**https://www.ebi.ac.uk/Tools/msa/kalign/**

**Common bacteria from yogurts - 16S rRNA partial sequences**

>Lactobacillus-bulgaricus

1 gcagtcgagc gagctgaatt caaagatccc ttcggggtga tttgttggac gctagcggcg

61 gatgggtgag taacacgtgg gcaatctgcc ctaaagactg ggataccact tggaaacagg

121 tgctaatacc ggataacaac atgaatcgca tgattcaagt ttgaaaggcg gcgtaagctg

181 tcactttagg atgagcccgc ggcgcattag ctagttggtg gggtaaaggc ctaccaaggc

241 aatgatgcgt agccgagttg agagactgat cggccacatt gggactgaga cacggcccaa

301 actcctacgg gaggcagcag tagggaatct tccacaatgg acgcaagtct gatggagcaa

361 cgccgcgtga gtgaagaagg ttttcggatc gtaaagctct gttgttggtg aagaaggata

421 gaggcagtaa ctggtcttta tttgacggta atcaaccaga aagtcacggc taactacgtg

481 ccagcagccg cggtaatacg taggtggcaa gcgttgtccg gatttattgg gcgtaaagcg

541 agcgcaggcg gaatgataag tctgatgtga aagcccacgg ctcaaccgtg gaactgcatc

601 ggaaactgtc attcttgagt gcagaagagg agagtggaat tccatgtgta gcggtggaat

>Streptococcus-thermophilus

1 tgcaagtaga acgctgaaga gaggagcttg ctcttcttgg atgagttgcg aacgggtgag

61 taacgcgtag gtaacctgcc ttgtagcggg ggataactat tggaaacgat agctaatacc

121 gcataacaat ggatgacaca tgtcatttat ttgaaagggg caattgctcc actacaagat

181 ggacctgcgt tgtattagct agtaggtgag gtaatggctc acctaggcga cgatacatag

241 ccgacctgag agggtgatcg gccacactgg gactgagaca cggcccagac tcctacggga

301 ggcagcagta gggaatcttc ggcaatgggg gcaaccctga ccgagcaacg ccgcgtgagt

361 gaagaaggtt ttcggatcgt aaagctctgt tgtaagtcaa gaacgggtgt gagagtggaa

421 agttcacact gtgacggtag cttaccagaa agggacggct aactacgtgc cagcagccgc

481 ggtaatacgt aggtcccgag cgttgtccgg atttattggg cgtaaagcga gcgcaggcgg

541 tttgataagt ctgaagttaa aggctgtggc tcaaccatag ttcgctttgg aaactgtcaa

601 acttgagtgc agaaggggag agtggaattc catgtgtagc ggtgaaatgc gtagatatat

>Streptococcus-salivarius

1 agagtttgat cctggctcag gacgaacgct ggcggcgtgc ctaatacatg caagtagaac

61 gctgaagaga ggagcttgct cttcttggat gagttgcgaa cgggtgagta acgcgtaggt

121 aacctgcctt gtagcggggg ataactattg gaaacgatag ctaataccgc ataacaatgg

181 gtgactcatg tcatttattt gaaaggggca aatgctccac tacaagatgg acctgcgttg

241 tattagctag taggtgaggt aacggctcac ctaggcgacg atacatagcc gacctgagag

301 ggtgatcggc cacactggga ctgagacacg gcccagactc ctacgggagg cagcagtagg

361 gaatcttcgg caatgggggc aaccctgacc gagcaacgcc gcgtgagtga agaaggtttt

421 cggatcgtaa agctctgttg taagtcaaga acgagtgtga gagtggaaag ttcacactgt

481 gacggtagct taccagaaag ggacggctaa ctacgtgcca gcagccgcgg taatacgtag

541 gtcccgagcg ttgtccggat ttattgggcg taaagcgagc gcaggcggtt tgataagtct

601 gaagttaaag gctgtggctc aaccatagtt cgctttggaa actgtcaaac ttgagtgcag

>Lactobacillus-acidophilus

1 agagtttgat nntggctcag gacgaacgct ggcggcgtgc ctaatacatg caagtcgagc

61 gagcttgcct agatgatttt agtgcttgca ctaaatgaaa ctagatacaa gcgagcggcg

121 gacgggtgag taacacgtgg gtaacctgcc caagagactg ggataacacc tggaaacaga

181 tgctaatacc ggataacaac actagacgca tgtctagagt ttgaaagatg gttctgctat

241 cactcttgga tggacctgcg gtgcattagc tagttggtaa ggtaacggct taccaaggca

301 atgatgcata gccgagttga gagactgatc ggccacattg ggactgagac acggcccaaa

361 ctcctacggg aggcagcagt agggaatctt ccacaatgga cgaaagtctg atggagcaac

421 gccgcgtgag tgaagaaggg tttcggctcg taaagctctg ttggtagtga agaaagatag

481 aggtagtaac tggcctttat ttgacggtaa ttacttagaa agtcacggct aactacgtgc

541 cagcagccgc ggtaatacgt aggtggcaag cgttgtccgg atttattggg cgtaaagcga

601 gtgcaggcgg ttcaataagt ctgatgtgaa acgcttcggc tcaaccggag aattgcatca

>Lactobacillus-casei

1 gatsaacgst sgcggcgtgc ctaatacatg caagtcgaac gagttctcgt tgatgatcgg

61 tgcttgcacc gagattcaac atggaacgwg tgncggacgg gtgagtaaca cgtgggtaac

121 ctgcccttaa gtgggggata acatttggaa acagatgcta ataccgcata gatccaagaa

181 ccgcatggtt cttggctgaa agatggcgta agctatcgct tttggatgga cccgcggcgt

241 attagctagt tggtgaggta atggctcacc aaggcgatga tacgtagccg aactgagagg

301 ttgatcggcc acattgggac tgagacacgg cccaaactct acgggaggca gcagtaggga

361 atcttccaca atggacgcaa gtctgatgga gcaacgccgc gtgagtgaag aaggctttcg

421 ggtcgtaaaa ctctgttgtt ggagaagaat ggtcggcaga gtaactgttg tcggcgtgac

481 ggtatccaac cagaaagcca cggctaacta cgtgccagca gccgcggtaa tacgtaggtg

541 gcaagcgtta tccggattta ttgggcgtaa agcgagcgca ggcggttttt taagtctgat

601 gtgaaagccc tcggcttaac cgaggaagcg catcggaaac tgggaaactt gagtgcagaa

>Bifidobacterium-adolescentis

1 agagttgatc cggctcagga tgaacgcggc ggcgtgctta acacatgcaa gtcgaacggg

61 atcccaggag cttgctcctg ggtgagagtg gcgaacgggt gagtaatgcg tgaccgacct

121 gccccataca ccggaatagc tcctggaaac gggtggtaat gccggatgct ccacctgacc

181 gcatggtcct ttgggaaaga ttcatcggta tgggatgggg tcgcgtccta tcagcttgat

241 ggcggggtaa cggcccacca tggcttcgac gggtagccgg cctgagaggg cgaccggcca

301 cattgggact gagatacggc ccagactcct acgggaggca gcagtgggga atattgcaca

361 atgggcgcaa gcctgatgca gcgacgccgc gtgcgggatg acggccttcg ggttgtaaac

421 cgcttttgac tgggagcaag cccttcgggg tgagtgtacc tttcgaataa gcaccggcta

481 actacgtgcc agcagccgcg gtaatacgta gggtgcaagc gttatccgga attattgggc

541 gtaaagggct cgtaggcggt tcgtcgcgtc cggtgtgaaa gtccatcgct taacggtgga

601 tccgcgccgg gtacgggcgg gcttgagtgc ggtaggggag actggaattc ccggtgtaac

>Bifidobacterium-bifidum

1 aacgggatcc atcaagcttg cttggtggtg agagtggcga acgggtgagt aatgcgtgac

61 cgacctgccc catgctccgg aatagctcct ggaaacgggt ggtaatgccg gatgttccac

121 atgatcgcat gtgattgtgg gaaagatttc atcggcgtgg gatggggtcg cgtcctatca

181 gcttgttggt gaggtaacgg ctcaccaagg cttcgacggg tagccggcct gagagggcga

241 ccggccacat tgggactgag atacggccca gactcctacg ggaggcagca gtggggaata

301 ttgcacaatg ggcgcaagcc tgatgcagcg acgccgcgtg agggatggag gccttcgggt

361 tgtaaacctc ttttgtttgg gagcaagcct tcgggtgagt gtacctttcg aataagcgcc

421 ggctaactac gtgccagcag ccgcggtaat acgtagggcg caagcgttat ccggatttat

481 tgggcgtaaa gggctcgtag gcggctcgtc gcgtccggtg tgaaagtcca tcgcttaacg

541 gtggatctgc gccgggtacg ggcgggctgg agtgcggtag gggagactgg aattcccggt

601 gtaacggtgg aatgtgtaga tatcgggaag aacaccgatg gcgaaggcag gtctctgggc