

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

**Date:** Monday, June 7, 2010 8:02 AM

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**MESSAGE SENT ON BEHALF OF**

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**Associate Dean for Research – Dental School**

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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) <<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](mailto: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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