

Subject: New Bacterial Genomes in the HUMAN ORAL MICROBIOME DATABASE (homd)

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From: Gloria S. Abdin <abdin@uthscsa.edu>

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MESSAGE SENT ON BEHALF OF

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From: "Lunsford, Robert (NIH/NIDCR) [E]" <lunsfordr@NIDCR.NIH.GOV>

Sender: "NIDCR, Oral Infectious Diseases and Immunity Branch Discussion Group"

Date: Fri, 4 Jun 2010 07:08:45 -0500

Subject: NEW BACTERIAL GENOMES IN THE HUMAN ORAL MICROBIOME DATABASE (HOMD)

Dear Oral Research Investigators,

We want to bring to your attention the fact that over 150 annotated oral bacterial genomes are now available for you to examine at The Human Oral Microbiome Database (www.homd.org <<http://www.homd.org>>). For the past three years, we have been growing up oral bacteria and sending purified DNA to the four Human Microbiome Project sequencing centers. We want to thank Drs. Dwayne Lunsford and Pamela McInnes for their efforts to get as many oral species as possible included in the Human Microbiome Project reference sequencing effort and to thank NIDCR for support under contract U01 DE016937. The Human Oral Microbiome Database team includes Drs. Tsute Chen, Floyd Dewhirst, Jacques Izard, Bruce Paster and Anne Tanner at the Forsyth Institute, and William Wade at Kings College London.

The strains for the following 103 newly released, or soon to be released, oral bacterial genomes were cultivated and DNA prepared by the following technicians and post docs in the Dewhirst & Izard labs: Oxana Baranova, Jessica Blanton, Akila Ganesan, and Jennifer Mathney. Abby Lakshmanan, and Wen-Han Yu helped create the HOMD web site so that you can view the genomes.

Best regards,

Jacques Izard, Tsute Chen and Floyd Dewhirst

Abiotrophia defectiva; Human Oral Taxon 389; Strain ATCC 49176
Actinomyces cardiffensis; Human Oral Taxon 850; Strain F0333
Actinomyces gerencseriae; Human Oral Taxon 618; Strain F0344
Actinomyces israelii; Human Oral Taxon 645; Strain F0345
Actinomyces odontolyticus; Human Oral Taxon 701; Strain F0309
Actinomyces sp. Human Oral Taxon 170; Strain F0386
Actinomyces sp. Human Oral Taxon 171; Strain F0337
Actinomyces sp. Human Oral Taxon 175; Strain F0384
Actinomyces sp. Human Oral Taxon 178; Strain F0338
Actinomyces sp. Human Oral Taxon 180; Strain F0310
Actinomyces sp. Human Oral Taxon 448; Strain F0400
Actinomyces sp. Human Oral Taxon 848; Strain F0332
Actinomyces sp. Human Oral Taxon 849; Strain F0330
Aggregatibacter aphrophilus; Human Oral Taxon 545; Strain F0387
Atopobium rima; Human Oral Taxon 750; Strain ATCC 49626
Bacteroidetes sp. Human Oral Taxon 272; Strain F0290
Bacteroidetes sp. Human Oral Taxon 274; Strain F0058
Bulleida extructa; Human Oral Taxon 603; Strain ATCC BAA-170/DSM 13220
Campylobacter rectus; Human Oral Taxon 748; Strain ATCC 33238
Capnocytophaga gingivalis; Human Oral Taxon 337; Strain ATCC 33624
Capnocytophaga granulosa; Human Oral Taxon 325; Strain ATCC 51502
Capnocytophaga ochracea; Human Oral Taxon 700; Strain F0287
Capnocytophaga sp. Human Oral Taxon 329; Strain F0087
Capnocytophaga sp. Human Oral Taxon 338; Strain F0234
Capnocytophaga sputigena; Human Oral Taxon 775; Strain ATCC 33612
Cardiobacterium hominis; Human Oral Taxon 633; Strain ATCC 15826
Catonella morbi; Human Oral Taxon 165; Strain ATCC 51271
Corynebacterium matruchotii; Human Oral Taxon 666; Strain ATCC 14266
Dialister invisus; Human Oral Taxon 118; Strain DSM 15470
Dialister pneumosintes; Human Oral Taxon 736; Strain F0409
Eikenella corrodens; Human Oral Taxon 577; Strain ATCC 23834
Eubacterium[11][G-1] *infirmum*; Human Oral Taxon 105; Strain F0142
Eubacterium[11][G-5] *saphenum*; Human Oral Taxon 759; Strain ATCC 49989
Filifactor alocis; Human Oral Taxon 539; Strain ATCC 35896

Fusobacterium nucleatum ss polymorphum; Human Oral Taxon 202; Strain F0401
Gemella haemolysans; Human Oral Taxon 626; Strain ATCC 10379
Granulicatella adiacens; Human Oral Taxon 534; Strain ATCC 49175
Granulicatella elegans; Human Oral Taxon 596; Strain ATCC 700633
Haemophilus sp. Human Oral Taxon 851; Strain F0397
Johnsonella ignava; Human Oral Taxon 635; Strain ATCC 51276
Jonquetella anthropi; Human Oral Taxon 777; Strain E3_33 E1
Kingella oralis; Human Oral Taxon 706; Strain ATCC 51147
Lachnospiraceae bacterium Human Oral Taxon 107; Strain F0167
Leptotrichia goodfellowii; Human Oral Taxon 845; Strain F0264
Leptotrichia hofstadii; Human Oral Taxon 224; Strain F0254
Leptotrichia sp. Human Oral Taxon 847; Strain F0260
Leptotrichia wadei; Human Oral Taxon 222; Strain F0279
Megasphaera micronuciformis; Human Oral Taxon 122; Strain F0359
Neisseria sp. Human Oral Taxon 014; Strain F0314
Olsenella sp. Human Oral Taxon 809; Strain F0356
Oribacterium sinus; Human Oral Taxon 457; Strain F0268
Oribacterium sp. Human Oral Taxon 078; Strain F0262
Oribacterium sp. Human Oral Taxon 108; Strain F0425
Parascardovia denticolens; Human Oral Taxon 586; Strain F0305
Parvimonas sp. Human Oral Taxon 110; Strain F0139
Peptoniphilus sp. Human Oral Taxon 375; Strain F0436
Peptoniphilus sp. Human Oral Taxon 386; Strain F0131
Peptoniphilus sp. Human Oral Taxon 836; Strain F0141
Peptostreptococcus stomatis; Human Oral Taxon 112; Strain DSM 17678
Porphyromonas endodontalis; Human Oral Taxon 273; Strain ATCC 35406
Prevotella buccae; Human Oral Taxon 560; Strain CCUG 15401
Prevotella denticola; Human Oral Taxon 291; Strain F0289
Prevotella histicola; Human Oral Taxon 298; Strain F0411
Prevotella melaninogenica; Human Oral Taxon 469; Strain ATCC 25845
Prevotella nigrescens; Human Oral Taxon 693; Strain F0103
Prevotella oris; Human Oral Taxon 311; Strain F0302
Prevotella oulorum; Human Oral Taxon 288; Strain F0390
Prevotella sp. Human Oral Taxon 299; Strain F0039
Prevotella sp. Human Oral Taxon 302; Strain F0323
Prevotella sp. Human Oral Taxon 317; Strain F0108
Prevotella sp. Human Oral Taxon 472; Strain F0295

Prevotella tannerae; Human Oral Taxon 466; Strain ATCC 51259
Prevotella veroralis; Human Oral Taxon 572; Strain F0319
Propionibacterium acidifaciens; Human Oral Taxon 191; Strain F0233
Propionibacterium propionicum; Human Oral Taxon 739; Strain F0230
Pyramidobacter piscolens; Human Oral Taxon 357; Strain W5455/F0317
Rothia mucilaginosa; Human Oral Taxon 681; Strain ATCC 25296
Rothia sp. Human Oral Taxon 188; Strain F0184
Scardovia inopinata; Human Oral Taxon 642; Strain F0304
Scardovia wiggisiae; Human Oral Taxon 195; Strain F0424
Selenomonas artemidis; Human Oral Taxon 124; Strain F0399
Selenomonas flueggei; Human Oral Taxon 125; Strain ATCC 43531
Selenomonas infelix; Human Oral Taxon 639; Strain ATCC 43532
Selenomonas noxia; Human Oral Taxon 130; Strain ATCC 43541
Selenomonas noxia; Human Oral Taxon 130; Strain F0398
Selenomonas sp. Human Oral Taxon 149; Strain F0410
Shuttleworthia satelles; Human Oral Taxon 095; Strain DSM 14600
Simonsiella muelleri; Human Oral Taxon 683; Strain ATCC 29453
Slaxia exigua; Human Oral Taxon 602; Strain ATCC 700122
Solobacterium moorei; Human Oral Taxon 678; Strain F0204
Streptococcus anginosus; Human Oral Taxon 543; Strain F0211
Streptococcus cristatus; Human Oral Taxon 578; Strain F0329
Streptococcus downei; Human Oral Taxon 594; Strain F0415
Streptococcus intermedius; Human Oral Taxon 644; Strain F0395
Streptococcus intermedius; Human Oral Taxon 644; Strain F0413/BH47P15
Streptococcus mitis bv2; Human Oral Taxon 398; Strain F0392
Streptococcus parasanguinis II; Human Oral Taxon 411; Strain F0405
Streptococcus sp. Human Oral Taxon 056; Strain F0418
Streptococcus sp. Human Oral Taxon 071; Strain F0408
Treponema denticola; Human Oral Taxon 584; Strain F0401
Treponema vincentii; Human Oral Taxon 029; Strain ATCC 35580
Veillonellaceae [G-1] sp. Human Oral Taxon 155; Strain F0276
Veillonella parvula; Human Oral Taxon Strain 161; ATCC 17745

This message is sent to you on behalf of Dr. Steffensen, Associate Dean for Research at the UTHSCSA Dental School. If you wish to be removed from this distribution list or know of someone who would like to be added to the list, please contact Gloria Abdin at abdin@uthscsa.edu <blocked::BLOCKED::mailto:abdin@uthscsa.edu>. We welcome suggestions that you may have to enhance our research communications. To access previous announcements click the following link:

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