

# UFO: a web server for ultra-fast functional profiling of whole genome protein sequences

## *Supplementary material*

Peter Meinicke

The test genomes for evaluation of the UFO web server were obtained from recent Integr8 data base updates and correspond to all entries of the “latest species” section which were added in release 90/91 from January/February 2009. A complete listing of the 206 entries is given below.

31898.P\_chrysogenum  
32114.P\_berghei  
31998.P\_chabaudi  
32557.B\_catenulatum  
32188.S\_agalactiae\_COH1  
32184.B\_sp\_SG-1  
32182.B\_sp\_H160  
32180.S\_pneumoniae\_SP9-BS68  
31894.A\_pseudotrichonymphae  
32178.B\_anthraxis\_Tsiankovskii-I  
32176.B\_thuringiensis\_ATCC\_35646\_israelensis  
32174.V\_shilonii  
32168.O\_indolifex  
32166.L\_sp\_PCC\_8106  
32164.B\_graminis  
32162.P\_sp\_BAL39  
32160.B\_animalis  
32158.L\_araneosa  
32154.H\_parasuis  
32152.H\_sp  
32148.Y\_pestis  
32146.E\_coli\_0157-H7\_EC4401  
32144.M\_marina  
32142.X\_fastidiosa\_Dixon  
32140.U\_parvum  
32138.R\_sp  
32134.L\_monocytogenes\_F6854  
32132.B\_sp\_SS

32130.R\_bacterium  
31846.G\_diazotrophicus  
32128.S\_agalactiae\_18RS21  
32126.E\_coli\_0157-H7\_EC4501  
32124.C\_perfringens\_C\_JGS1495  
32122.T\_carboxydivorans  
32120.C\_jejuni\_CG8486  
32118.C\_perfringens\_B\_3626\_ATCC  
32116.H\_influenzae\_221-21  
32110.E\_coli\_0157-H7\_EC508  
32108.R\_sp\_SK209-2-6  
32106.H\_influenzae\_R3021  
32104.V\_cholerae\_2740-80  
32102.P\_maris  
32100.B\_cereus\_AH1134  
31810.T\_onnurineus  
31802.C\_burnetii\_Q154  
31800.C\_burnetii\_Q212  
32298.C\_perfringens\_CPE\_F4969  
32296.S\_pneumoniae\_SP3-BS71  
32294.H\_influenzae\_224-21  
32292.B\_anthraxis  
32290.S\_pneumoniae\_SP195  
32288.S\_enterica\_SARA29  
32286.B\_anthraxis\_A0193  
32284.W\_endosymbiont  
32282.E\_coli\_0157-H7\_EC4196  
32280.M\_sp\_PE36  
31994.C\_perfringens\_E\_JGS1987  
31992.C\_aerofaciens  
31990.S\_enterica\_191  
32278.A\_bacterium\_TW-7  
32276.B\_pseudomallei\_305  
32274.C\_burnetii\_RSA\_334  
32272.V\_bacterium  
31986.S\_enterica\_SARA23  
31984.S\_enterica\_SL480  
31982.D\_sp  
31980.S\_pneumoniae\_SP11-BS70  
32268.E\_coli\_0157-H7\_EC869  
32266.d\_proteobacterium  
32264.B\_anthraxis\_A0174  
32262.S\_enterica\_HI\_N05-537  
32260.C\_flavus  
31976.u\_eubacterium  
31974.N\_spumigena

31972.F\_bacterium  
 31970.C\_perfringens\_D\_JGS1721  
 32258.B\_cereus\_NVH0597-99  
 32254.G\_sp\_G11MC16  
 32252.G\_sp  
 31968.C\_sp\_PCC\_7822  
 31966.R\_pickettii  
 31964.S\_pneumoniae\_SP23-BS72  
 31962.D\_acetoxidans  
 31960.C\_jejuni\_84-25  
 32248.S\_pneumoniae\_SP19-BS75  
 32246.L\_reuteri\_100-23  
 32242.U\_parvum\_2783\_ATCC  
 31958.Y\_pestis\_B42003004  
 32240.S\_agalactiae  
 31954.C\_jejuni  
 31952.S\_agalactiae\_CJB111  
 31950.V\_cholerae\_MAK\_757  
 32238.B\_cereus\_03BB108  
 32236.M\_sp  
 32234.W\_endosymbiont\_of\_Drosophila\_ananassae  
 32232.V\_cholerae\_V52  
 31948.M\_luteus  
 32230.U\_urealyticum\_33698\_13  
 31944.B\_sp\_PS  
 31942.U\_urealyticum\_5  
 31940.E\_coli\_0157-H7\_EC4486  
 32228.E\_chaffeensis\_Sapulpa  
 32224.H\_influenzae\_PittII  
 32222.V\_cholerae  
 31938.S\_putrefaciens\_200  
 32220.E\_coli\_0157-H7\_EC4076  
 31936.R\_sibirica  
 31934.C\_butyricum  
 31932.S\_stellata  
 32218.S\_pneumoniae  
 32216.S\_pneumoniae\_SP14-BS69  
 31928.R\_sp\_CCS2  
 32210.C\_mediatlanticus  
 31926.S\_enterica\_SL486  
 31924.Y\_pestis\_MG05-1020  
 31922.S\_benthica  
 31920.E\_coli\_F11  
 32208.C\_watsonii  
 32206.C\_jejuni\_26094  
 32204.m\_gamma\_proteobacterium\_HTCC2143

32202.T\_bacterium  
31918.S\_enterica\_SL317  
32200.S\_pneumoniae\_SP6-BS73  
31916.B\_caccae  
31912.R\_sp\_TM1035  
31910.E\_faecium  
31902.L\_sp  
31900.L\_sp\_Group\_II\_5-way\_CG  
32098.E\_sp\_SD-21  
32096.S\_agalactiae\_515  
32094.B\_anthraxis\_A0442  
32092.B\_anthraxis\_A0465  
32088.U\_urealyticum\_11  
32086.B\_ambifaria\_IOP40-10  
32084.A\_sp  
32082.S\_pneumoniae\_CDC1087-00  
32080.R\_grylli  
31795.R\_centenum  
31793.H\_pylori\_P12  
31791.E\_coli\_SE11  
32076.M\_voltae  
32072.V\_campbellii  
32070.V\_vadensis  
32068.G\_sp\_M21  
32066.C\_botulinum\_Bf  
32064.R\_solanacearum  
32060.C\_jejuni\_CG8421  
32058.B\_cereus\_G9241  
32056.C\_sp\_AT7  
32054.S\_enterica\_RI\_05P066  
32052.E\_coli\_0157-H7\_EC4113  
32050.R\_leguminosarum  
32048.V\_cholerae\_MZ0-3  
32046.C\_sp\_CCY\_0110  
32044.P\_pacifica  
32042.S\_enterica\_4-5-12-i--\_CVM23701  
32040.L\_monocytogenes\_H7858  
32038.C\_perfringens\_NCTC\_8239  
32034.E\_coli\_E22  
32032.L\_aggregata  
32030.P\_sp  
32028.F\_nucleatum\_ATCC\_49256\_vincentii  
32026.H\_influenzae\_PittAA  
32022.A\_maxima  
32018.Y\_pestis\_F1991016  
32016.E\_sp\_AT1b

32014.S\_dysenteriae\_1012  
32012.H\_influenzae\_3655  
32010.M\_algicola  
32008.C\_botulinum  
32006.a\_proteobacterium  
32004.B\_coagulans  
32002.S\_pneumoniae\_CDC3059-06  
32000.C\_coli  
32356.U\_urealyticum\_33696  
32354.E\_coli\_101-1  
32352.Y\_pestis\_UG05-0454  
32350.B\_ambifaria  
32348.B\_anthraxis\_A0389  
32346.H\_influenzae\_PittHH  
32344.C\_sp\_PCC\_8802  
32342.B\_cereus\_W  
32338.C\_botulinum\_NCTC\_2916  
32336.X\_fastidiosa\_Ann-1  
32334.Y\_pestis\_E1979001  
32332.C\_thermocellum  
32330.S\_enterica  
32328.B\_selenitireducens  
32326.U\_parvum\_14  
32324.E\_coli\_B7A  
32322.S\_pneumoniae\_MLV-016  
32320.C\_jejuni\_CF93-6  
32318.E\_coli\_E110019  
32316.O\_bacterium  
32314.C\_ferrooxidans  
32312.U\_urealyticum  
32310.F\_bacterium\_ALC-1  
32308.S\_pneumoniae\_CDC1873-00  
32306.U\_urealyticum\_33175  
32304.B\_sp  
32302.L\_sp\_MED105  
32300.A\_vinelandii  
32198.m\_gamma  
32196.C\_upsaliensis  
32194.S\_pneumoniae\_CDC0288-04  
32192.G\_sp\_Y412MC10