholeplasma laidlawii* PG-8A



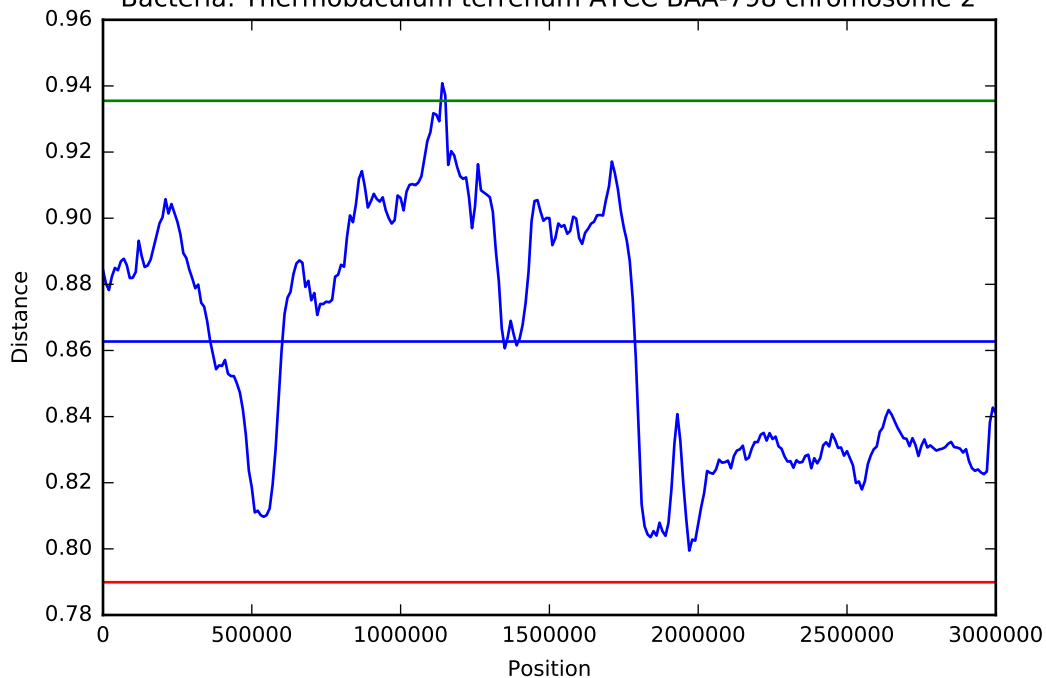
Bacteria: *Thermotoga maritima* MSB8



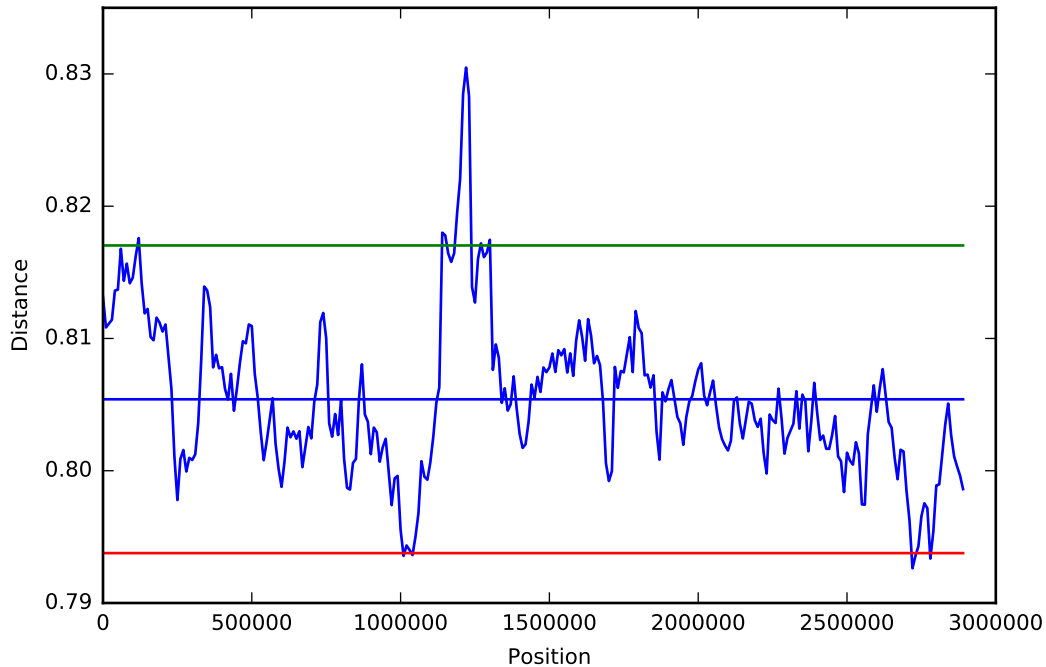
Bacteria: *Psychrobacter arcticus* 273-4



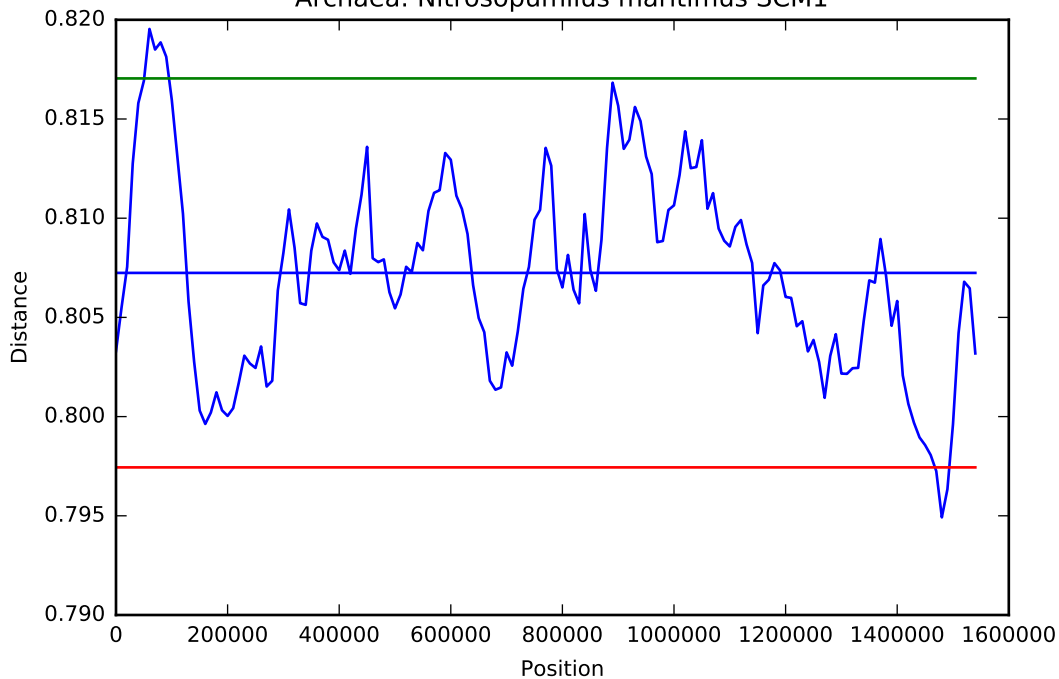
Bacteria: *Thermobaculum terrenum* ATCC BAA-798 chromosome 2



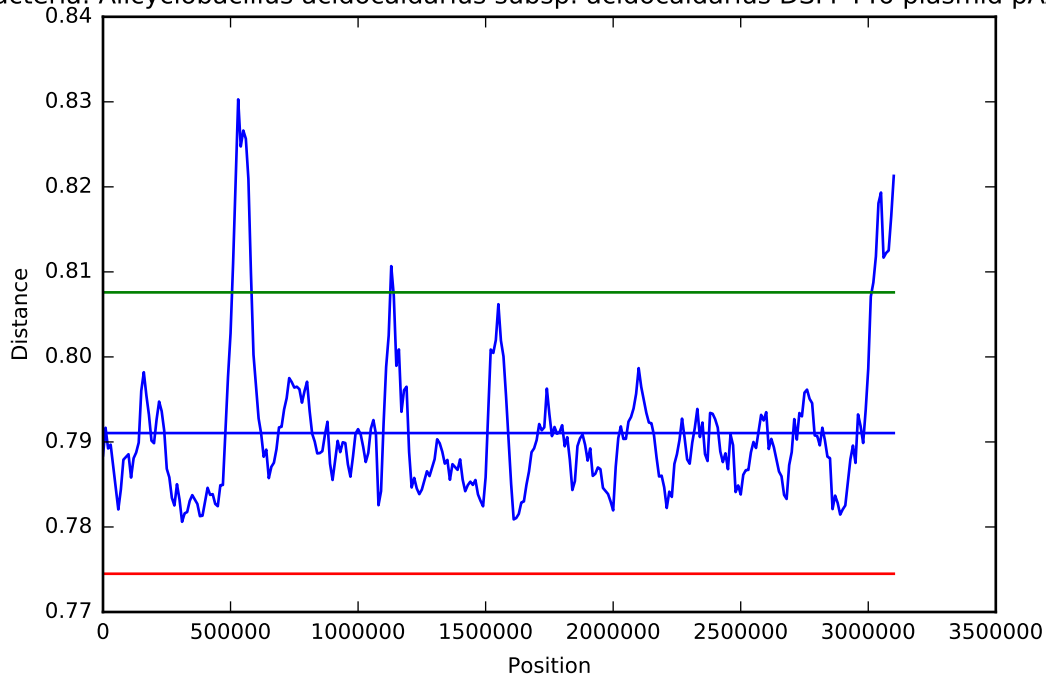
Archaea: Sulfolobus solfataricus P2



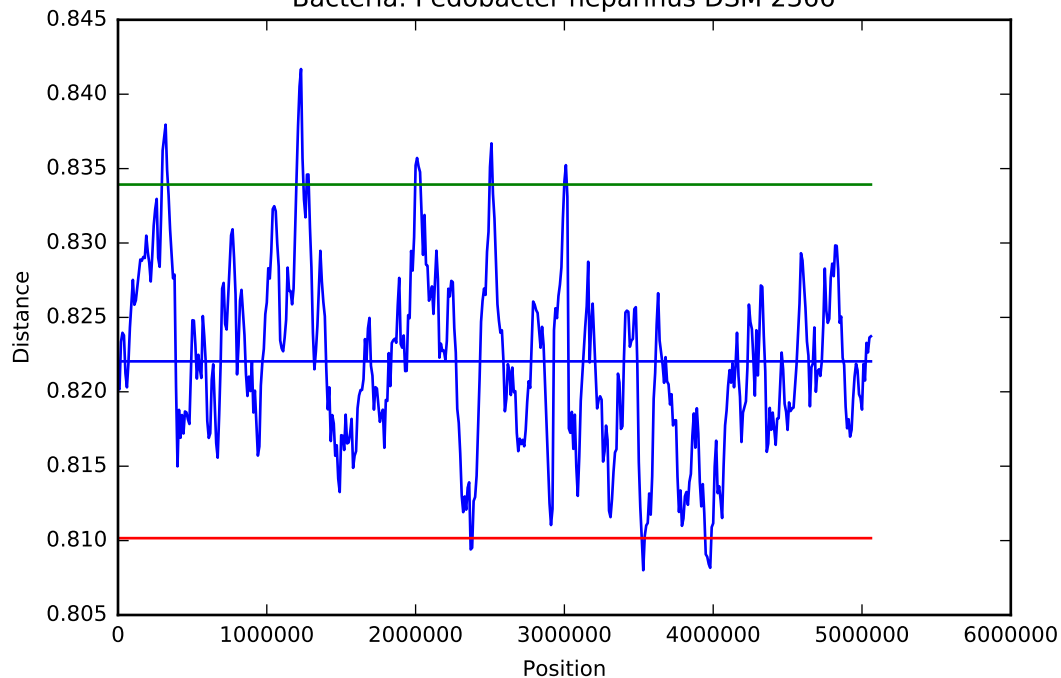
Archaea: Nitrosopumilus maritimus SCM1



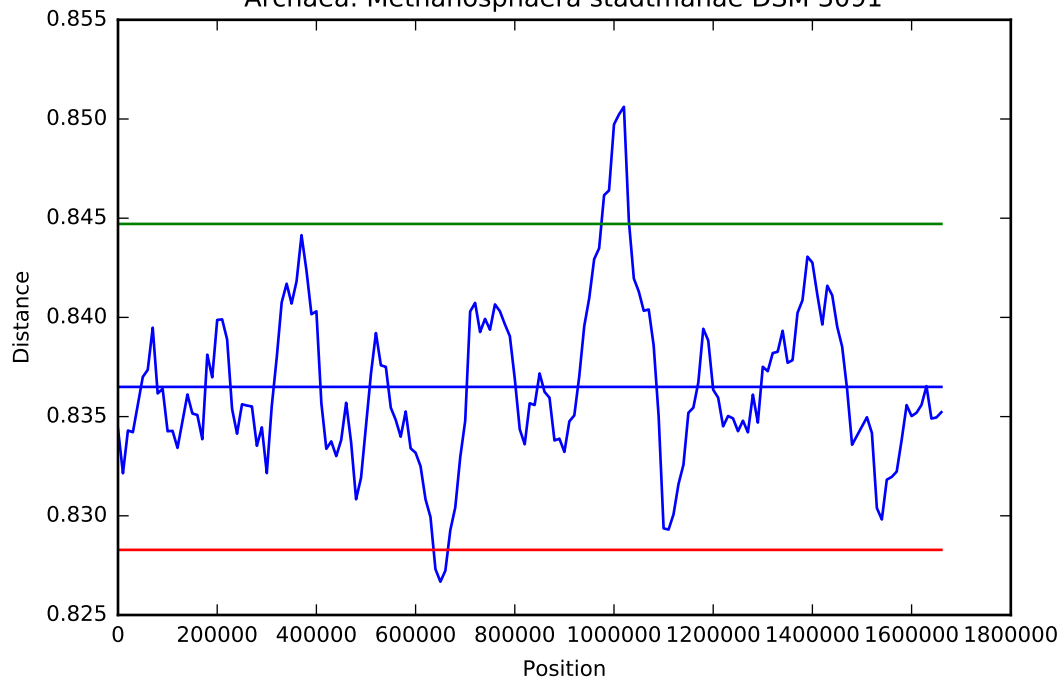
Bacteria: *Alicyclobacillus acidocaldarius* subsp. *acidocaldarius* DSM 446 plasmid pAACI03



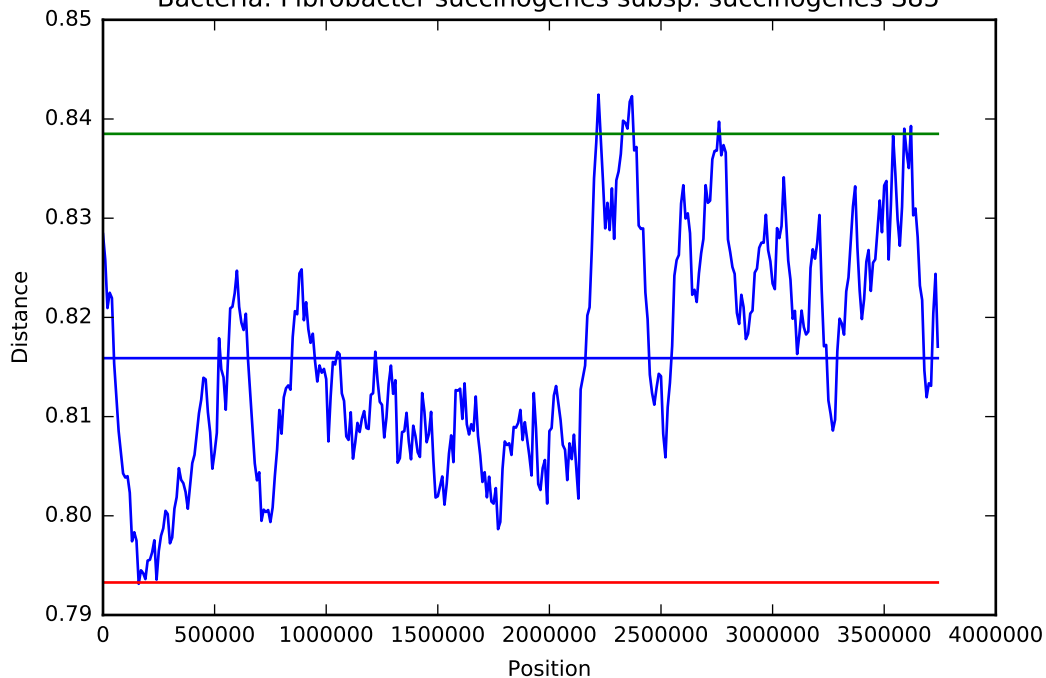
Bacteria: *Pedobacter heparinus* DSM 2366



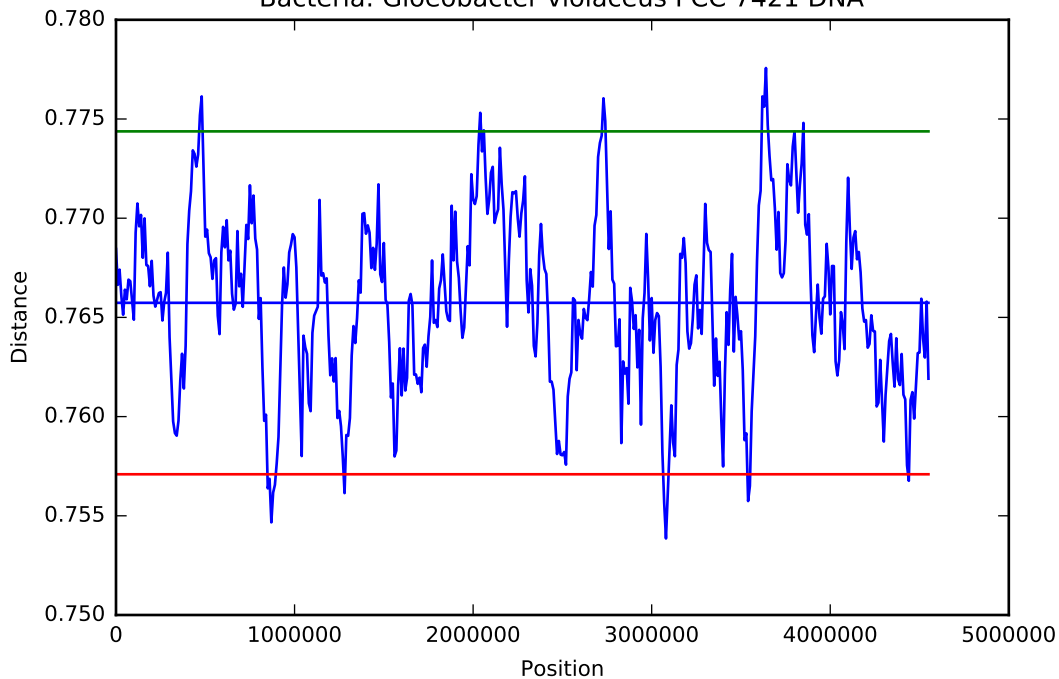
Archaea: Methanosphaera stadtmanae DSM 3091



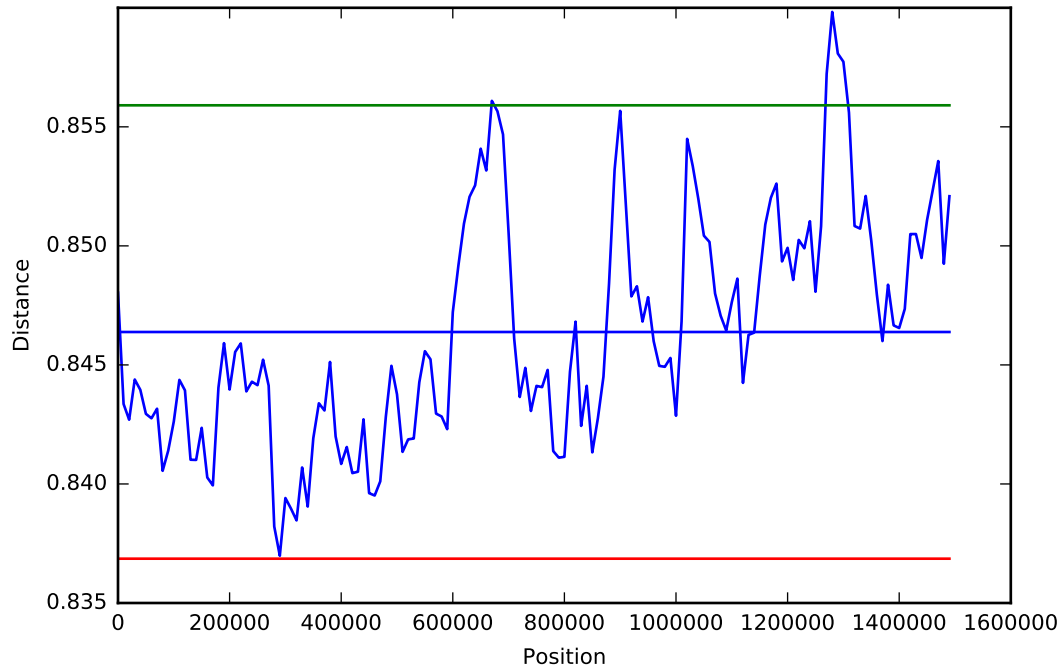
Bacteria: *Fibrobacter succinogenes* subsp. *succinogenes* S85



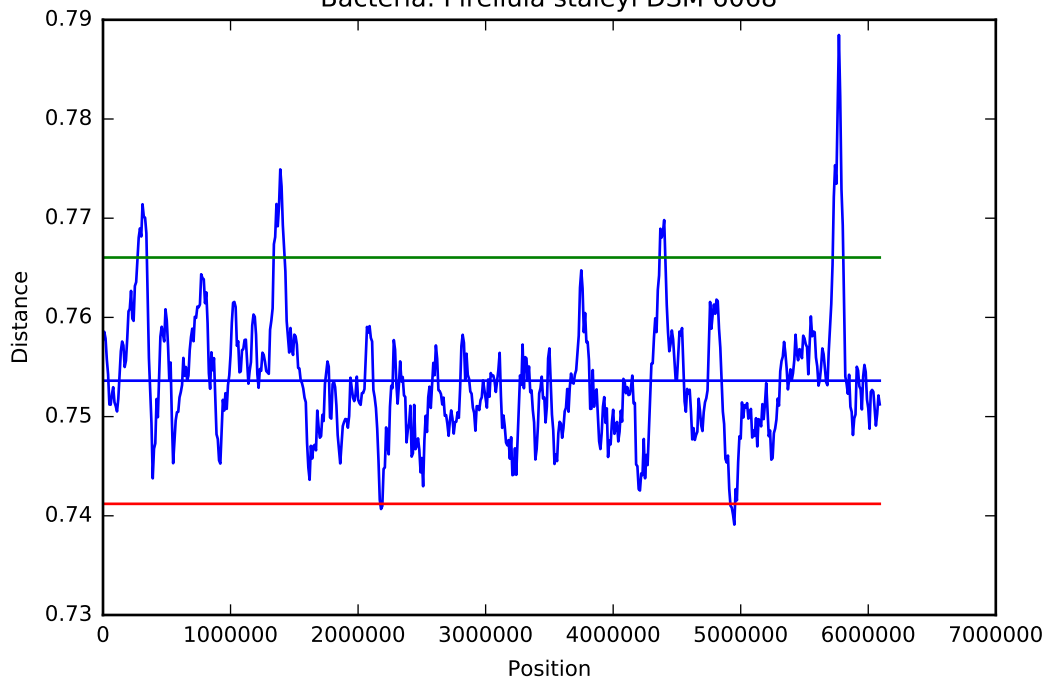
Bacteria: *Gloeobacter violaceus* PCC 7421 DNA



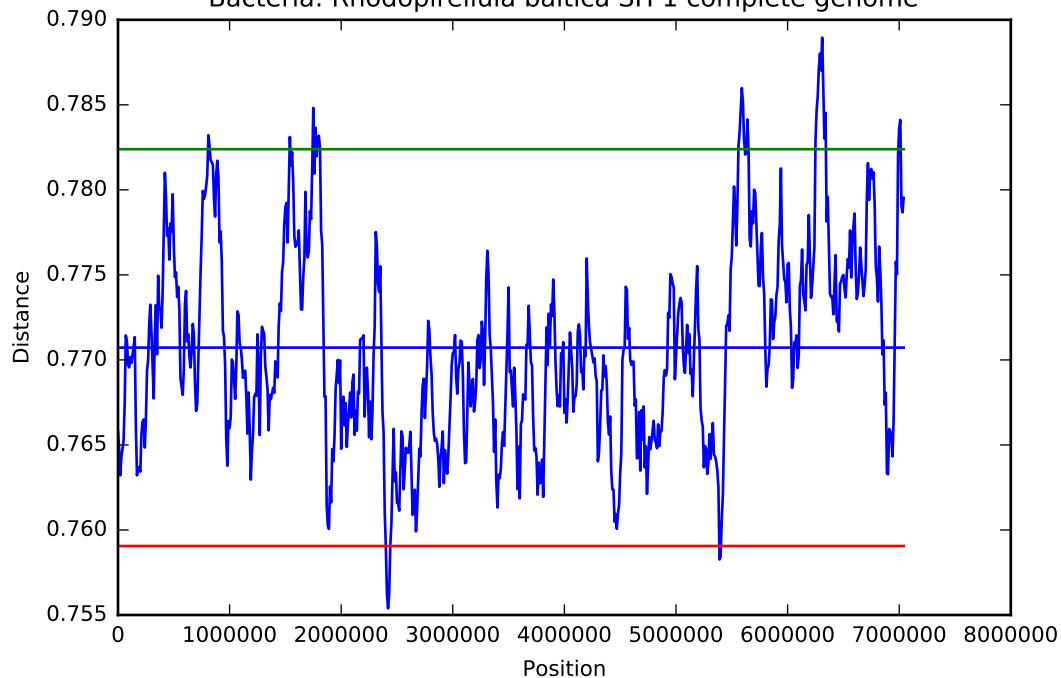
Bacteria: Aquifex aeolicus VF5 plasmid ece1



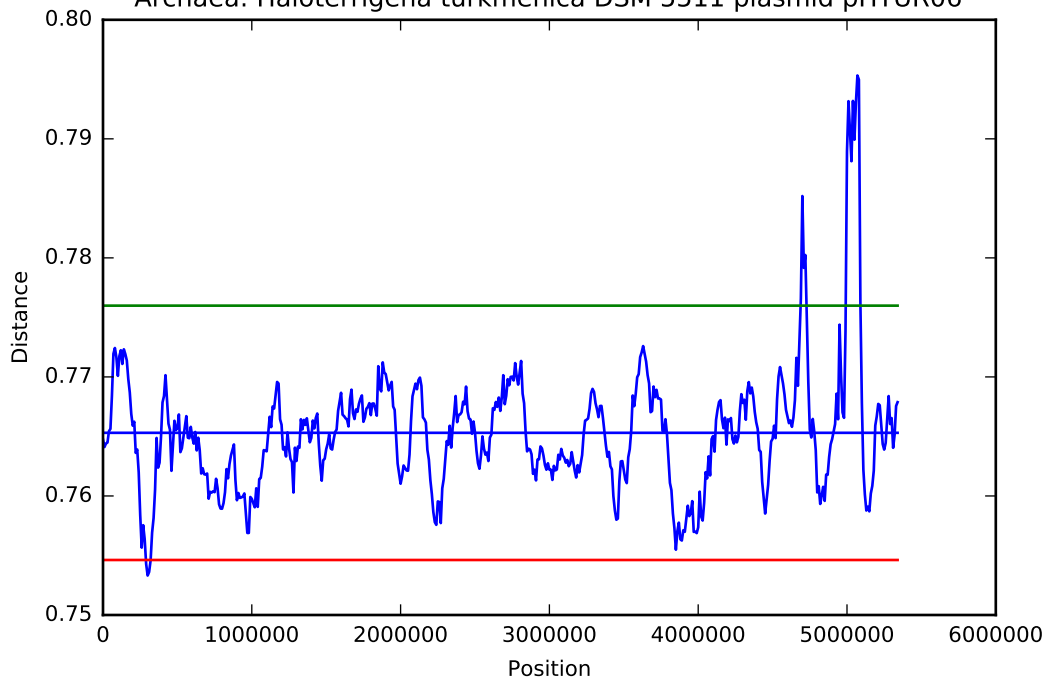
Bacteria: *Pirellula staleyi* DSM 6068



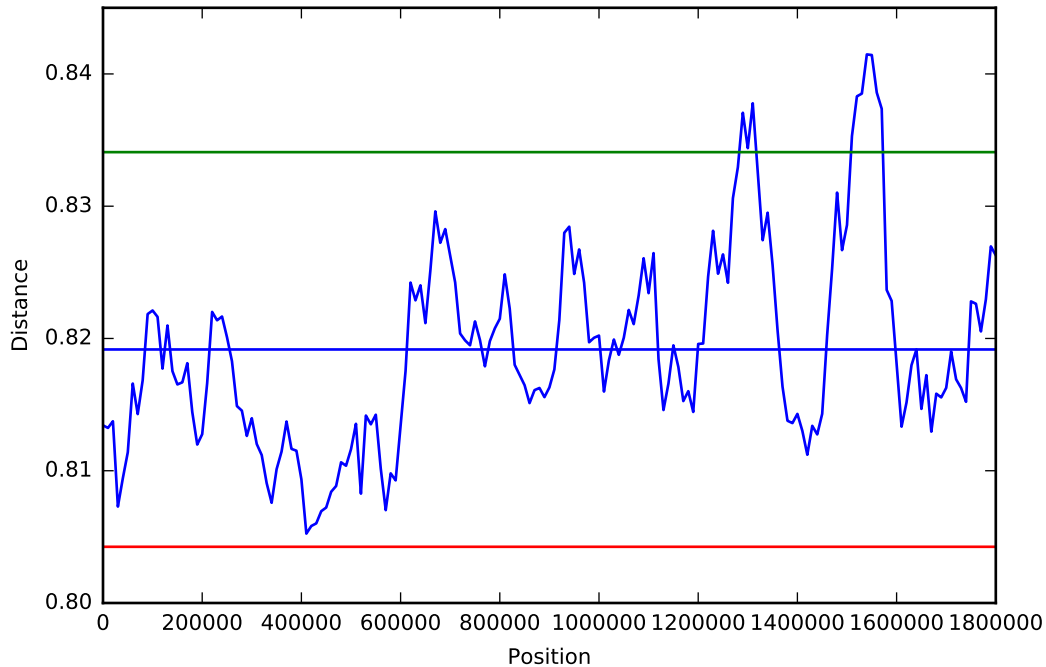
Bacteria: *Rhodopirellula baltica* SH 1 complete genome



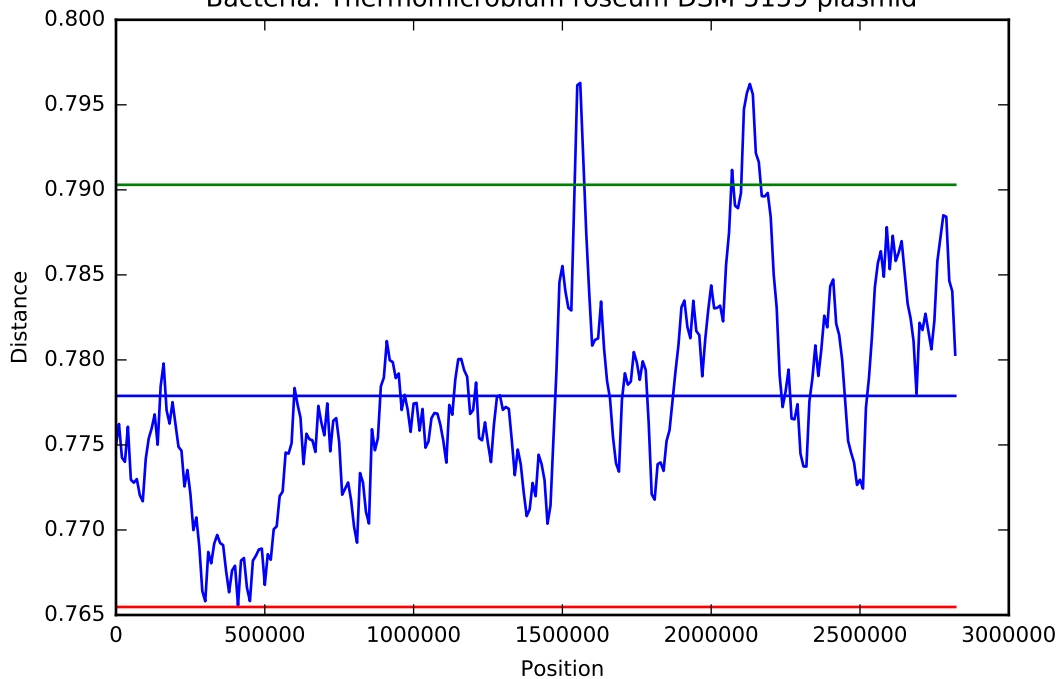
Archaea: Haloterrigena turkmenica DSM 5511 plasmid pHTUR06



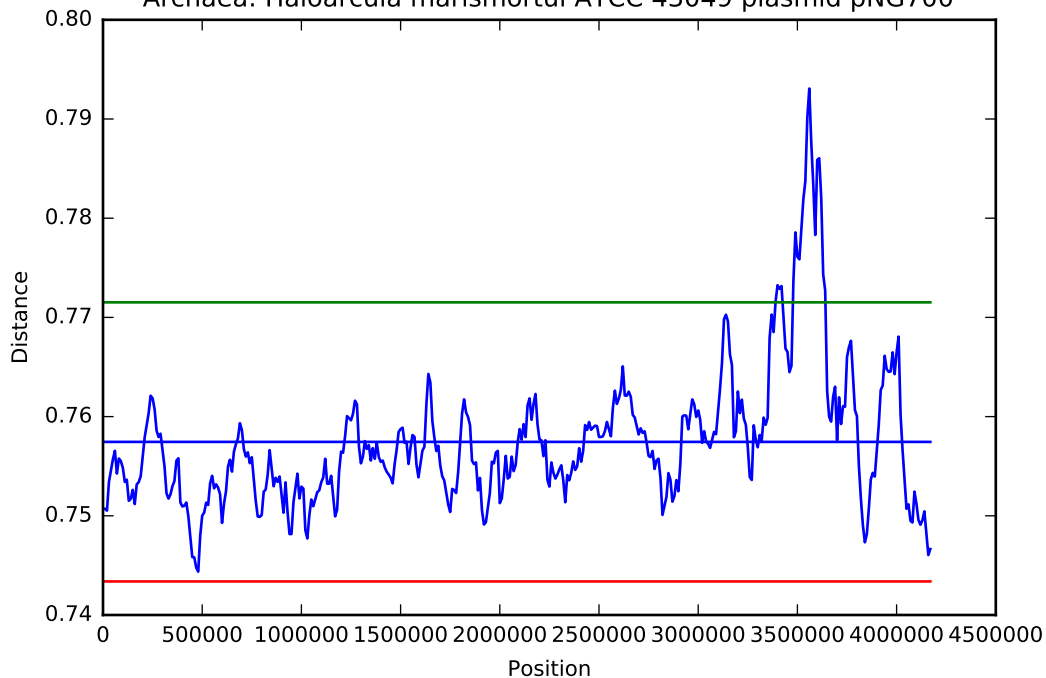
Archaea: *Pyrococcus furiosus* DSM 3638



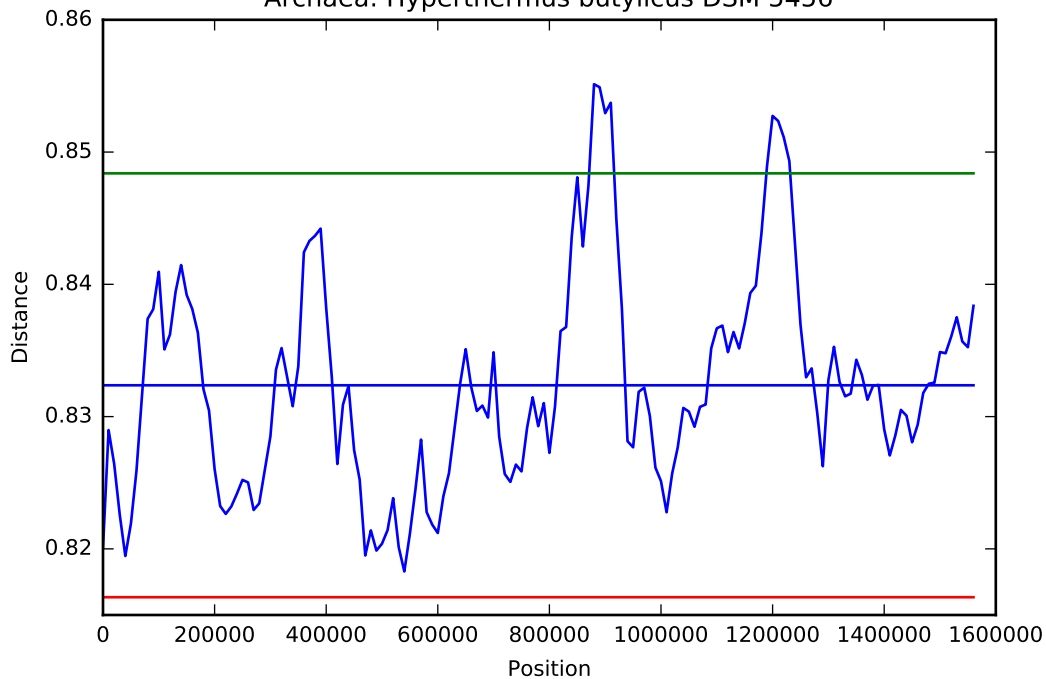
Bacteria: *Thermomicrobium roseum* DSM 5159 plasmid



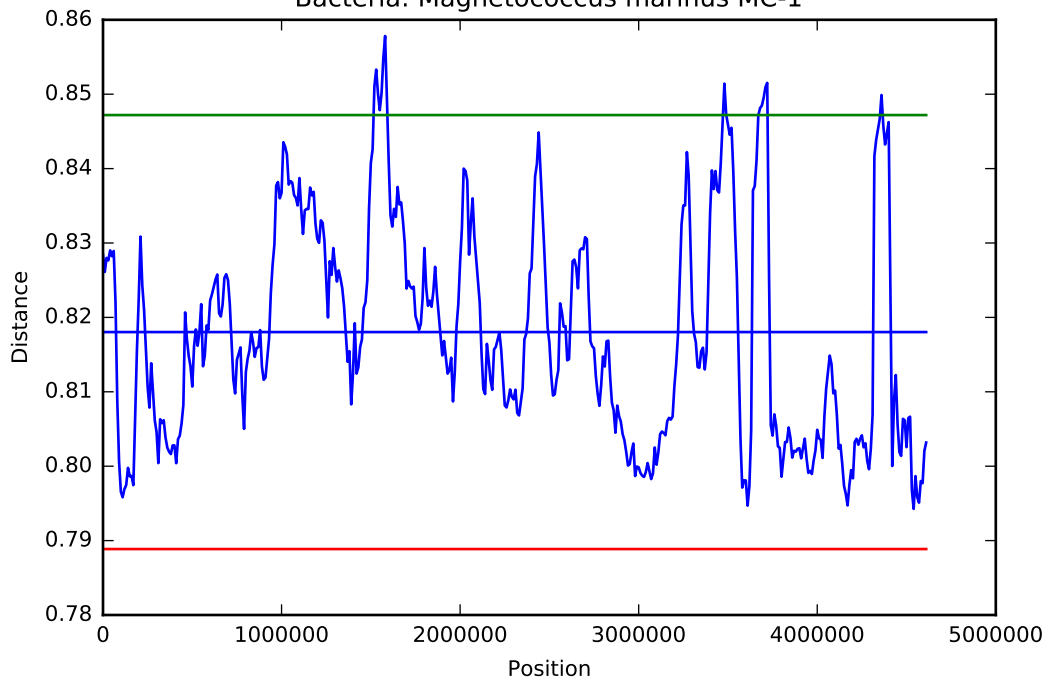
Archaea: *Haloarcula marismortui* ATCC 43049 plasmid pNG700



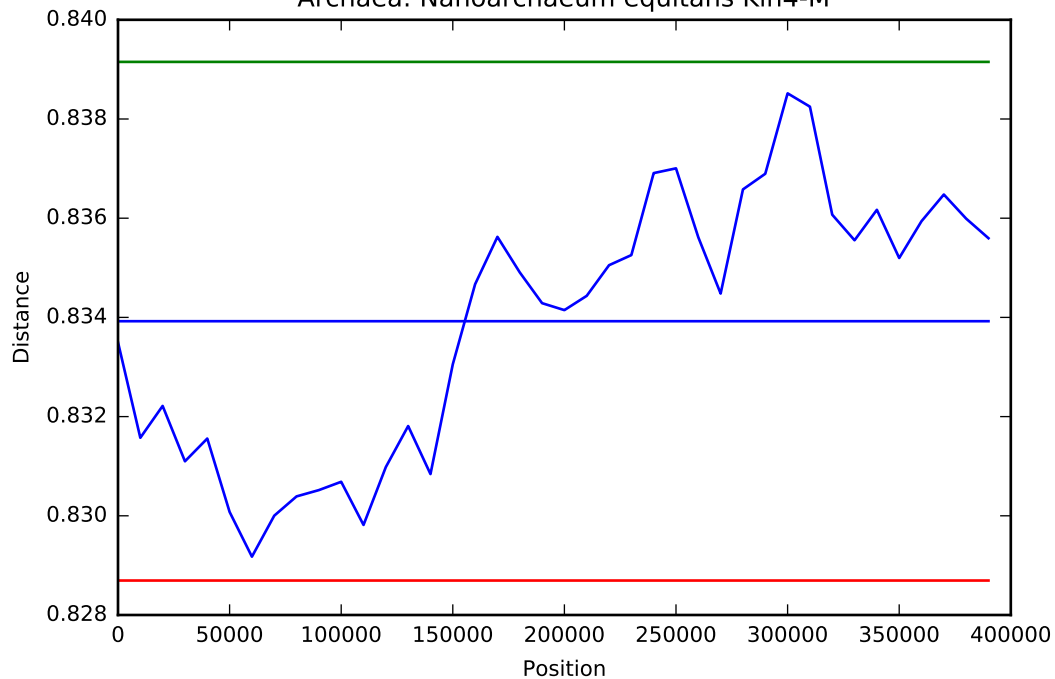
Archaea: *Hyperthermus butylicus* DSM 5456



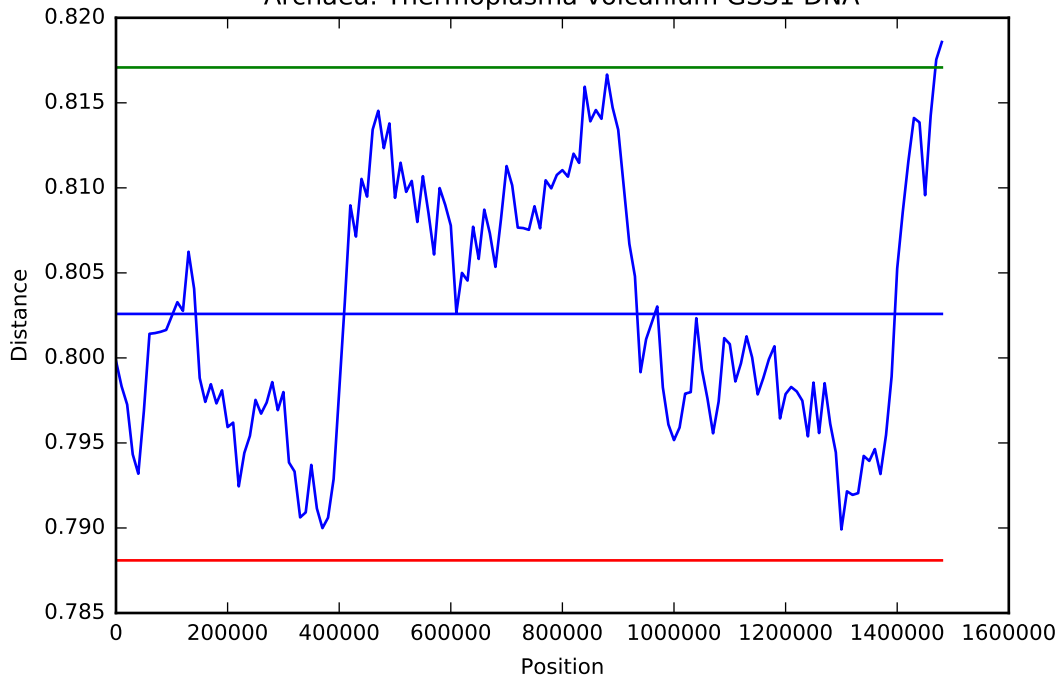
Bacteria: *Magnetococcus marinus* MC-1



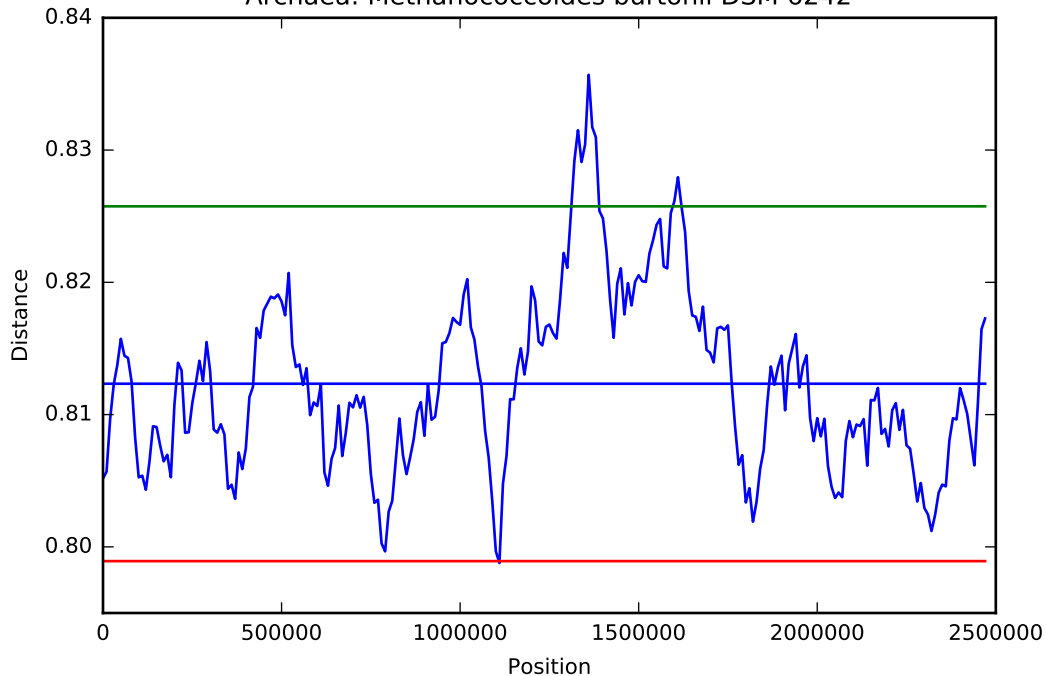
Archaea: Nanoarchaeum equitans Kin4-M



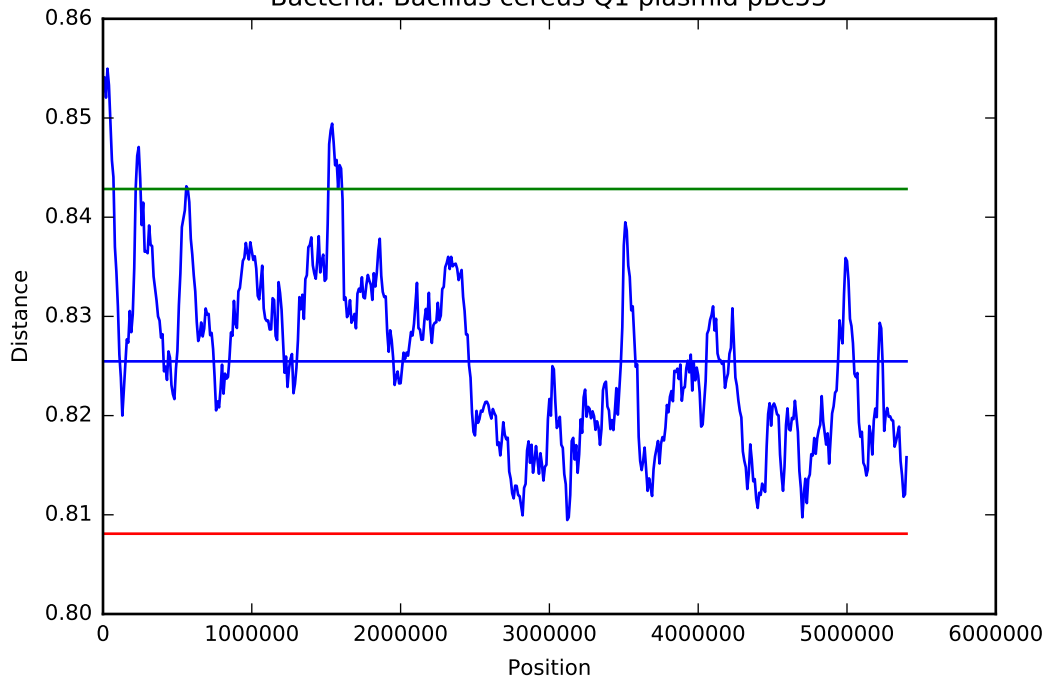
Archaea: *Thermoplasma volcanium* GSS1 DNA



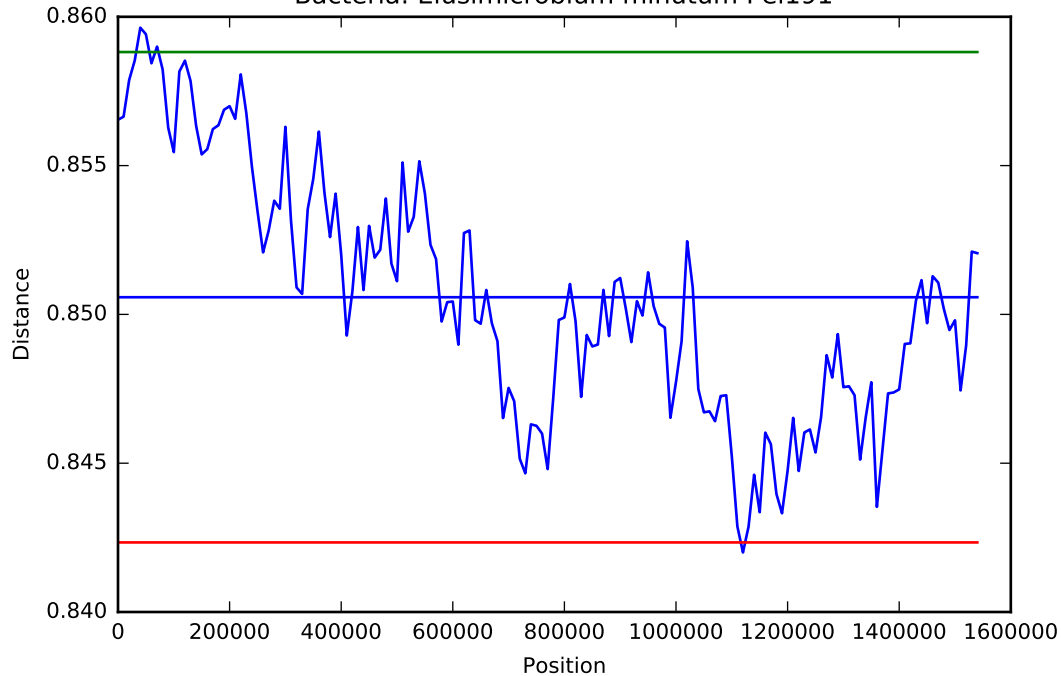
Archaea: Methanococcoides burtonii DSM 6242



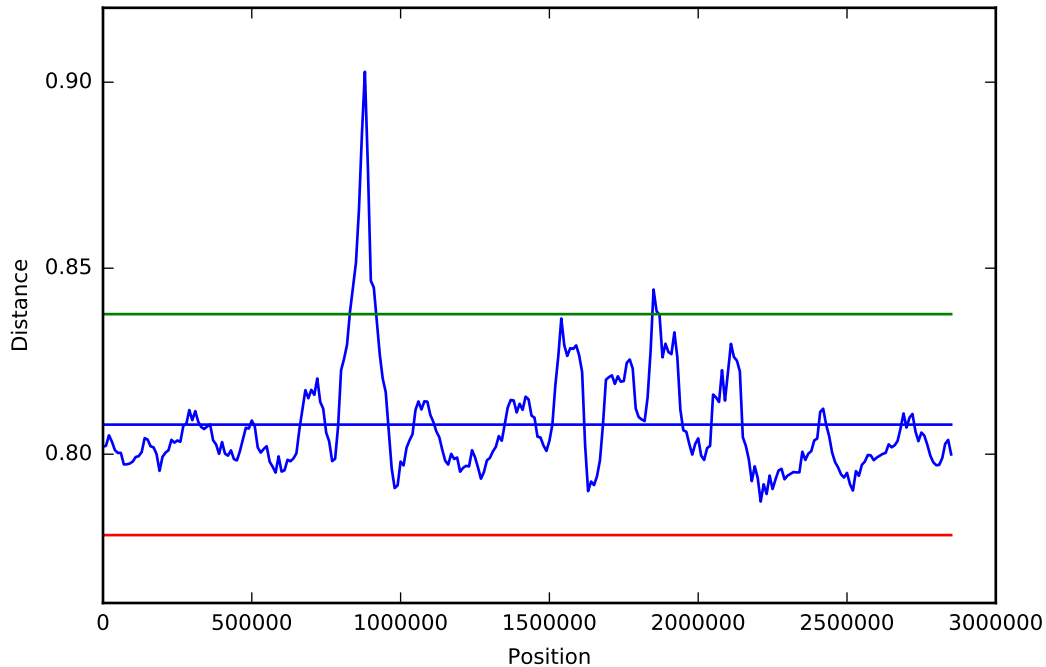
Bacteria: *Bacillus cereus* Q1 plasmid pBc53



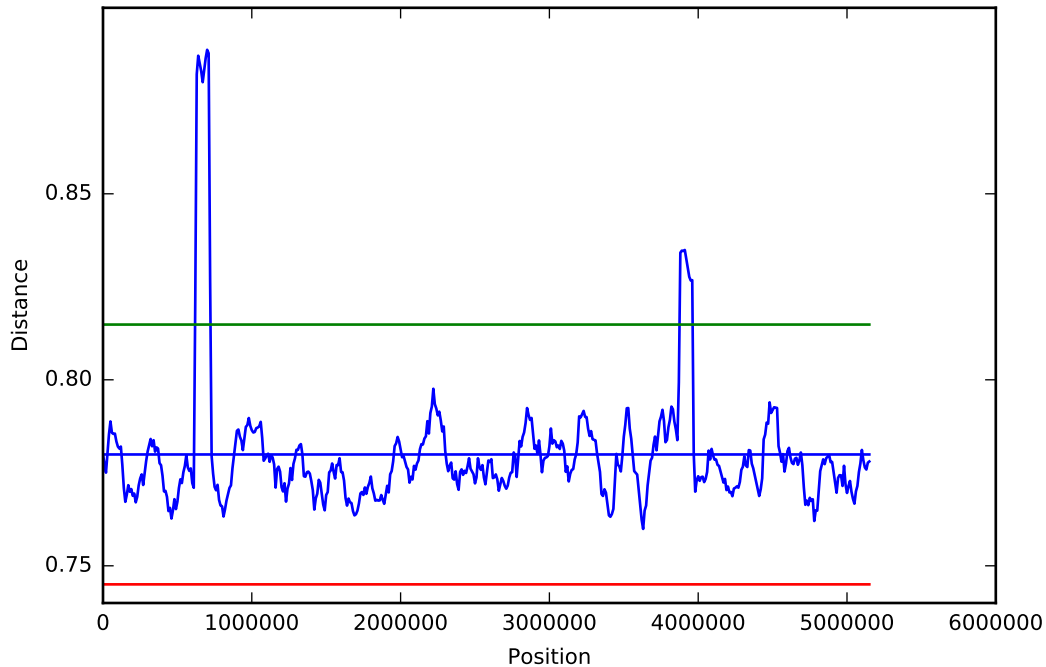
Bacteria: *Elusimicrobium minutum* Pei191



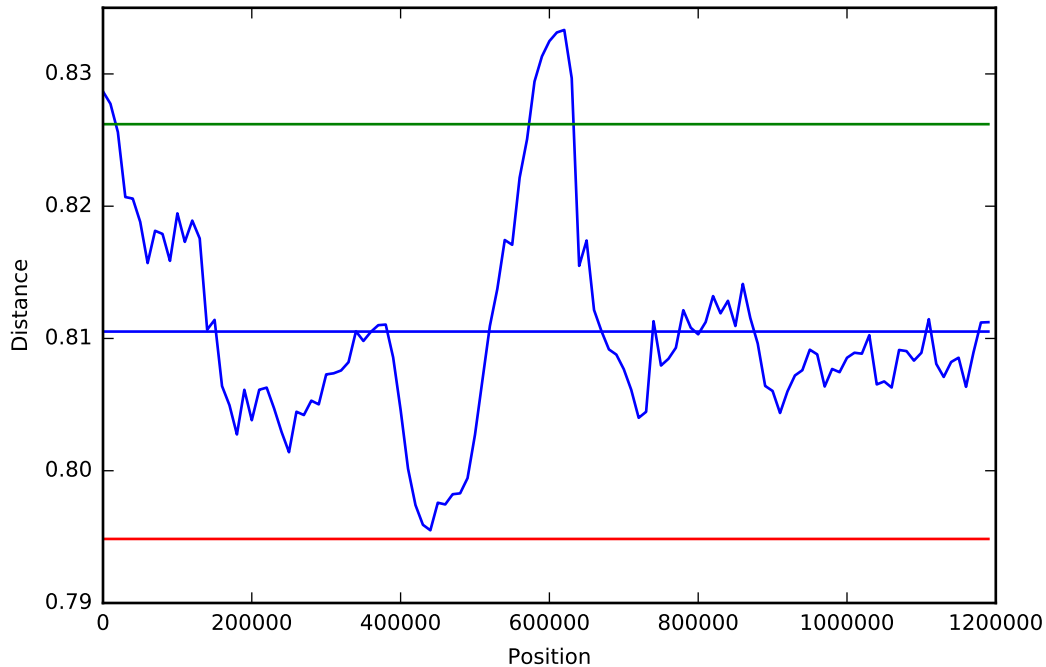
Archaea: Methanocella paludicola SANA E DNA



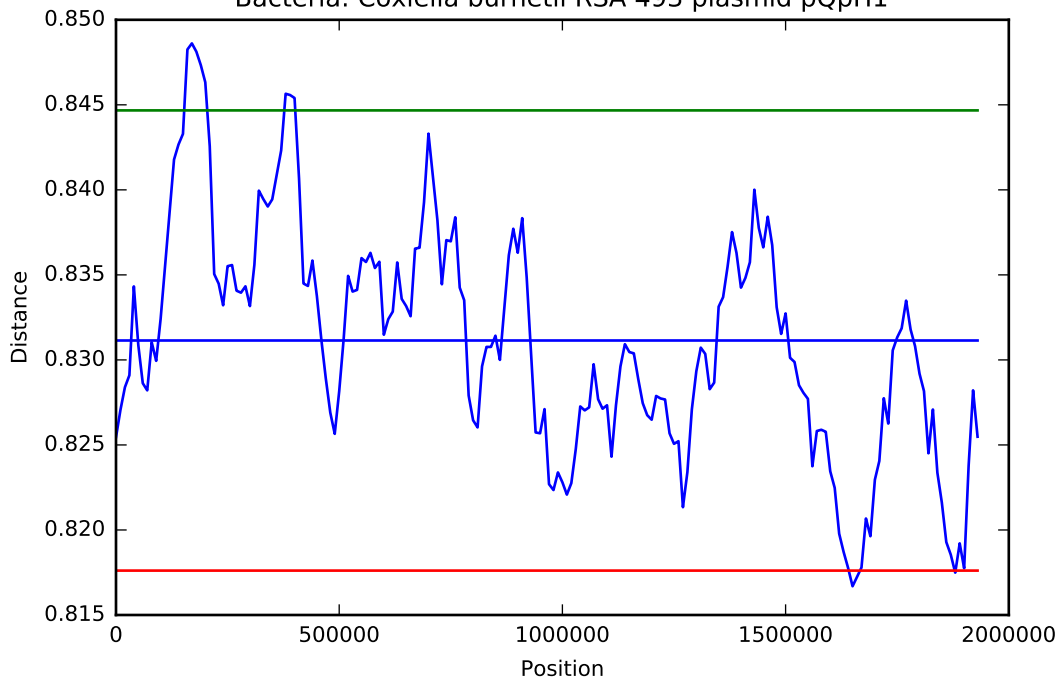
Bacteria: *Chloroflexus aurantiacus* J-10-fl



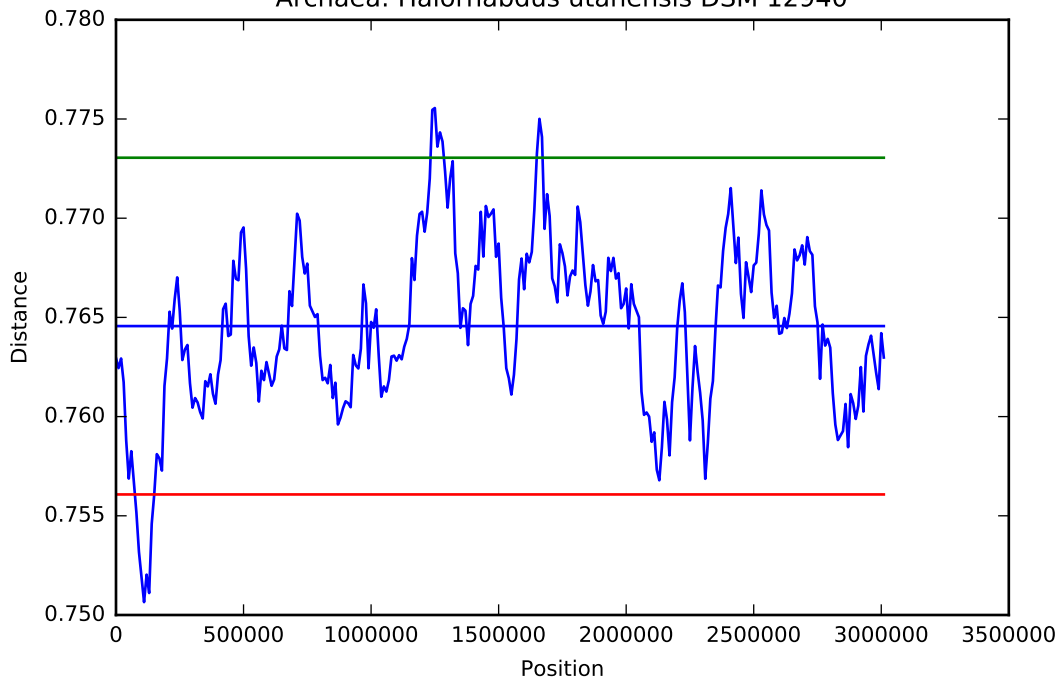
Archaea: *Ignicoccus hospitalis* KIN4/I



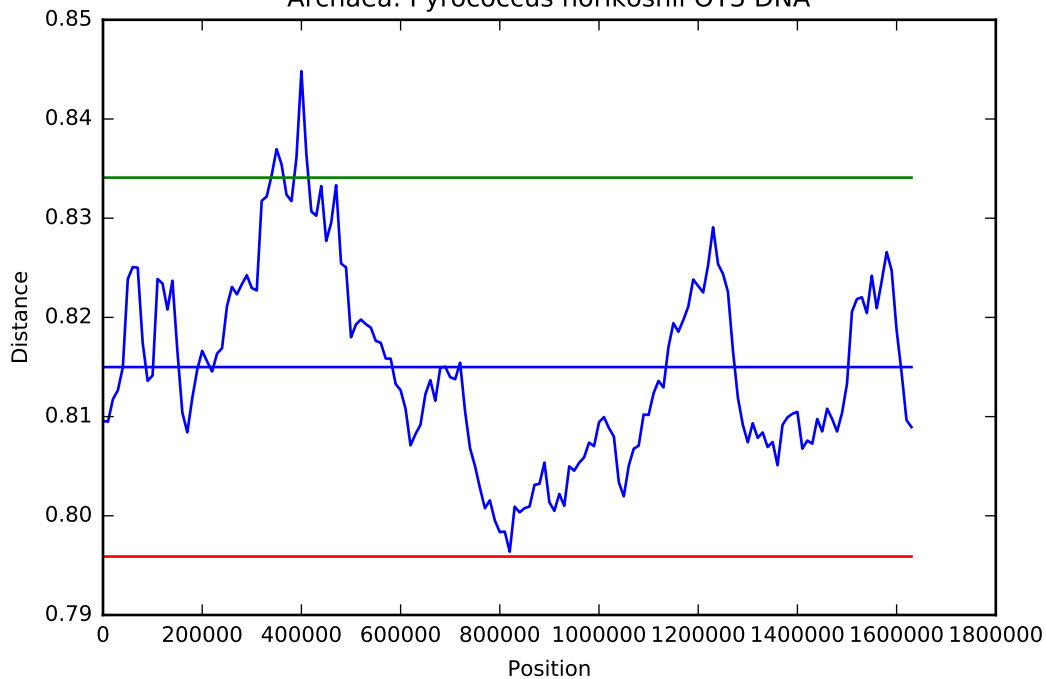
Bacteria: *Coxiella burnetii* RSA 493 plasmid pQpH1



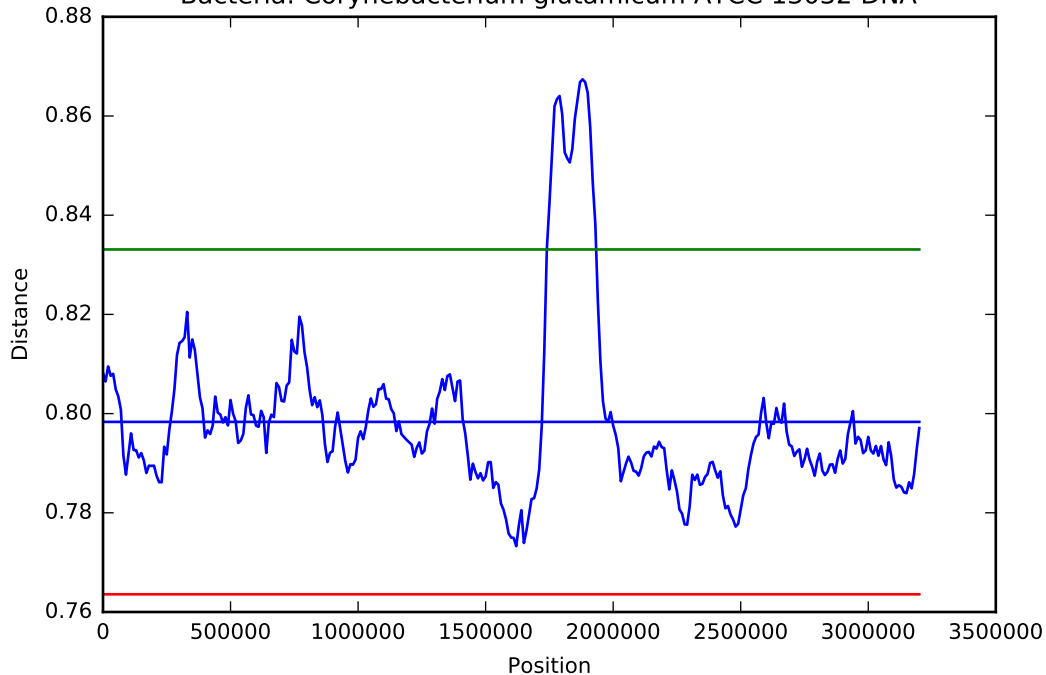
Archaea: Halorhabdus utahensis DSM 12940



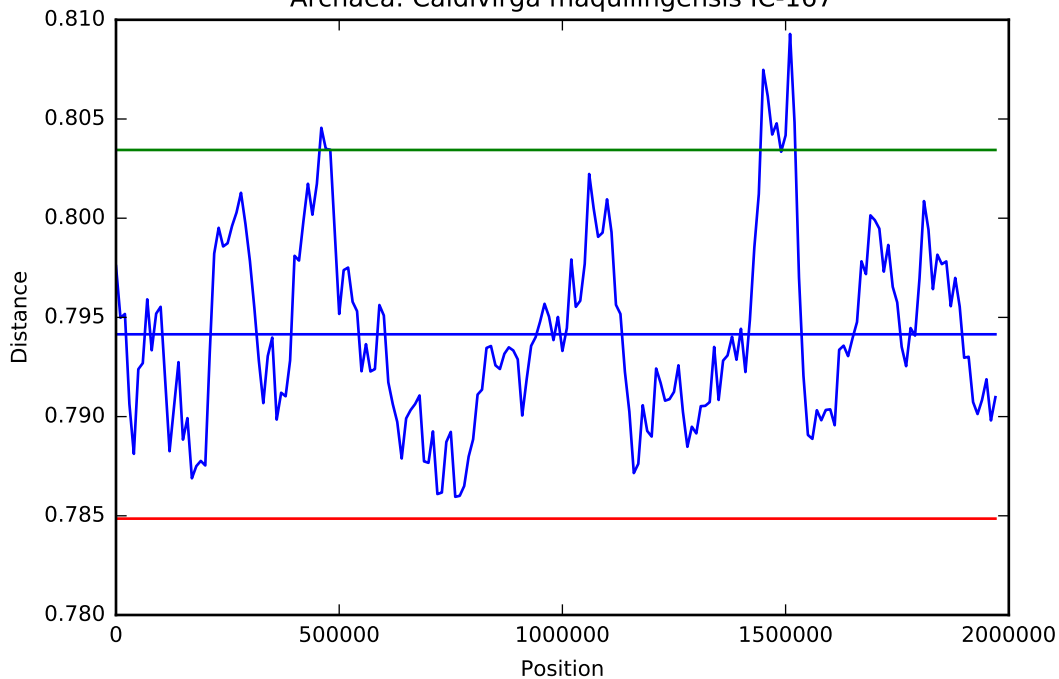
Archaea: *Pyrococcus horikoshii* OT3 DNA



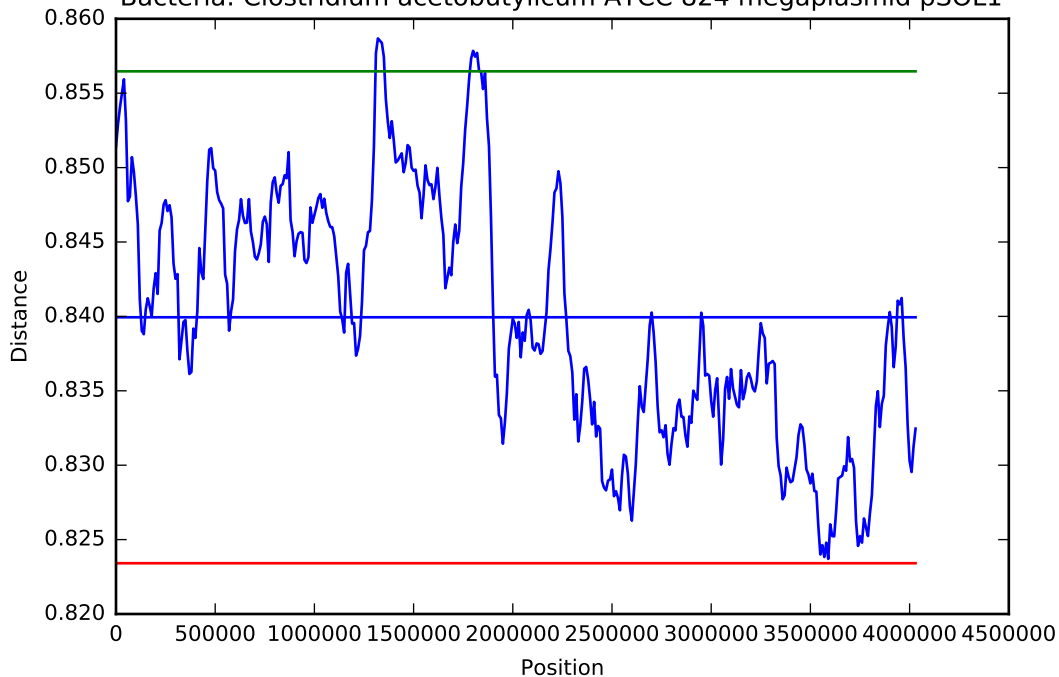
Bacteria: *Corynebacterium glutamicum* ATCC 13032 DNA



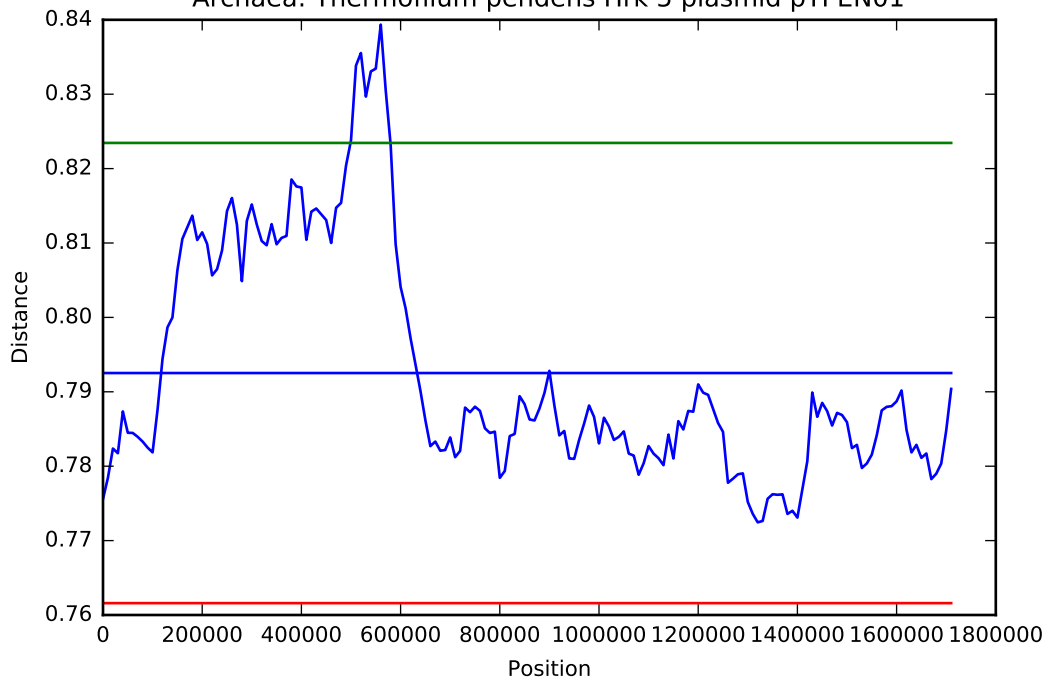
Archaea: *Caldivirga maquilingensis* IC-167



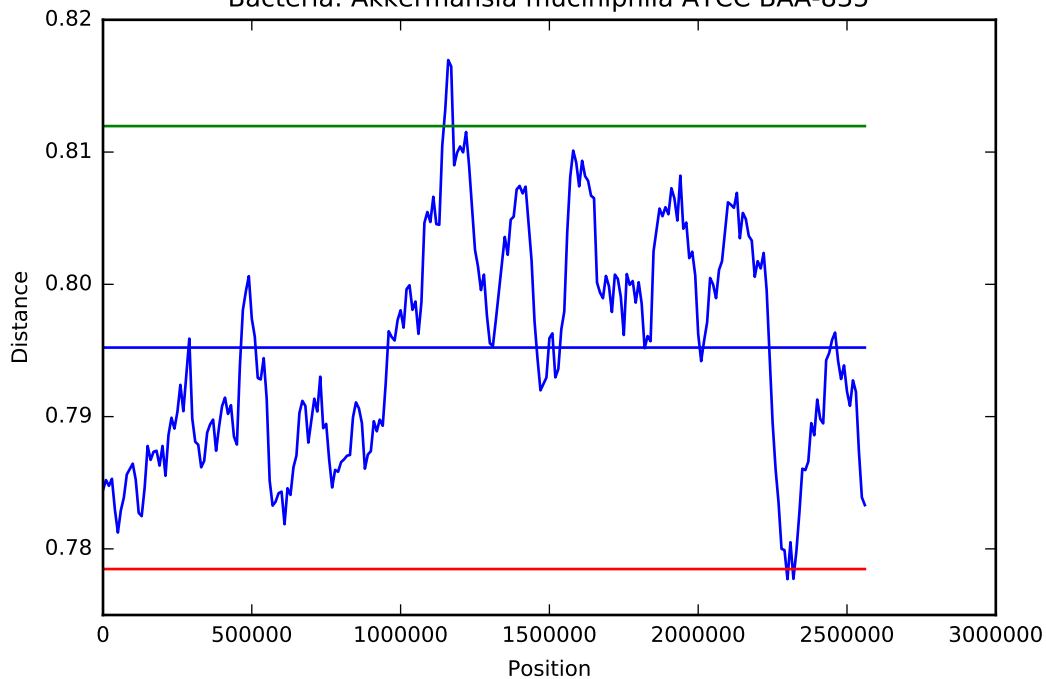
Bacteria: *Clostridium acetobutylicum* ATCC 824 megaplasmid pSOL1



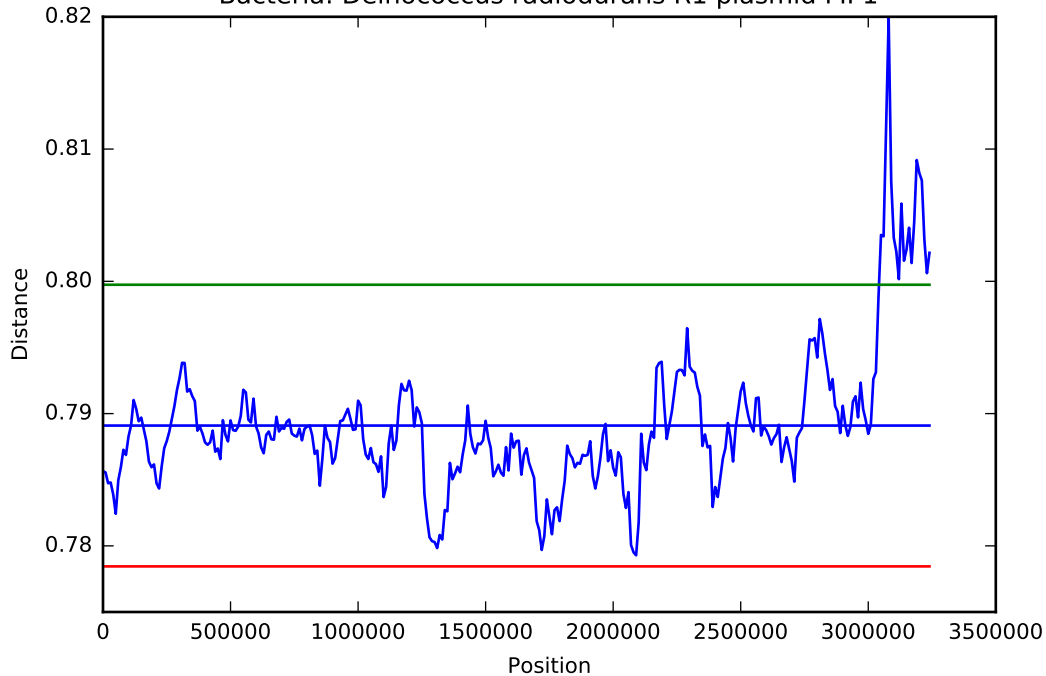
Archaea: *Thermophilum pendens* Hrk 5 plasmid pTPEN01



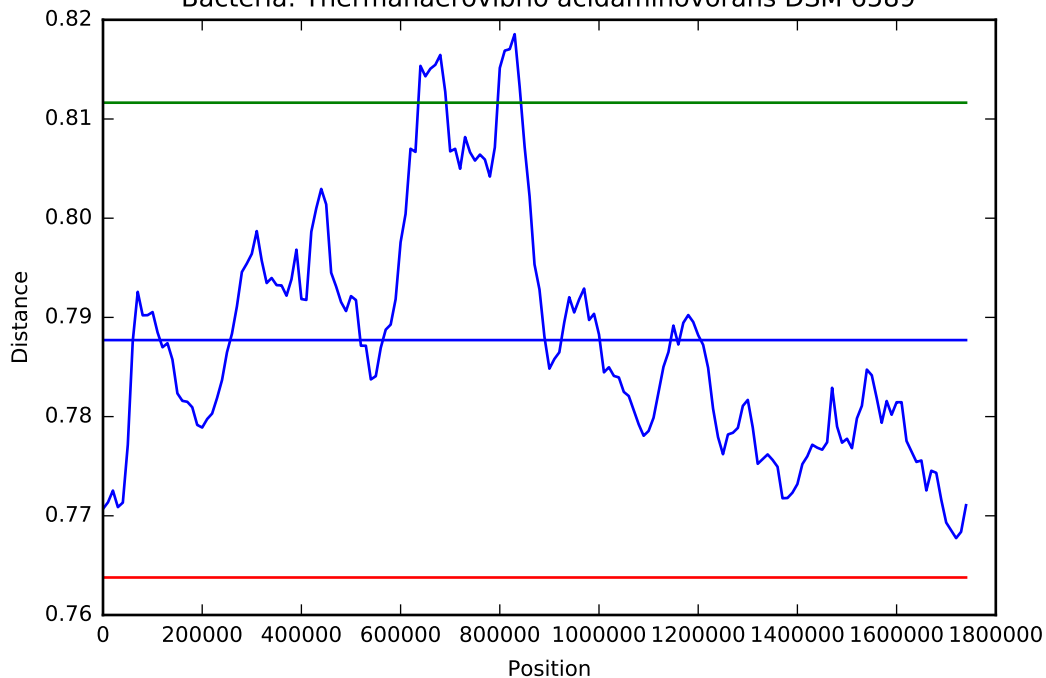
Bacteria: *Akkermansia muciniphila* ATCC BAA-835



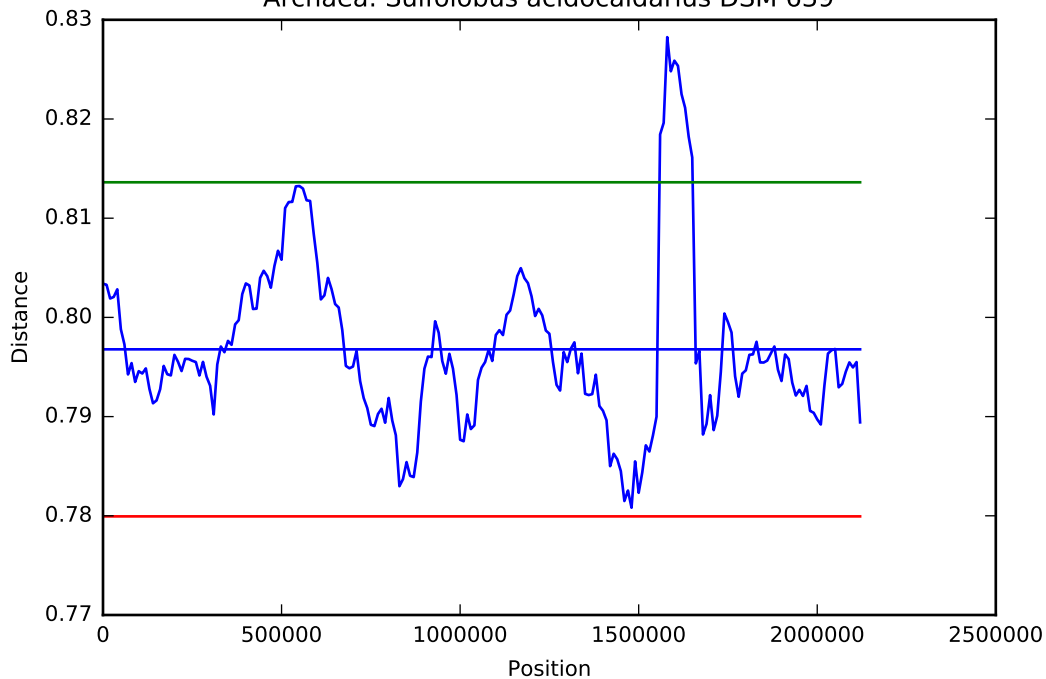
Bacteria: *Deinococcus radiodurans* R1 plasmid MP1



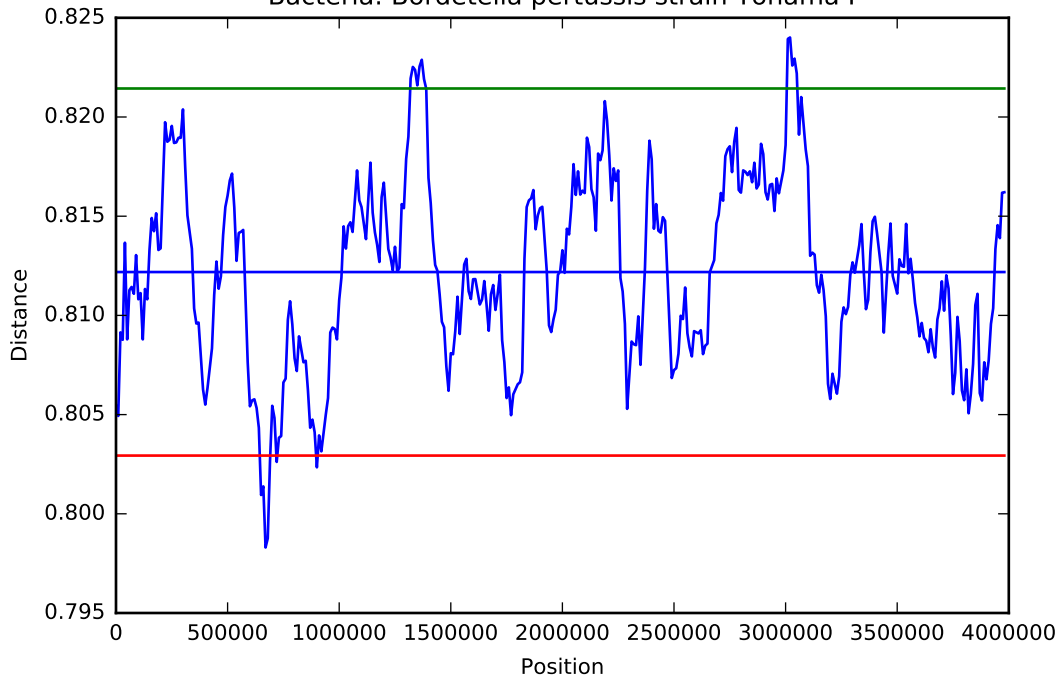
Bacteria: *Thermanaerovibrio acidaminovorans* DSM 6589



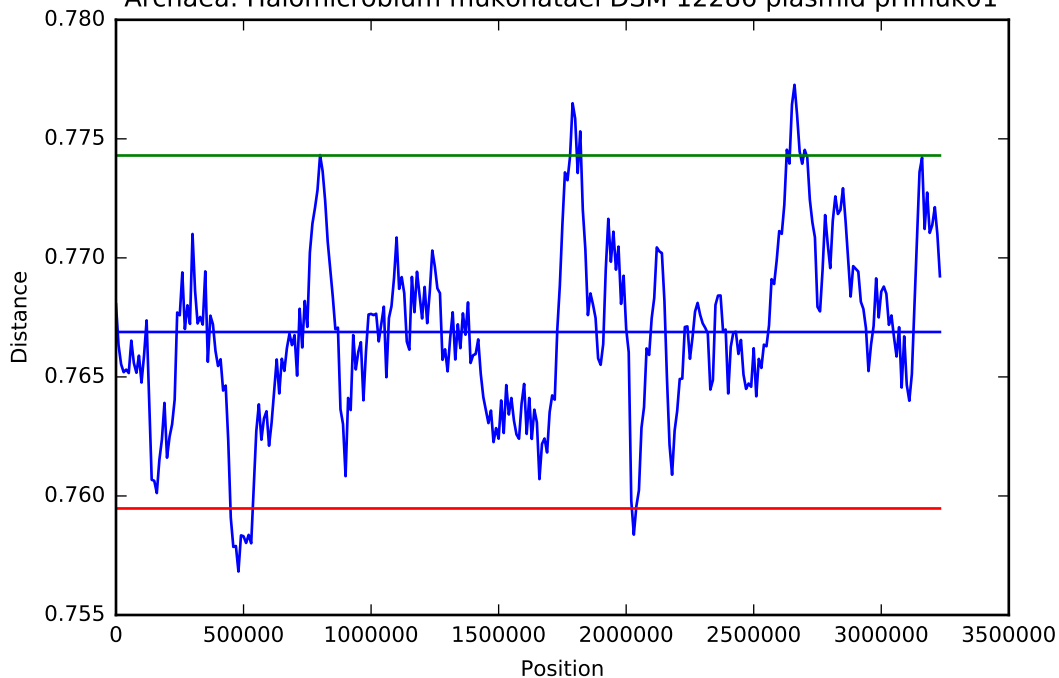
Archaea: *Sulfolobus acidocaldarius* DSM 639



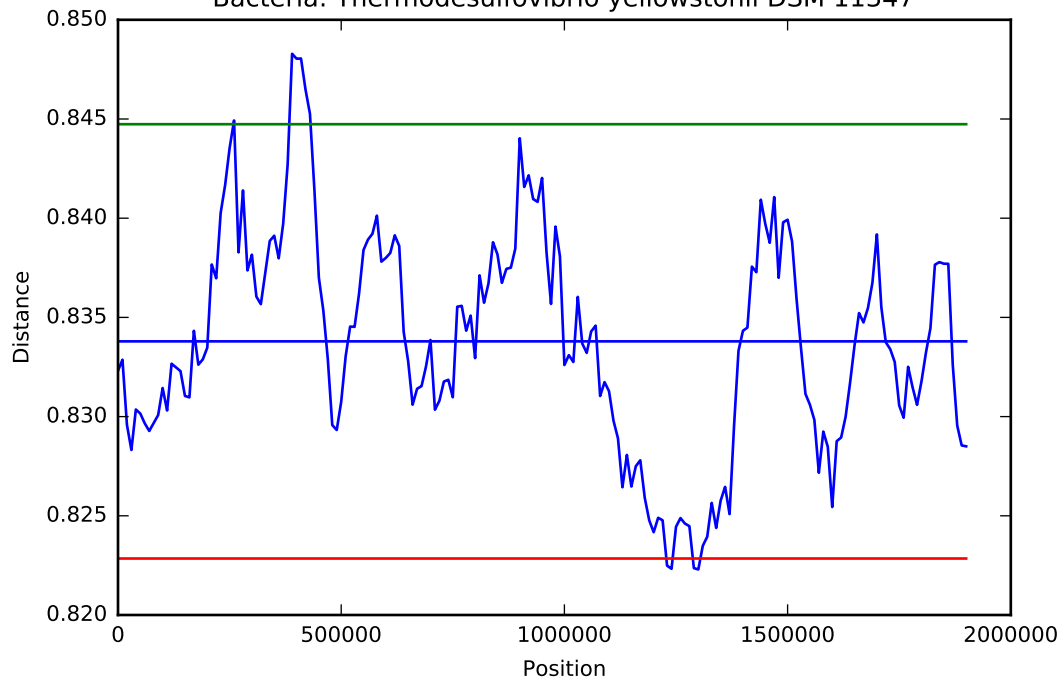
Bacteria: *Bordetella pertussis* strain Tohama I



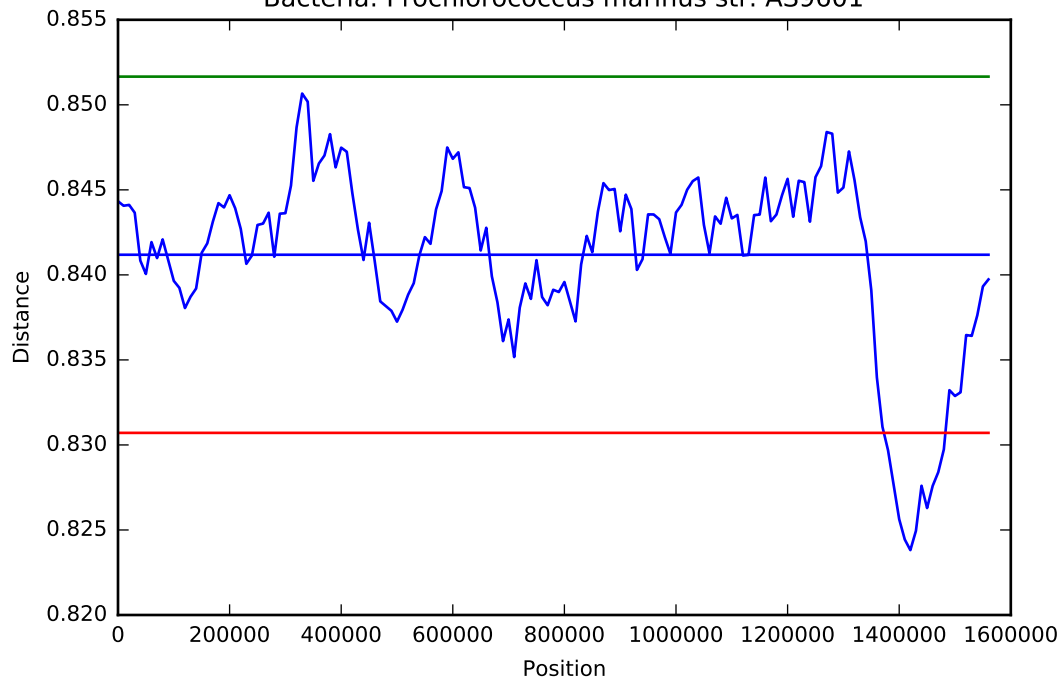
Archaea: *Halomicrobium mukohataei* DSM 12286 plasmid pHmuk01



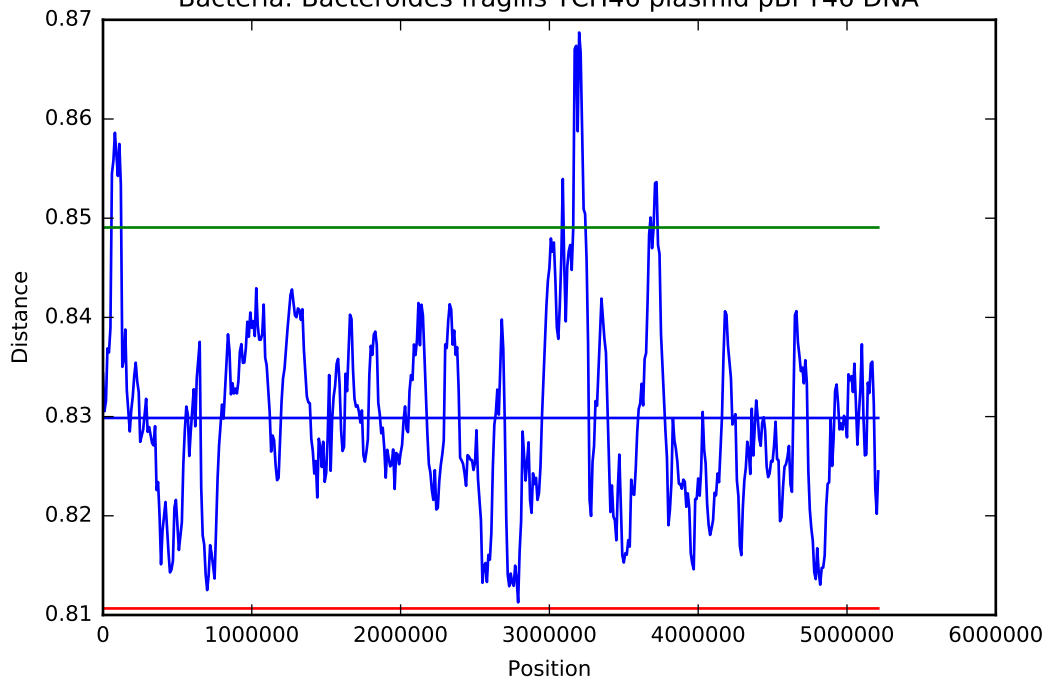
Bacteria: *Thermodesulfovibrio yellowstonii* DSM 11347



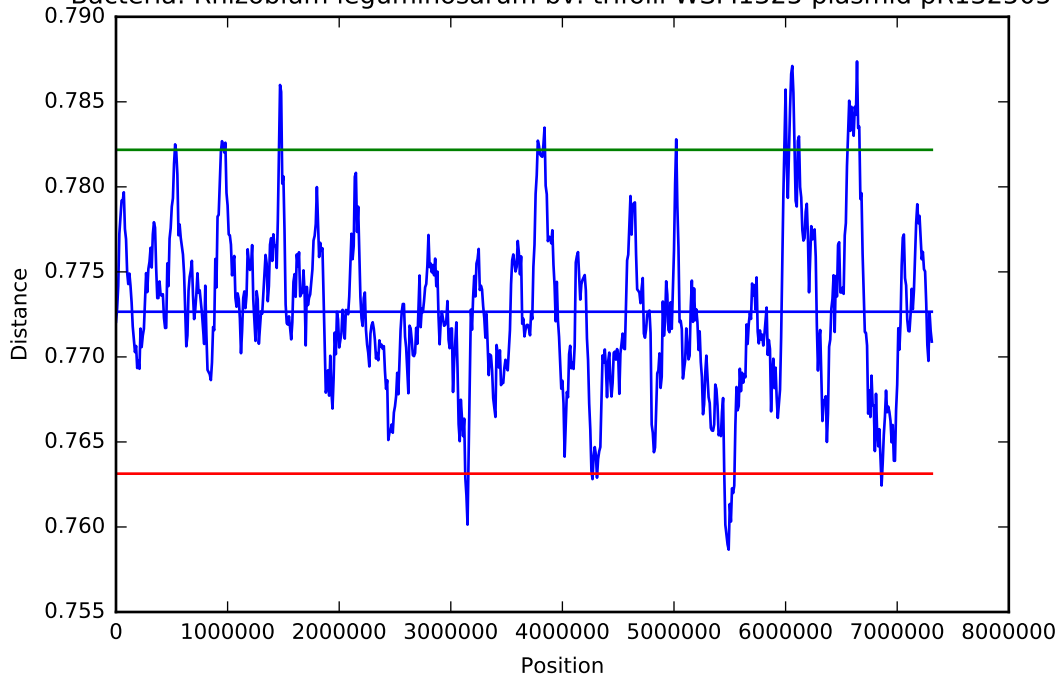
Bacteria: *Prochlorococcus marinus* str. AS9601



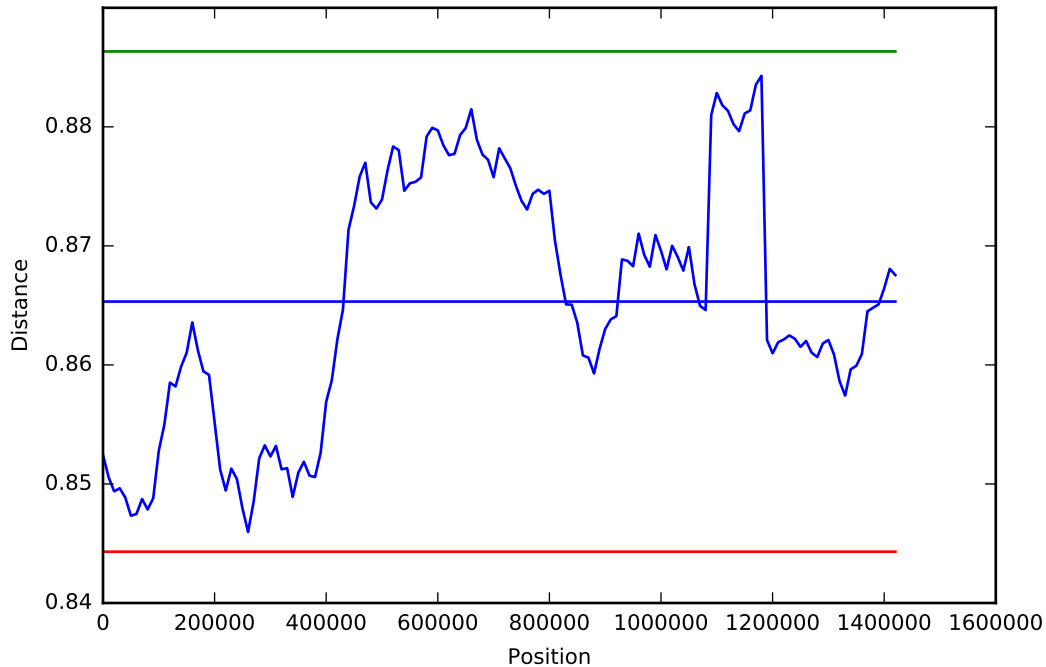
Bacteria: Bacteroides fragilis YCH46 plasmid pBFY46 DNA



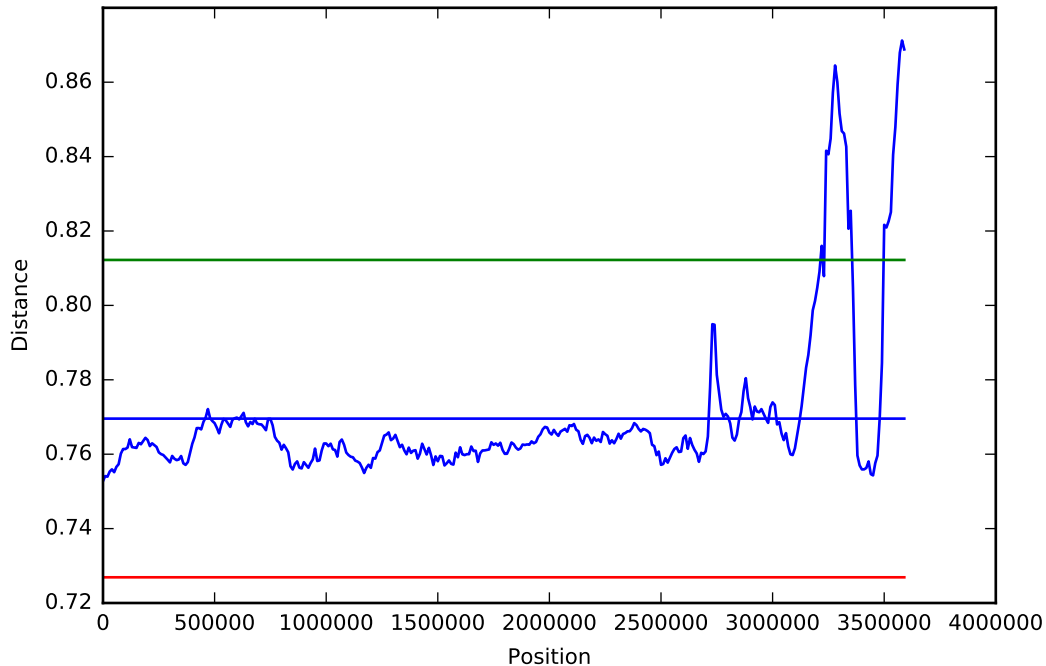
Bacteria: *Rhizobium leguminosarum* bv. *trifolii* WSM1325 plasmid pR132505



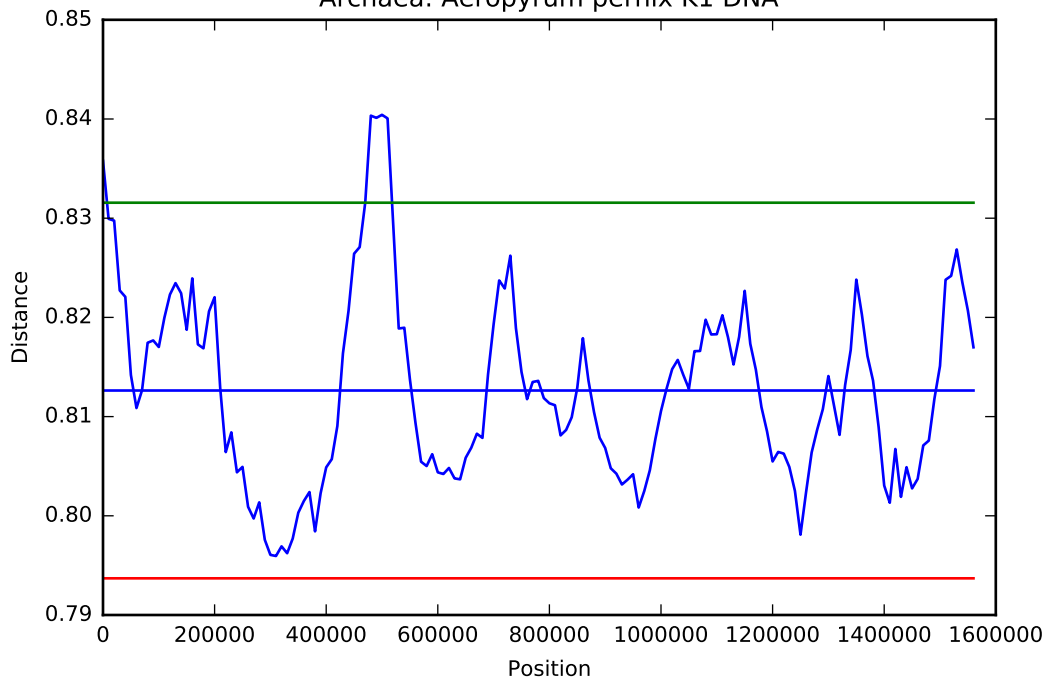
Bacteria: *Borrelia burgdorferi* B31 plasmid lp56



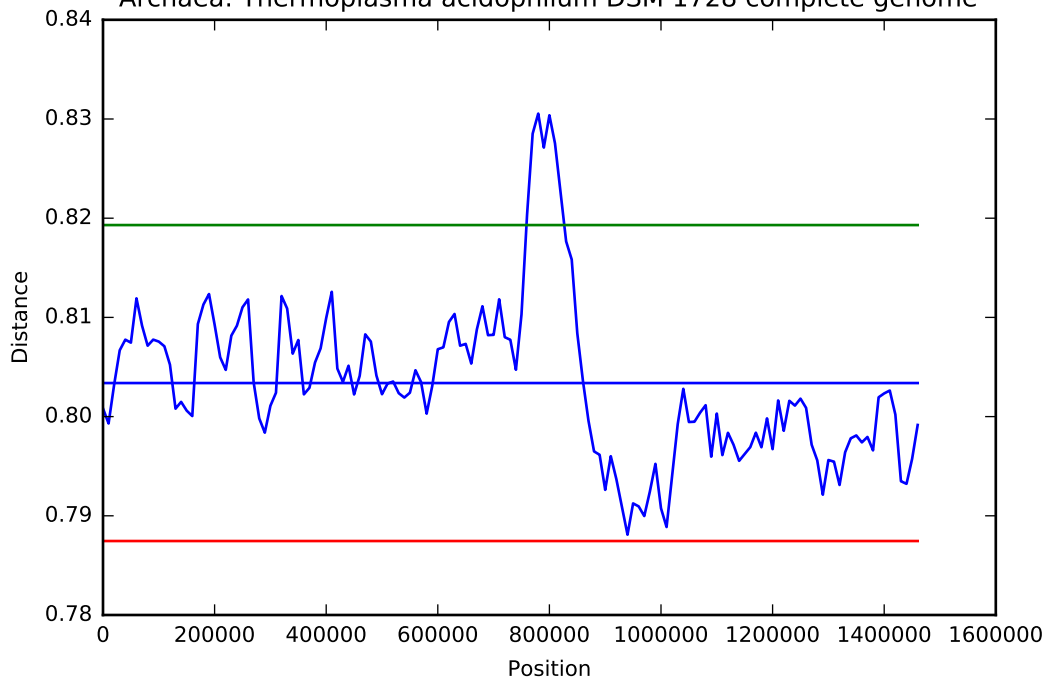
Archaea: Halorubrum lacusprofundi ATCC 49239 plasmid pHLAC01



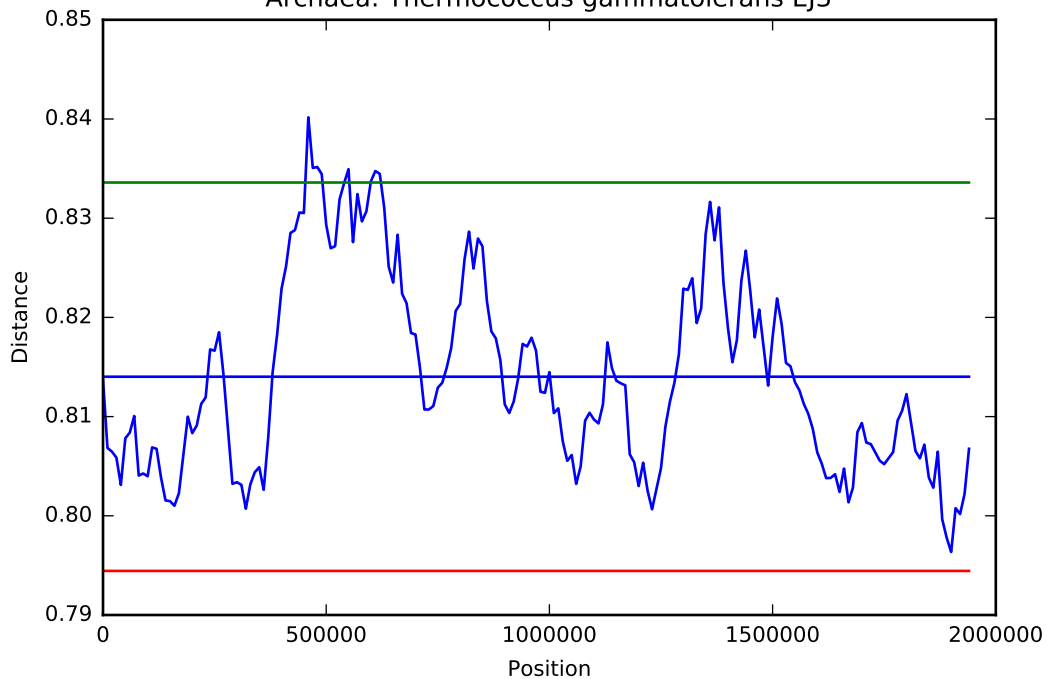
Archaea: *Aeropyrum pernix* K1 DNA



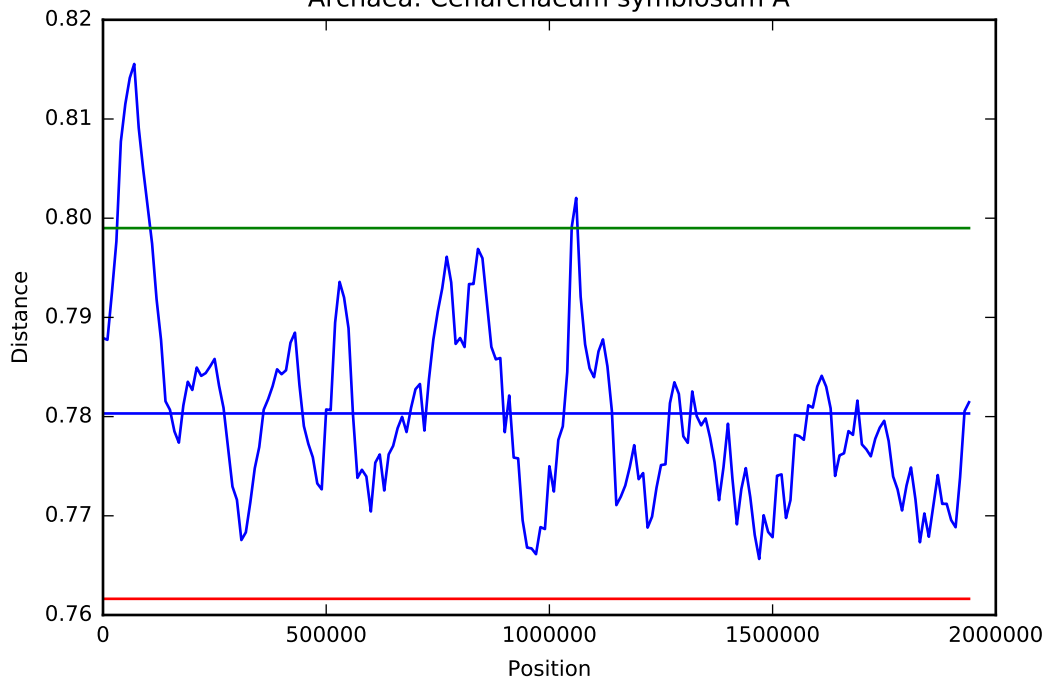
Archaea: *Thermoplasma acidophilum* DSM 1728 complete genome



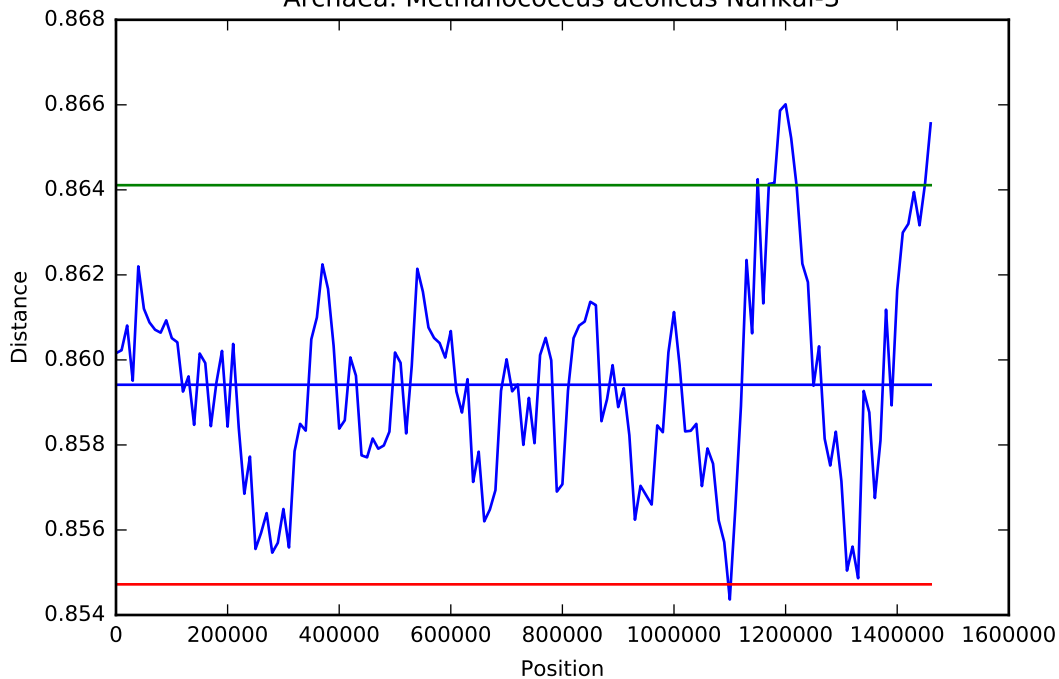
Archaea: *Thermococcus gammatolerans* EJ3



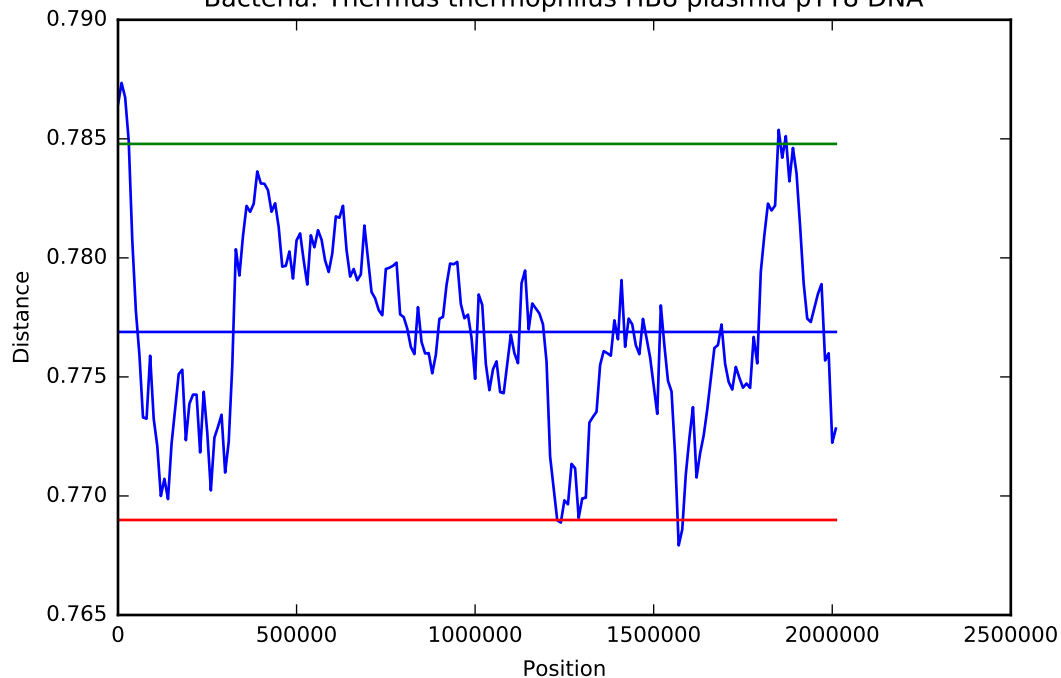
Archaea: *Cenarchaeum symbiosum* A



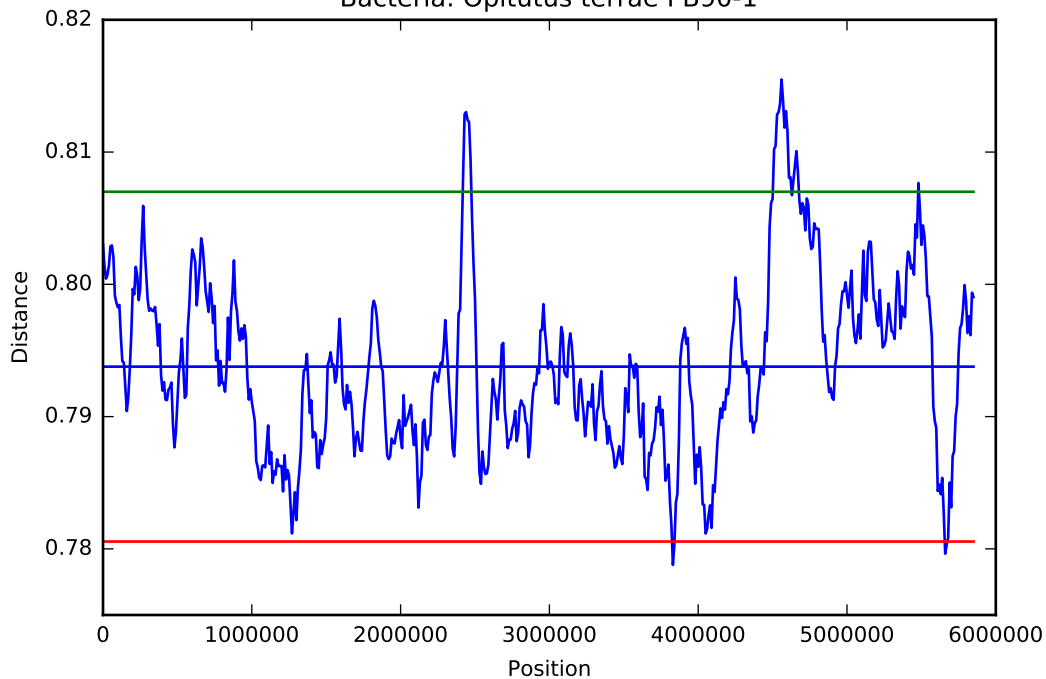
Archaea: Methanococcus aeolicus Nankai-3



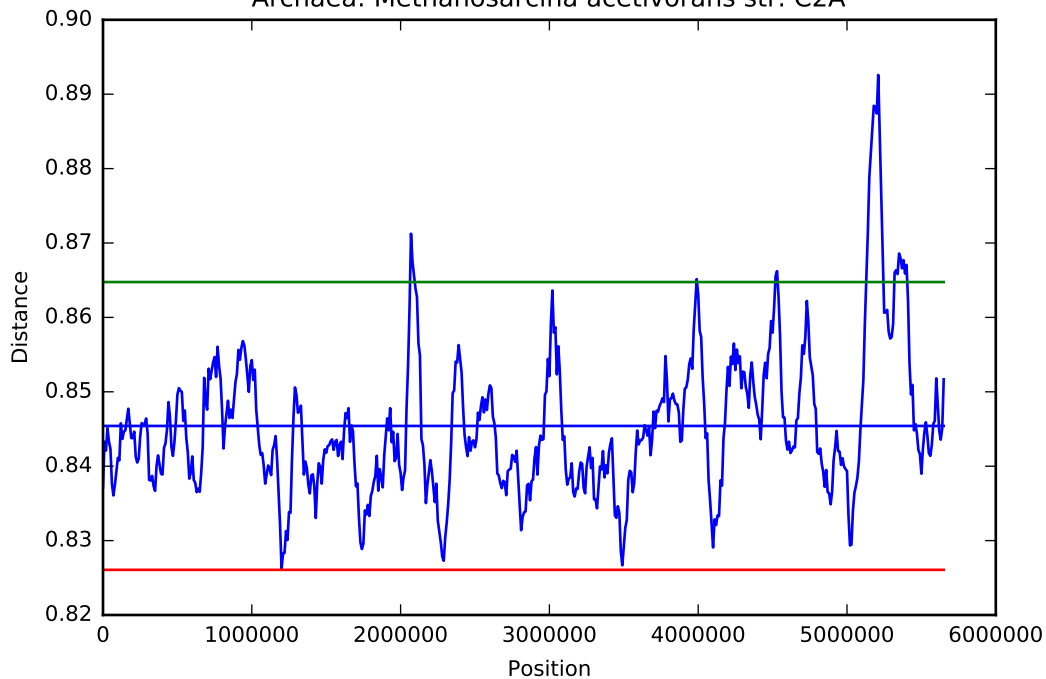
Bacteria: *Thermus thermophilus* HB8 plasmid pTT8 DNA



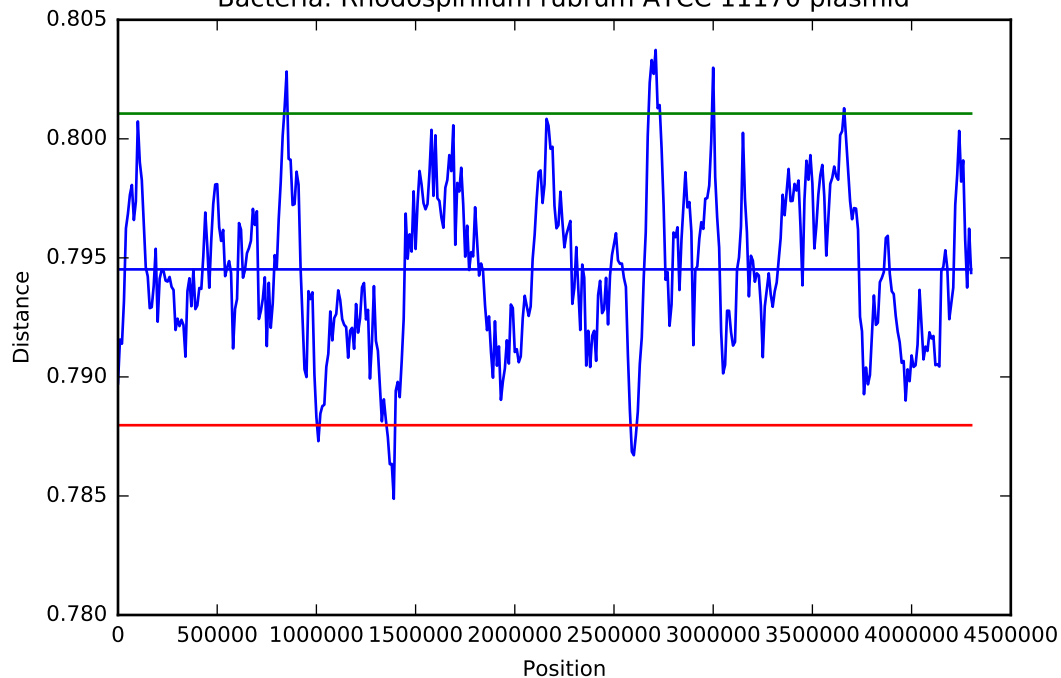
Bacteria: *Opitutus terrae* PB90-1



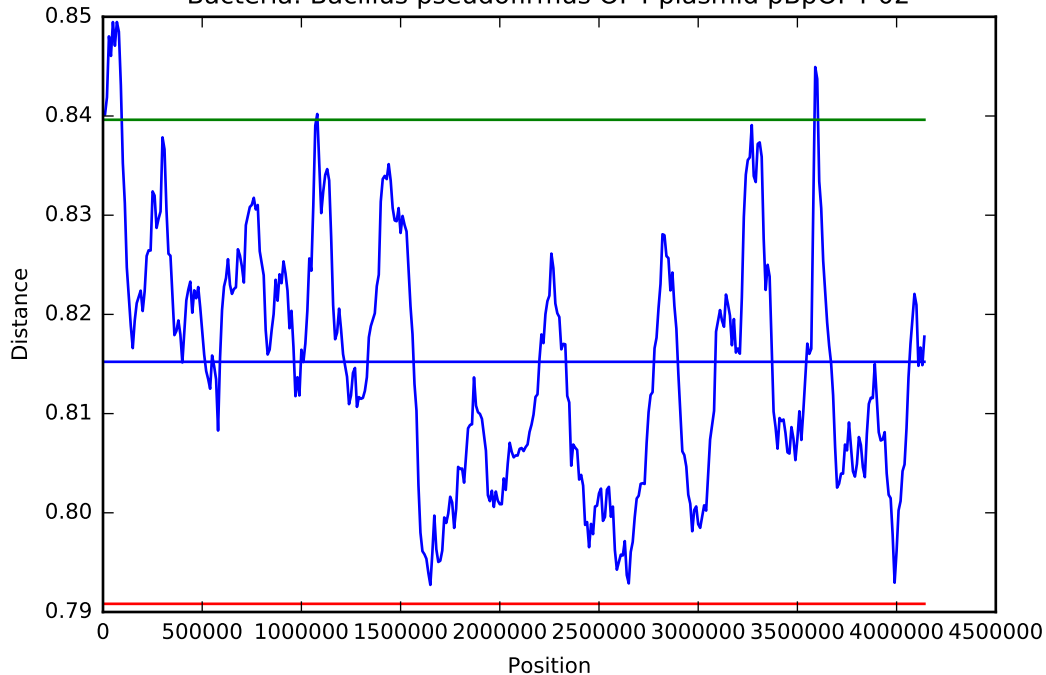
Archaea: Methanosarcina acetivorans str. C2A



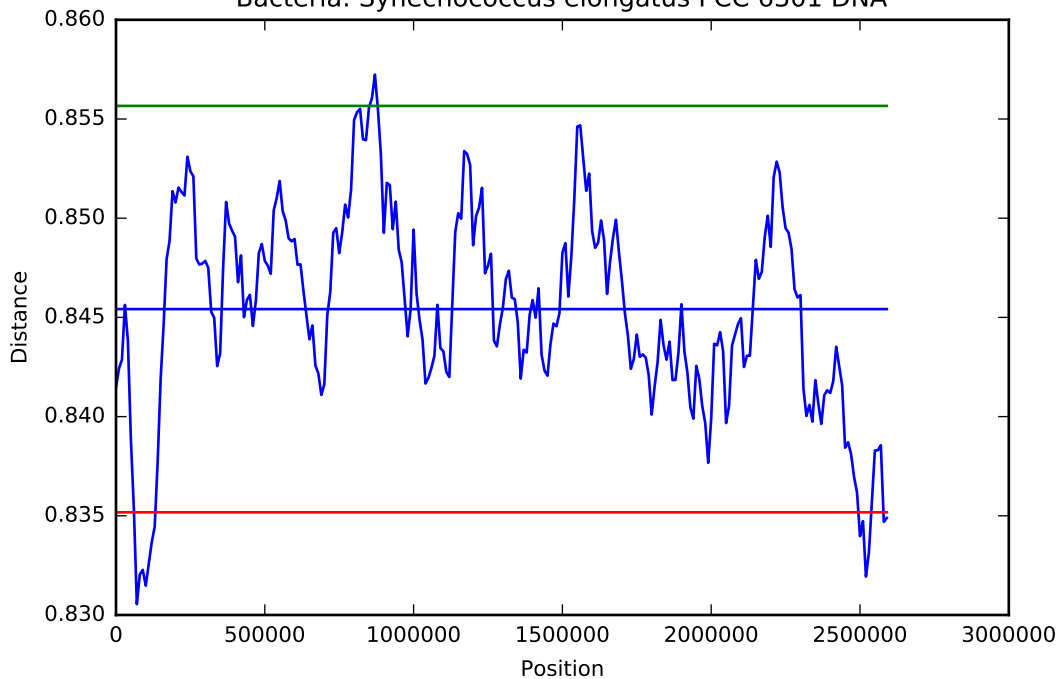
Bacteria: *Rhodospirillum rubrum* ATCC 11170 plasmid



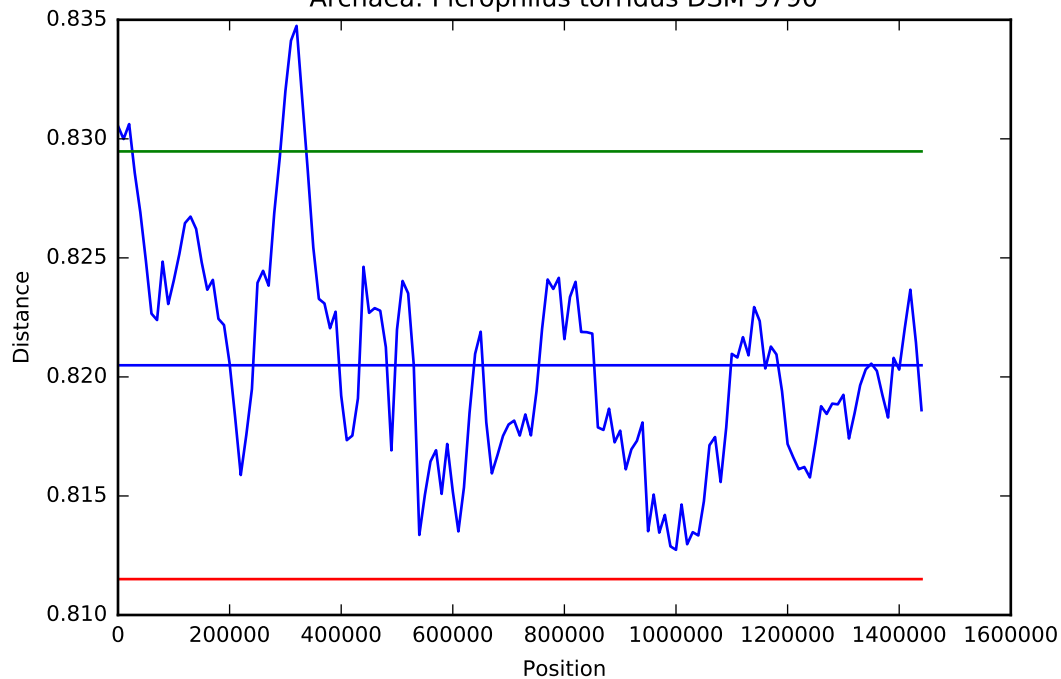
Bacteria: *Bacillus pseudofirmus* OF4 plasmid pBpOF4-02



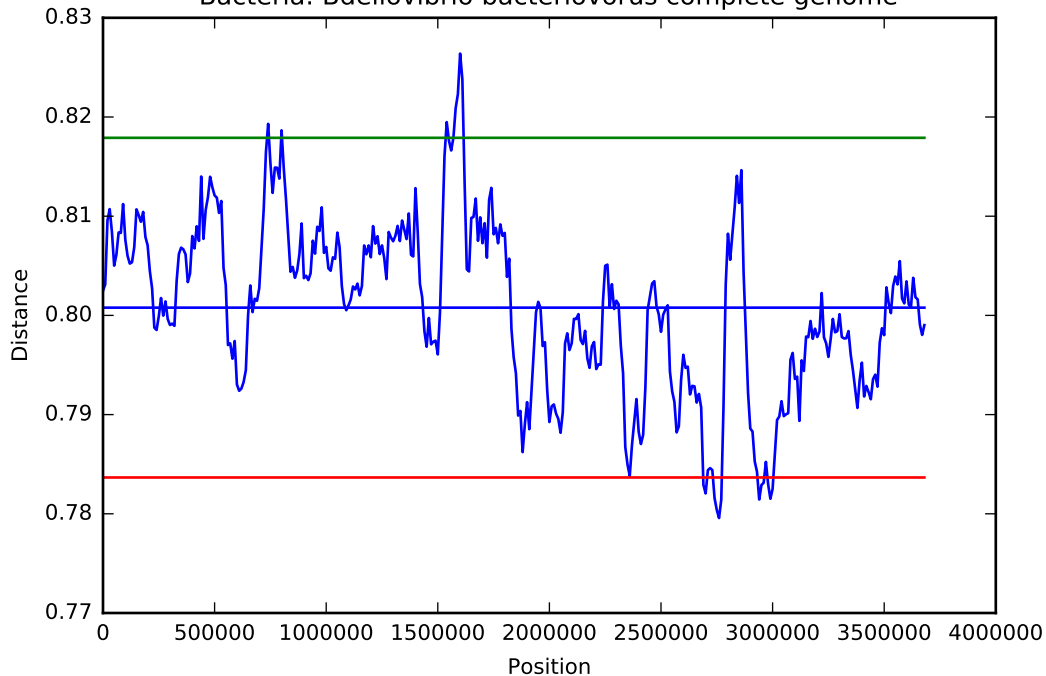
Bacteria: *Synechococcus elongatus* PCC 6301 DNA



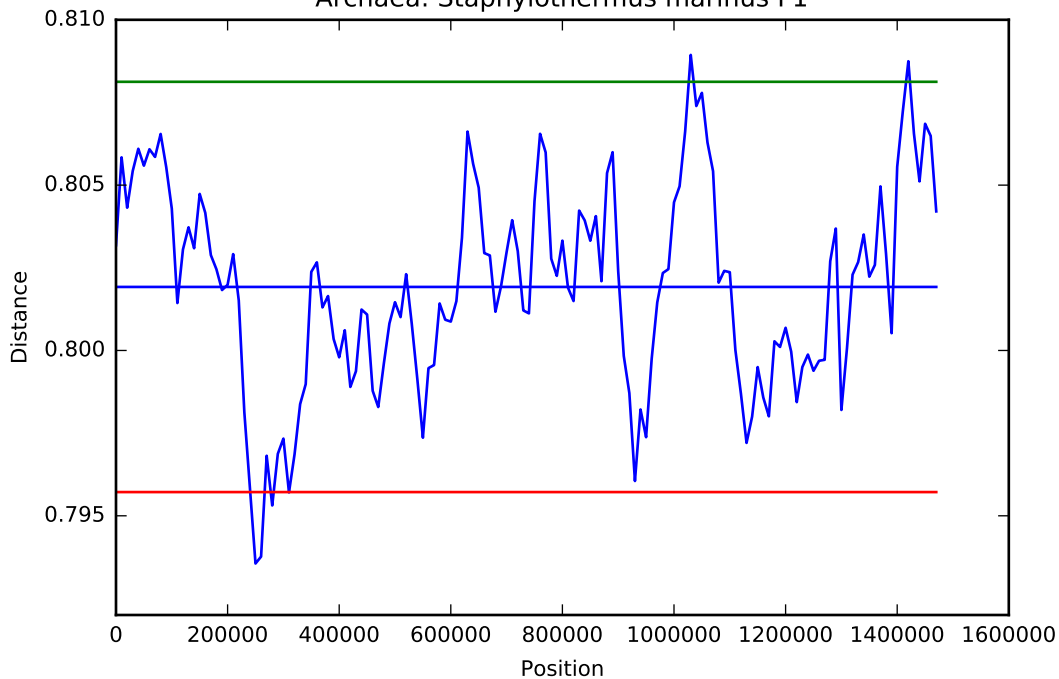
Archaea: *Picrophilus torridus* DSM 9790



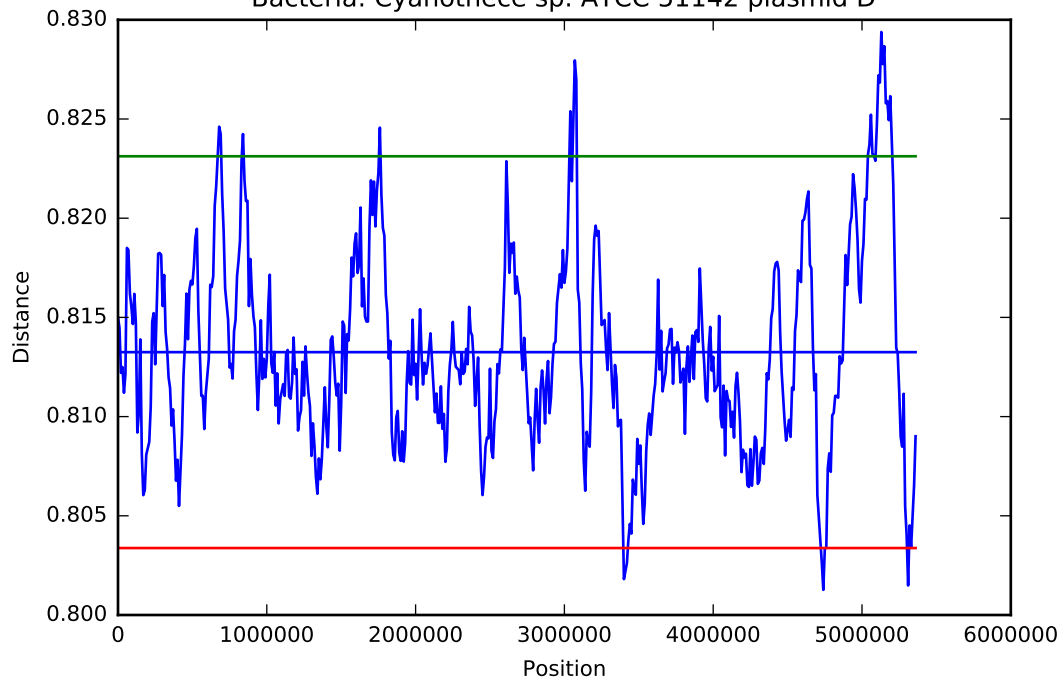
Bacteria: *Bdellovibrio bacteriovorus* complete genome



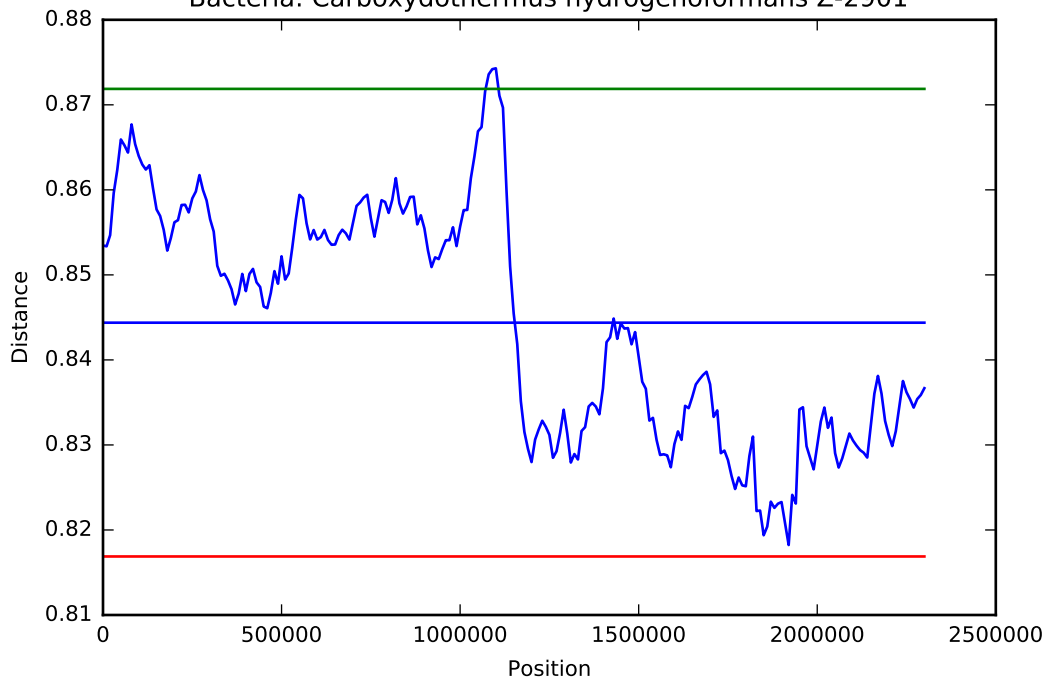
Archaea: Staphylothermus marinus F1



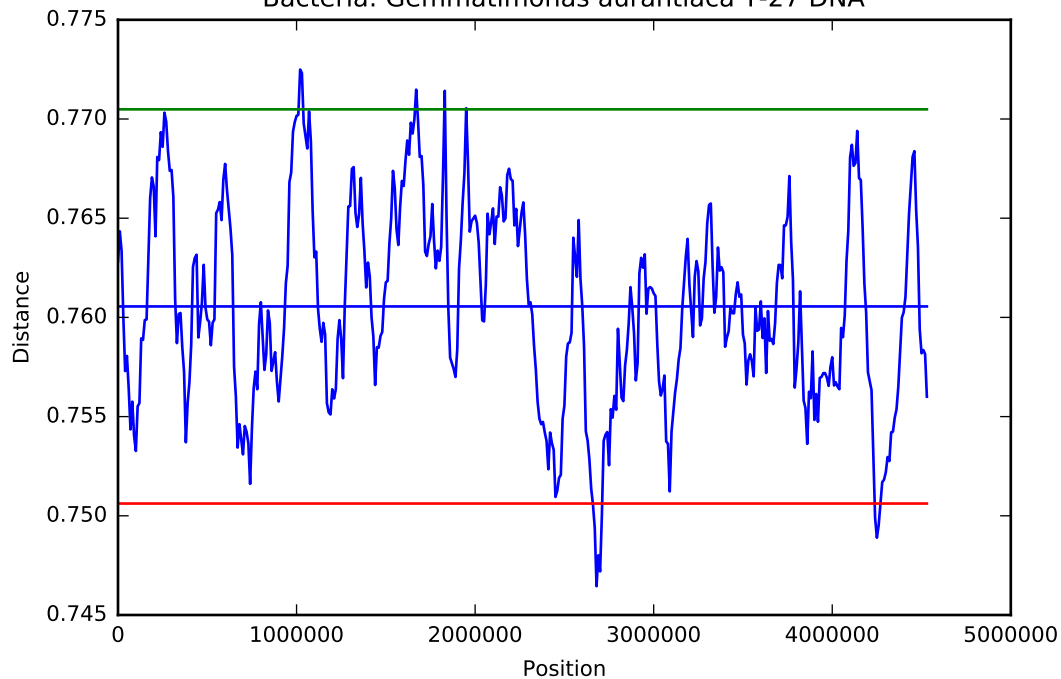
Bacteria: *Cyanothece* sp. ATCC 51142 plasmid D



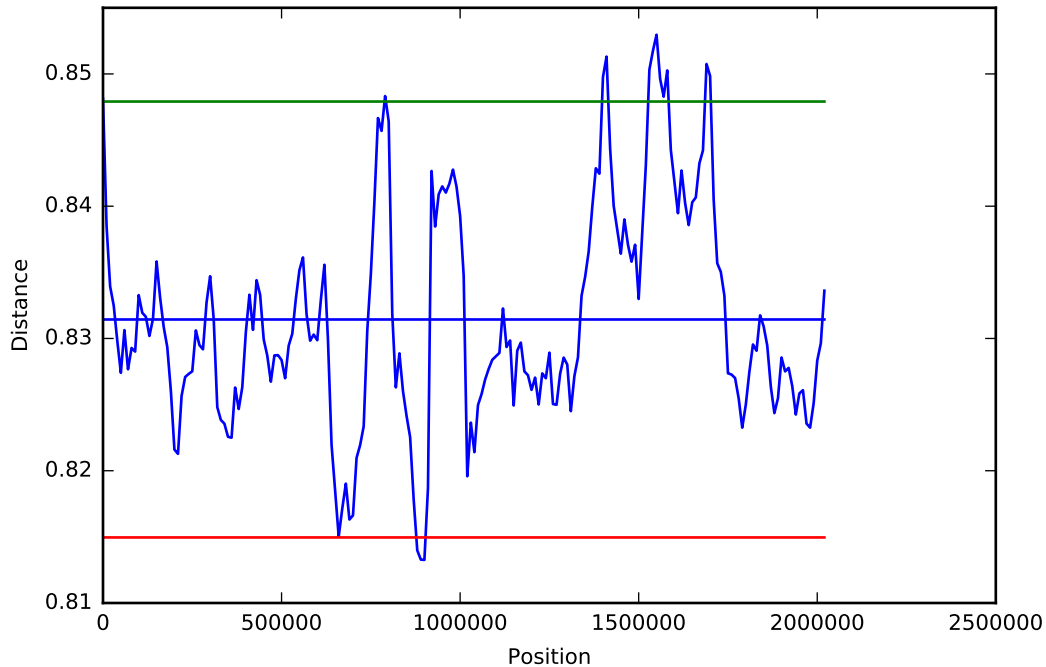
Bacteria: Carboxydothemus hydrogenoformans Z-2901



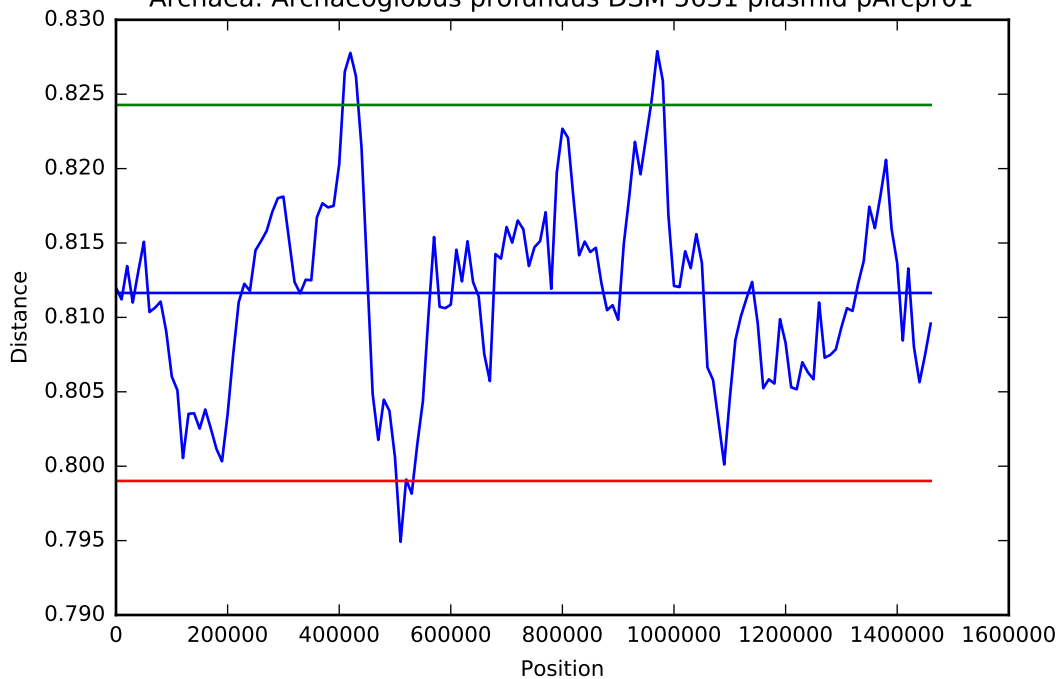
Bacteria: *Gemmatimonas aurantiaca* T-27 DNA



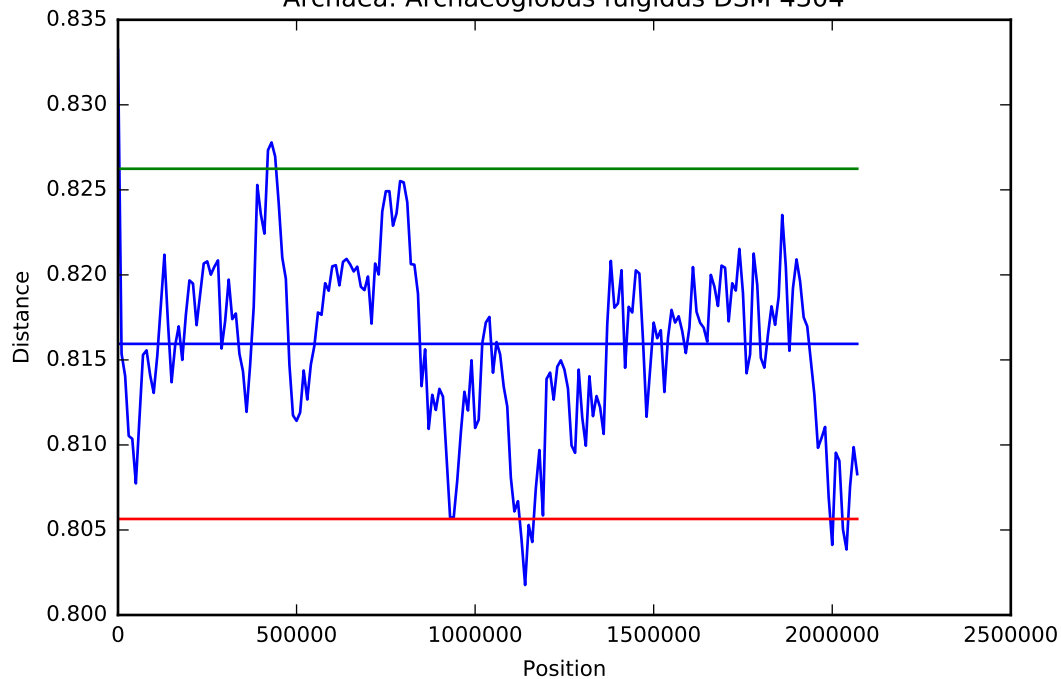
Archaea: *Pyrobaculum arsenaticum* DSM 13514



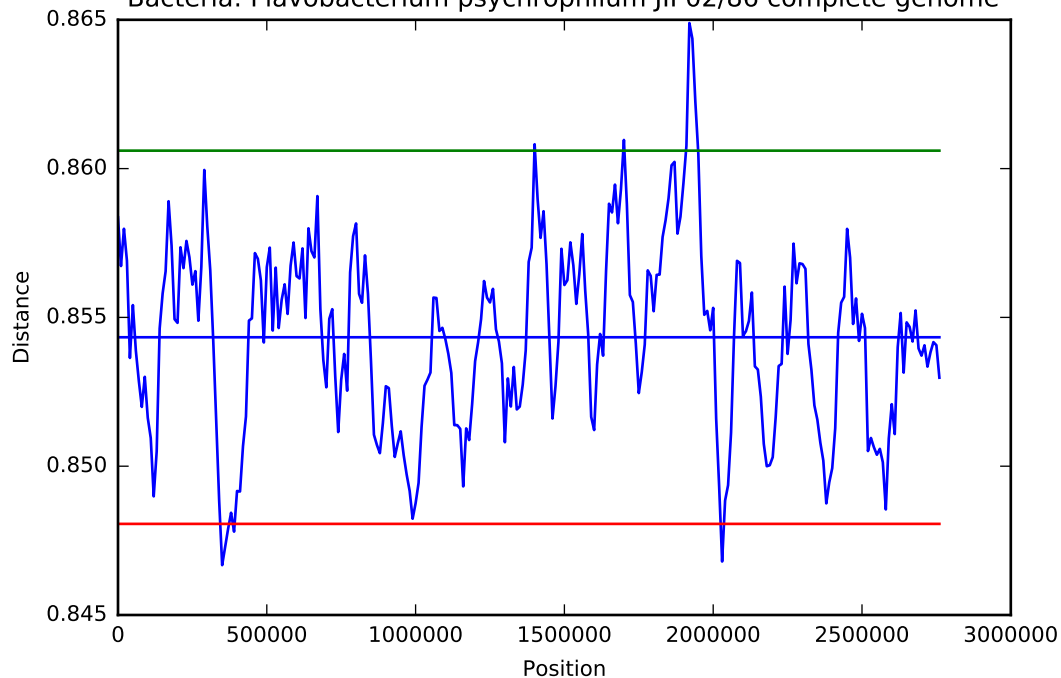
Archaea: *Archaeoglobus profundus* DSM 5631 plasmid pArcpr01



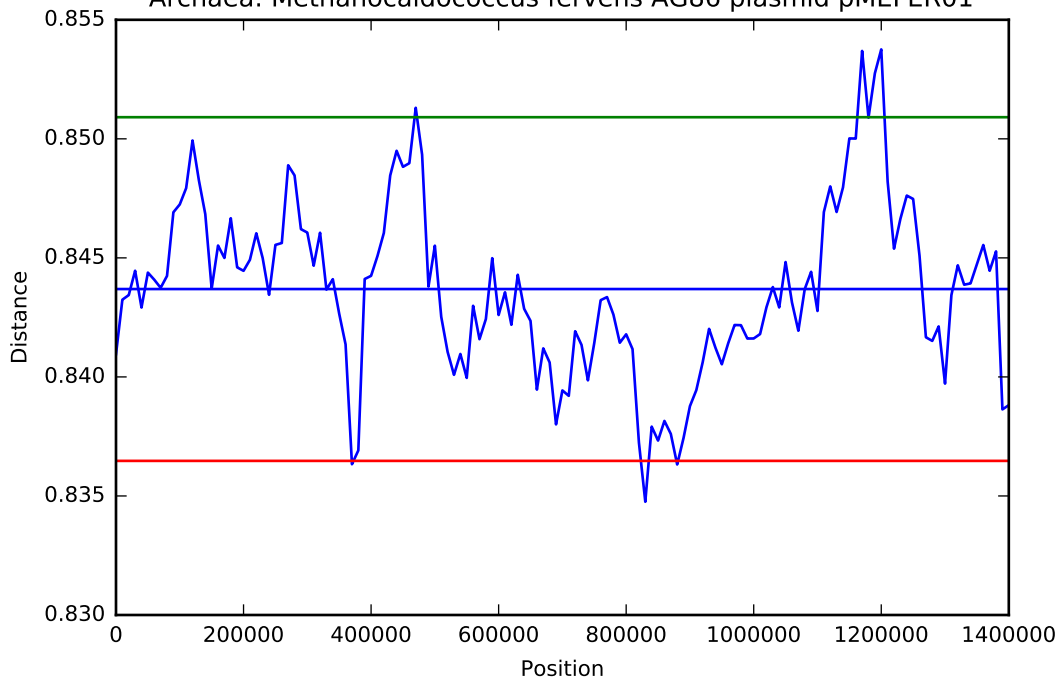
Archaea: *Archaeoglobus fulgidus* DSM 4304



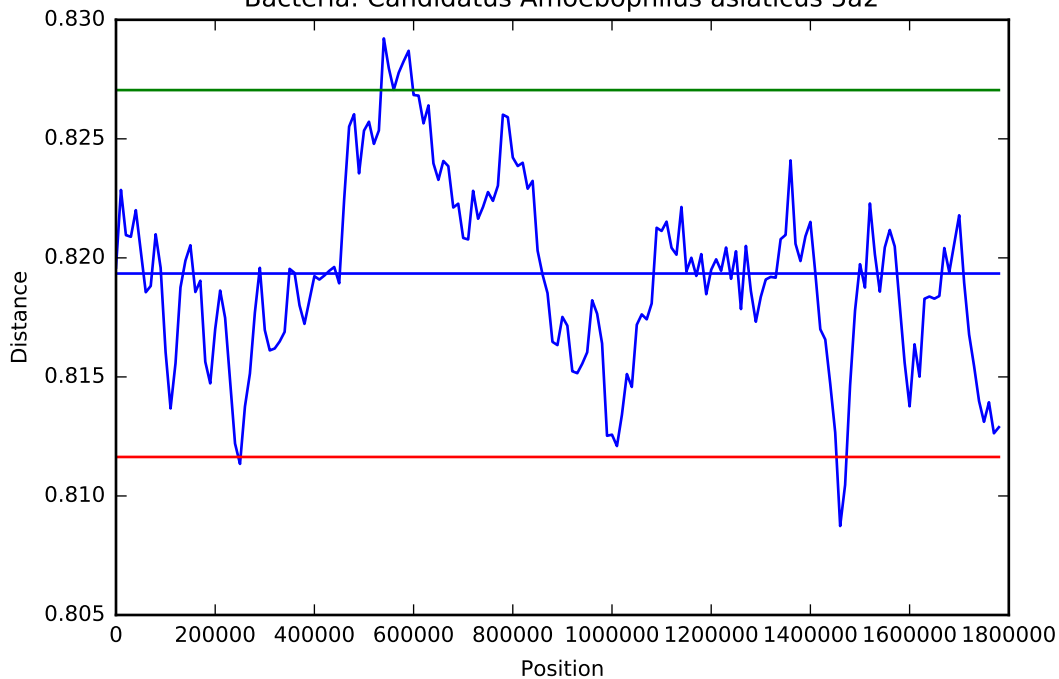
Bacteria: *Flavobacterium psychrophilum* JIP02/86 complete genome



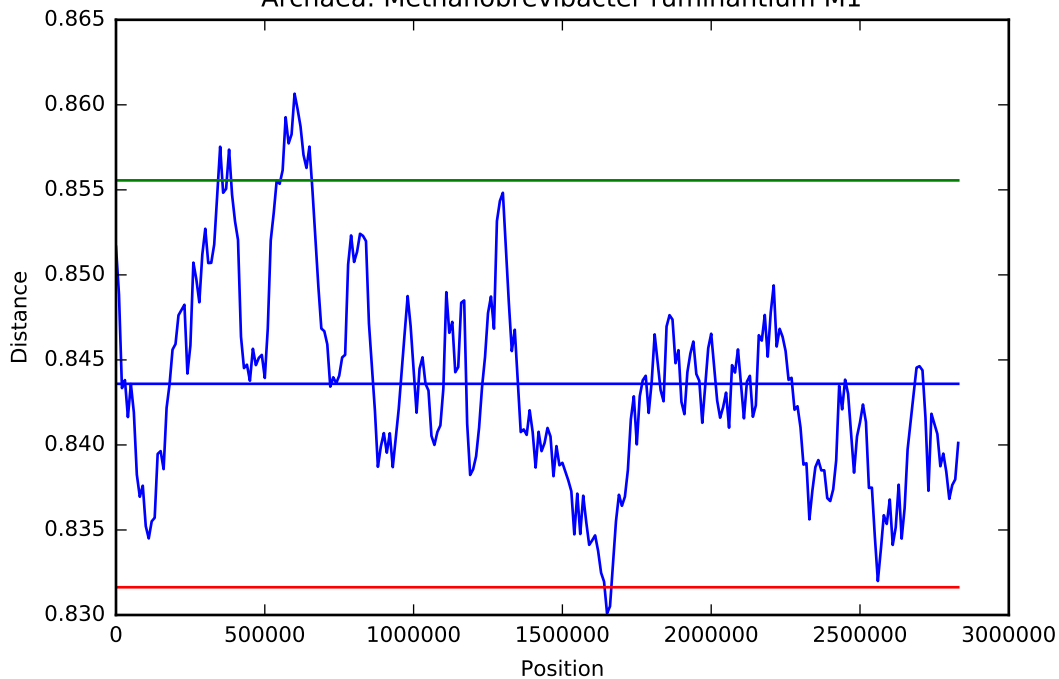
Archaea: *Methanocaldococcus fervens* AG86 plasmid pMEFER01



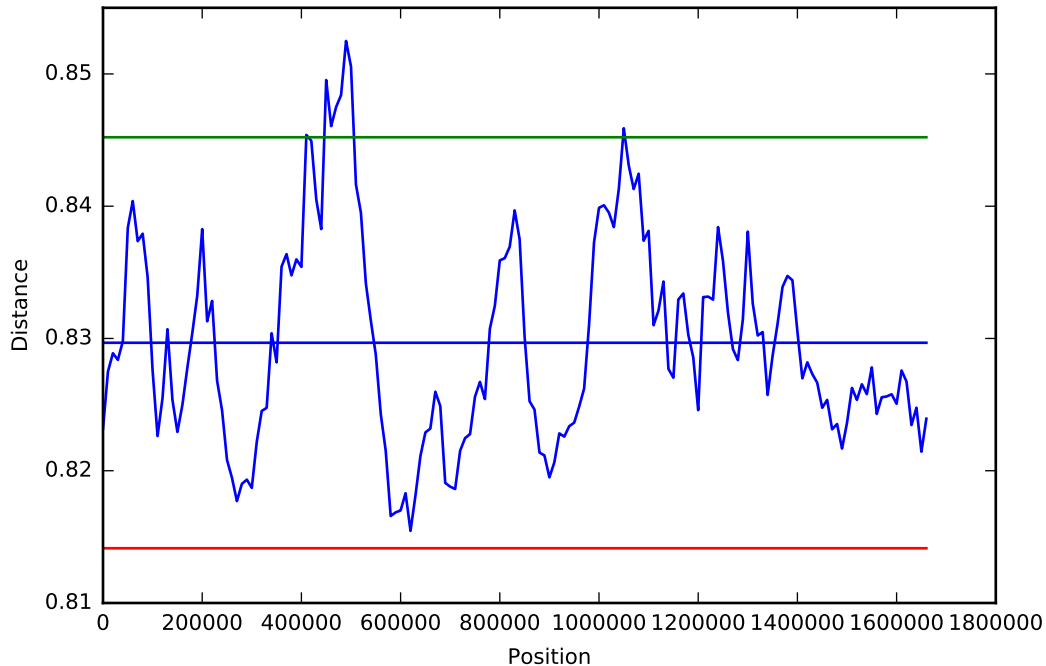
Bacteria: Candidatus Amoebophilus asiaticus 5a2



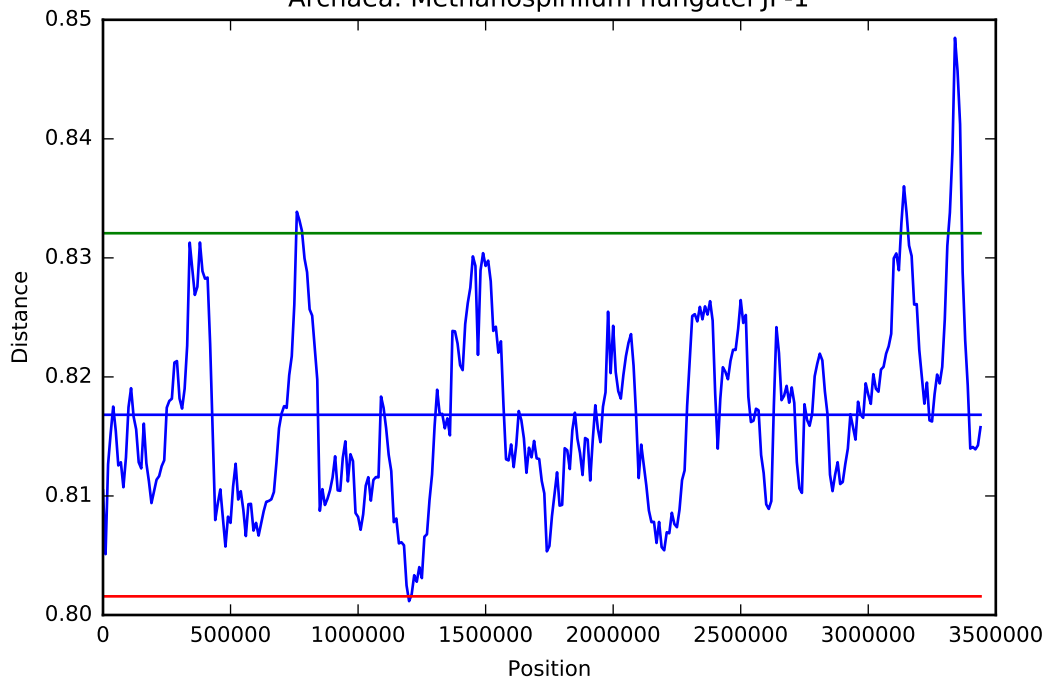
Archaea: Methanobrevibacter ruminantium M1



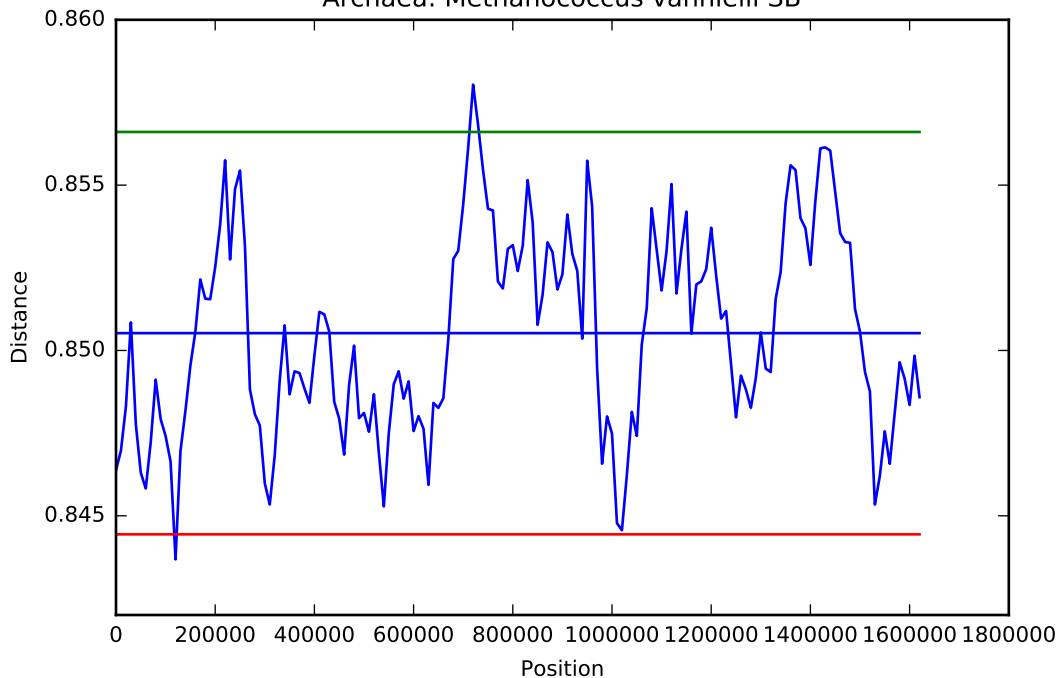
Archaea: *Pyrococcus abyssi* GE5 plasmid pGT5



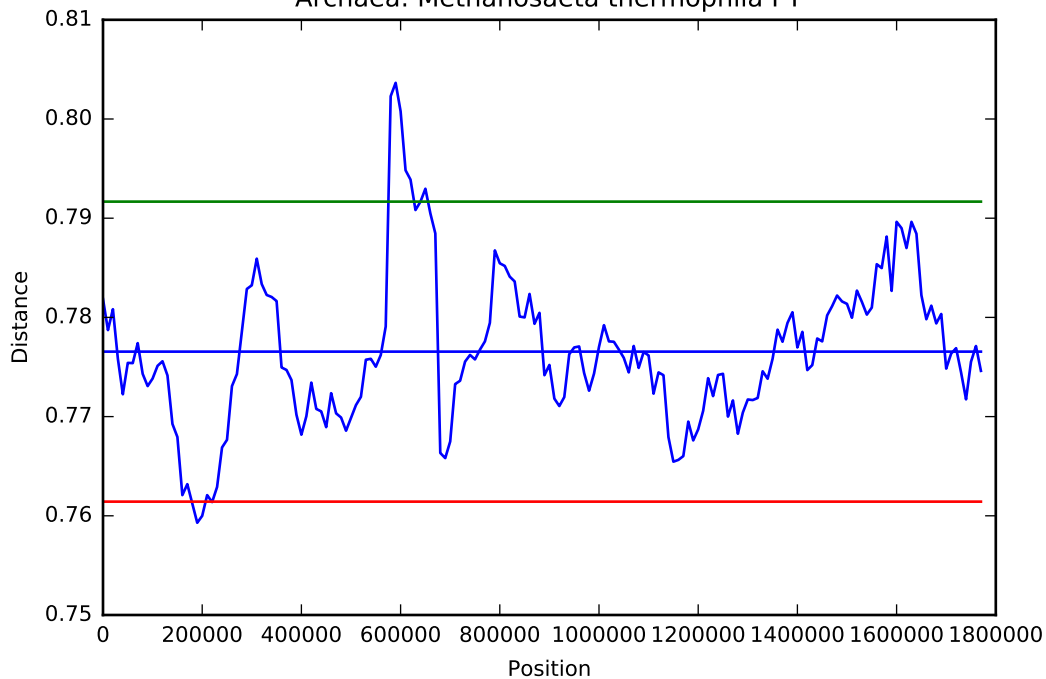
Archaea: Methanospirillum hungatei JF-1



Archaea: Methanococcus vannielii SB



Archaea: Methanosaeta thermophila PT



Bacteria: *Campylobacter jejuni* subsp. *jejuni* 81-176 plasmid pVir

