



k\_Archaea;p\_Crenarchaeota;c\_MBG

k\_Archaea;p\_Crenarchaeota;c\_MCG

k\_Archaea;p\_Crenarchaeota;c\_Thaumarchaeota

k\_Archaea;p\_Euryarchaeota;c\_Methanobacteria

k\_Archaea;p\_Euryarchaeota;c\_Methanomicrobia

k\_Archaea;p\_Euryarchaeota;c\_Thermoplasmata

k\_Archaea;p\_[Parvarchaeota];c\_[Micrarchaea]

k\_Archaea;p\_[Parvarchaeota];c\_[Parvarchaea]

k\_Bacteria;p\_;

k\_Bacteria;p\_AC1;c\_

k\_Bacteria;p\_AD3;c\_ABS-6

k\_Bacteria;p\_AD3;c\_JG37-AG-4

k\_Bacteria;p\_Acidobacteria;c\_

k\_Bacteria;p\_Acidobacteria;c\_AT-s54

k\_Bacteria;p\_Acidobacteria;c\_Acidobacteria-5

k\_Bacteria;p\_Acidobacteria;c\_Acidobacteria-6

k\_Bacteria;p\_Acidobacteria;c\_Acidobacteriia

k\_Bacteria;p\_Acidobacteria;c\_BPC102

k\_Bacteria;p\_Acidobacteria;c\_DA052

k\_Bacteria;p\_Acidobacteria;c\_EC113

k\_Bacteria;p\_Acidobacteria;c\_GAL08

k\_Bacteria;p\_Acidobacteria;c\_Holophagae

k\_Bacteria;p\_Acidobacteria;c\_OS-K

k\_Bacteria;p\_Acidobacteria;c\_PAUC37f

k\_Bacteria;p\_Acidobacteria;c\_RB25

k\_Bacteria;p\_Acidobacteria;c\_S035

k\_Bacteria;p\_Acidobacteria;c\_Solibacteres

k\_Bacteria;p\_Acidobacteria;c\_Sva0725

k\_Bacteria;p\_Acidobacteria;c\_TM1

k\_Bacteria;p\_Acidobacteria;c\_[Chloracidobacteria]

k\_Bacteria;p\_Acidobacteria;c\_iii1-8

k\_Bacteria;p\_Actinobacteria;c\_

k\_Bacteria;p\_Actinobacteria;c\_Acidimicrobiia

k\_Bacteria;p\_Actinobacteria;c\_Actinobacteria

k\_Bacteria;p\_Actinobacteria;c\_Coriobacteriia

k\_Bacteria;p\_Actinobacteria;c\_MB-A2-108

k\_Bacteria;p\_Actinobacteria;c\_Nitriiruptoria

k\_Bacteria;p\_Actinobacteria;c\_OPB41

k\_Bacteria;p\_Actinobacteria;c\_Rubrobacteria

k\_Bacteria;p\_Actinobacteria;c\_Thermoleophilii

k\_Bacteria;p\_Armatimonadetes;c\_

k\_Bacteria;p\_Armatimonadetes;c\_0319-6E2

k\_Bacteria;p\_Armatimonadetes;c\_Armatimonadia

k\_Bacteria;p\_Armatimonadetes;c\_Chthonomonadetes

k\_Bacteria;p\_Armatimonadetes;c\_OPB50

k\_Bacteria;p\_Armatimonadetes;c\_SHA-37

k\_Bacteria;p\_Armatimonadetes;c\_SJA-176

k\_Bacteria;p\_Armatimonadetes;c\_[Fimbriimonadia]

k\_Bacteria;p\_BHI80-139;c\_

k\_Bacteria;p\_BRC1;c\_PRR-11

k\_Bacteria;p\_Bacteroidetes;c\_

k\_Bacteria;p\_Bacteroidetes;c\_At12OctB3

k\_Bacteria;p\_Bacteroidetes;c\_BME43

k\_Bacteria;p\_Bacteroidetes;c\_Bacteroidia

k\_Bacteria;p\_Bacteroidetes;c\_Cytophagia

k\_Bacteria;p\_Bacteroidetes;c\_Flavobacteria

k\_Bacteria;p\_Bacteroidetes;c\_Sphingobacteria

k\_Bacteria;p\_Bacteroidetes;c\_VC2\_1\_Bac22

k\_Bacteria;p\_Bacteroidetes;c\_[Rhodothermi]

k\_Bacteria;p\_Bacteroidetes;c\_[Saprospirae]

k\_Bacteria;p\_Chlamydiae;c\_Chlamydia

k\_Bacteria;p\_Chlorobi;c\_

k\_Bacteria;p\_Chlorobi;c\_BSV26

k\_Bacteria;p\_Chlorobi;c\_Ignavibacteria

k\_Bacteria;p\_Chlorobi;c\_OPB56

k\_Bacteria;p\_Chlorobi;c\_SJA-28

k\_Bacteria;p\_Chloroflexi;c\_

k\_Bacteria;p\_Chloroflexi;c\_Anaerolineae

k\_Bacteria;p\_Chloroflexi;c\_C0119

k\_Bacteria;p\_Chloroflexi;c\_Chloroflexi

k\_Bacteria;p\_Chloroflexi;c\_Ellin6529

k\_Bacteria;p\_Chloroflexi;c\_Gitt-GS-136

k\_Bacteria;p\_Chloroflexi;c\_Ktedonobacteria

k\_Bacteria;p\_Chloroflexi;c\_P2-11E

k\_Bacteria;p\_Chloroflexi;c\_S085

k\_Bacteria;p\_Chloroflexi;c\_SAR202

k\_Bacteria;p\_Chloroflexi;c\_SHA-26

k\_Bacteria;p\_Chloroflexi;c\_TK10

k\_Bacteria;p\_Chloroflexi;c\_TK17

k\_Bacteria;p\_Chloroflexi;c\_Thermomicrobia

k\_Bacteria;p\_Cyanobacteria;c\_4C0d-2

k\_Bacteria;p\_Cyanobacteria;c\_Chloroplast

k\_Bacteria;p\_Cyanobacteria;c\_ML635]-21

k\_Bacteria;p\_Cyanobacteria;c\_Nostocophycideae

k\_Bacteria;p\_Cyanobacteria;c\_Oscillatorophycideae

k\_Bacteria;p\_Cyanobacteria;c\_Synechococcophycideae

k\_Bacteria;p\_Elusimicrobia;c\_Elusimicrobia

k\_Bacteria;p\_Elusimicrobia;c\_Endomicrobia

k\_Bacteria;p\_FBP;c\_

k\_Bacteria;p\_FCPU426;c\_

k\_Bacteria;p\_Fibrobacteres;c\_Fibrobacteria

k\_Bacteria;p\_Fibrobacteres;c\_TG3

k\_Bacteria;p\_Firmicutes;c\_AHT28

k\_Bacteria;p\_Firmicutes;c\_Bacilli

k\_Bacteria;p\_Firmicutes;c\_Clostridia

k\_Bacteria;p\_Firmicutes;c\_Erysipelotrichi

k\_Bacteria;p\_Fusobacteria;c\_Fusobacteriia

k\_Bacteria;p\_GAL15;c\_

k\_Bacteria;p\_GN02;c\_

k\_Bacteria;p\_GN02;c\_3BR-5F

k\_Bacteria;p\_GN02;c\_BD1-5

k\_Bacteria;p\_GN02;c\_GKS2-174

k\_Bacteria;p\_GN02;c\_GN07

k\_Bacteria;p\_GN04;c\_

k\_Bacteria;p\_GOUTA4;c\_

k\_Bacteria;p\_Gemmatimonadetes;c\_

k\_Bacteria;p\_Gemmatimonadetes;c\_Gemm-1

k\_Bacteria;p\_Gemmatimonadetes;c\_Gemm-2

k\_Bacteria;p\_Gemmatimonadetes;c\_Gemm-3

k\_Bacteria;p\_Gemmatimonadetes;c\_Gemm-5

k\_Bacteria;p\_Gemmatimonadetes;c\_Gemmatimonadetes

k\_Bacteria;p\_Kazan-3B-28;c\_

k\_Bacteria;p\_Lentisphaerae;c\_

k\_Bacteria;p\_Lentisphaerae;c\_[Lentisphaeria]

k\_Bacteria;p\_MVP-21;c\_

k\_Bacteria;p\_NC10;c\_12-24

k\_Bacteria;p\_NKB19;c\_

k\_Bacteria;p\_NKB19;c\_TSBW08

k\_Bacteria;p\_Nitrospirae;c\_Nitrospira

k\_Bacteria;p\_OD1;c\_

k\_Bacteria;p\_OD1;c\_ABY1

k\_Bacteria;p\_OD1;c\_Mb-NB09

k\_Bacteria;p\_OD1;c\_SM2F11

k\_Bacteria;p\_OD1;c\_ZB2

k\_Bacteria;p\_OP11;c\_

k\_Bacteria;p\_OP11;c\_OP11-3

k\_Bacteria;p\_OP11;c\_OP11-4

k\_Bacteria;p\_OP11;c\_WCHB1-64

k\_Bacteria;p\_OP3;c\_

k\_Bacteria;p\_OP3;c\_PBS-25

k\_Bacteria;p\_OP3;c\_koll11

k\_Bacteria;p\_OP8;c\_

k\_Bacteria;p\_OP8;c\_OP8\_1

k\_Bacteria;p\_OP9;c\_JS1

k\_Bacteria;p\_PAUC34f;c\_

k\_Bacteria;p\_Plantcomycetes;c\_

k\_Bacteria;p\_Plantcomycetes;c\_028H05-P-BN-P5

k\_Bacteria;p\_Plantcomycetes;c\_BD7-11

k\_Bacteria;p\_Plantcomycetes;c\_C6

k\_Bacteria;p\_Plantcomycetes;c\_OM190

k\_Bacteria;p\_Plantcomycetes;c\_Phycisphaerae

k\_Bacteria;p\_Plantcomycetes;c\_Pla3

k\_Bacteria;p\_Plantcomycetes;c\_Pla4

k\_Bacteria;p\_Plantcomycetes;c\_Plantcomycetia

k\_Bacteria;p\_Plantcomycetes;c\_vadinHA49

k\_Bacteria;p\_Proteobacteria;c\_

k\_Bacteria;p\_Proteobacteria;c\_Alphaproteobacteria

k\_Bacteria;p\_Proteobacteria;c\_Betaproteobacteria

k\_Bacteria;p\_Proteobacteria;c\_Deltaproteobacteria

k\_Bacteria;p\_Proteobacteria;c\_Epsilonproteobacteria

k\_Bacteria;p\_Proteobacteria;c\_Gammaproteobacteria

k\_Bacteria;p\_Proteobacteria;c\_TA18

k\_Bacteria;p\_Proteobacteria;c\_Zetaproteobacteria

k\_Bacteria;p\_SBR1093;c\_VHS-B5-50

k\_Bacteria;p\_SR1;c\_

k\_Bacteria;p\_Spirochaetes;c\_Spirochaetes

k\_Bacteria;p\_Spirochaetes;c\_[Leptospirae]

k\_Bacteria;p\_Synergistetes;c\_Synergistia

k\_Bacteria;p\_TM6;c\_SBRH58

k\_Bacteria;p\_TM6;c\_SJA-4

k\_Bacteria;p\_TM7;c\_

k\_Bacteria;p\_TM7;c\_MJK10

k\_Bacteria;p\_TM7;c\_SK3

k\_Bacteria;p\_TM7;c\_TM7-1

k\_Bacteria;p\_TM7;c\_TM7-3

k\_Bacteria;p\_Tenericutes;c\_Mollicutes

k\_Bacteria;p\_Tenericutes;c\_RF3

k\_Bacteria;p\_Verrucomicrobia;c\_

k\_Bacteria;p\_Verrucomicrobia;c\_Opitutae

k\_Bacteria;p\_Verrucomicrobia;c\_Verruco-5

k\_Bacteria;p\_Verrucomicrobia;c\_Verrucomicrobiae

k\_Bacteria;p\_Verrucomicrobia;c\_[Methylacidiphilae]

k\_Bacteria;p\_Verrucomicrobia;c\_[Pedosphaerae]

k\_Bacteria;p\_Verrucomicrobia;c\_[Spartobacteria]

k\_Bacteria;p\_WPS-2;c\_

k\_Bacteria;p\_WS1;c\_

k\_Bacteria;p\_WS2;c\_SHA-109

k\_Bacteria;p\_WS3;c\_PRR-12

k\_Bacteria;p\_WS4;c\_

k\_Bacteria;p\_[Thermi];c\_Deinococci