k\_Archaea;Other;Other k\_\_Archaea;p\_\_ArchaeaKI;c\_\_ArchaeaKI k\_Archaea;p\_Crenarchaeota;Other ■ k\_\_Archaea;p\_\_Crenarchaeota;c\_\_C2 k\_Archaea;p\_Crenarchaeota;c\_CrenarchaeotaPH k\_Archaea;p\_Crenarchaeota;c\_Sd-NA k\_Archaea;p\_Crenarchaeota;c\_Thaumarchaeota k\_Archaea;p\_Crenarchaeota;c\_Thermoprotei k\_Archaea;p\_Crenarchaeota;c\_pISA7 k\_Archaea;p\_Crenarchaeota;c\_pMC2A209 k\_Archaea;p\_DHVE3;c\_DHVE3PH k\_\_Archaea;p\_\_Euryarchaeota;Other k\_Archaea;p\_Euryarchaeota;c\_ANME1 k\_Archaea;p\_Euryarchaeota;c\_Halobacteria k\_Archaea;p\_Euryarchaeota;c\_Methanobacteria k\_Archaea;p\_Euryarchaeota;c\_Methanococci k\_Archaea;p\_Euryarchaeota;c\_Methanomicrobia  $k\_Archaea; p\_Euryarchaeota; c\_Thermoplas mata$ k\_Archaea;p\_HydGC-84-221A;c\_HydGC-84-221APH ■ k\_\_Archaea;p\_\_pMC2A15;c\_\_pMC2A15PH k\_Archaea;p\_pMC2A384;c\_pMC2A384PH k\_Bacteria;Other;Other k\_Bacteria;p\_49S1\_2B;c\_49S1\_2BPH k\_Bacteria;p\_ABY1\_OD1;c\_ABY1\_OD1PH k\_Bacteria;p\_AC1;c\_LC-1 k\_Bacteria;p\_AC1;c\_SHA-114 ■ k\_Bacteria;p\_AD3;c\_ABS-6 k\_Bacteria;p\_AD3;c\_JG37-AG-4 k\_Bacteria;p\_Acidobacteria;Other k\_Bacteria;p\_Acidobacteria;c\_Acidobacteria (class) k\_Bacteria;p\_Acidobacteria;c\_Acidobacteria-5  $k\_Bacteria; p\_Acidobacteria; c\_Acidobacteria PH$ ■ k\_\_Bacteria;p\_\_Acidobacteria;c\_\_BPC102 k\_Bacteria;p\_Acidobacteria;c\_Chloracidobacteria  $k\_Bacteria; p\_Acidobacteria; c\_Holophagae$ k\_Bacteria;p\_Acidobacteria;c\_MVS-40 k\_Bacteria;p\_Acidobacteria;c\_OS-K k\_Bacteria;p\_Acidobacteria;c\_PAUC37f ■ k\_\_Bacteria;p\_\_Acidobacteria;c\_\_RB25 k\_Bacteria;p\_Acidobacteria;c\_Solibacteres k\_Bacteria;p\_Acidobacteria;c\_Sva0725 ■ k\_Bacteria;p\_Acidobacteria;c\_iii1-8 k\_Bacteria;p\_Actinobacteria;c\_Actinobacteria (class) k\_\_Bacteria;p\_\_Armatimonadetes;Other k\_Bacteria;p\_Armatimonadetes;c\_5B-18 k\_Bacteria;p\_Armatimonadetes;c\_ArmatimonadetesPH  $k\_Bacteria; p\_Armatimonadetes; c\_Armatimonadia$ k\_Bacteria;p\_Armatimonadetes;c\_CH21  $k\_Bacteria; p\_Armatimona detes; c\_Chthonomona detes$ k\_Bacteria;p\_Armatimonadetes;c\_S1a-1H k\_Bacteria;p\_Armatimonadetes;c\_SJA-176 k\_Bacteria;p\_BRC1;c\_09D2Y74 k\_Bacteria;p\_BRC1;c\_BRC1PH k\_Bacteria;p\_BRC1;c\_PRR-11 k\_Bacteria;p\_BacteriaKI;c\_BacteriaKI ■ k\_\_Bacteria;p\_\_Bacteroidetes;Other k\_Bacteria;p\_Bacteroidetes;c\_BacteroidetesPH ■ k\_\_Bacteria;p\_\_Bacteroidetes;c\_\_Bacteroidia k\_Bacteria;p\_Bacteroidetes;c\_Flavobacteria k\_Bacteria;p\_Bacteroidetes;c\_Sphingobacteria k\_Bacteria;p\_CCM11b;c\_CCM11bPH ■ k\_\_Bacteria;p\_\_CD12;Other ■ k\_Bacteria;p\_CD12;c\_CD12PH k\_Bacteria;p\_CD12;c\_MB-B2-116 k\_\_Bacteria;p\_\_Caldiserica;Other k\_Bacteria;p\_Caldiserica;c\_OP5 k\_Bacteria;p\_Caldithrix;c\_Caldithrixae k\_Bacteria;p\_Chlamydiae;c\_Chlamydiae (class) k\_Bacteria;p\_Chlorobi;Other k\_Bacteria;p\_Chlorobi;c\_BSV19 ■ k\_Bacteria;p\_Chlorobi;c\_Chlorobia k\_Bacteria;p\_Chlorobi;c\_Ignavibacteria k\_Bacteria;p\_Chlorobi;c\_OPB56 k\_Bacteria;p\_Chlorobi;c\_SJA-28 k\_Bacteria;p\_Chlorobi;c\_SM1B09 k\_\_Bacteria;p\_\_Chloroflexi;Other k\_Bacteria;p\_Chloroflexi;c\_Anaerolineae k\_Bacteria;p\_Chloroflexi;c\_Bljii12  $k\_Bacteria; p\_Chloroflexi; c\_Chloroflexi (class)$ ■ k\_\_Bacteria;p\_\_Chloroflexi;c\_\_Chloroflexi-4 k\_Bacteria;p\_Chloroflexi;c\_ChloroflexiPH k\_Bacteria;p\_Chloroflexi;c\_Dehalococcoidetes k\_Bacteria;p\_Chloroflexi;c\_Ktedonobacteria ■ k\_Bacteria;p\_Chloroflexi;c\_RA13C7 k\_Bacteria;p\_Chloroflexi;c\_SOGA31 ■ k\_Bacteria;p\_Chloroflexi;c\_TK-SH13 ■ k\_Bacteria;p\_Chloroflexi;c\_TK17 k\_Bacteria;p\_Chloroflexi;c\_Thermobacula k\_Bacteria;p\_Chloroflexi;c\_Thermomicrobia k\_\_Bacteria;p\_\_Cyanobacteria;Other k\_Bacteria;p\_Cyanobacteria;c\_4C0d-2 k\_Bacteria;p\_Cyanobacteria;c\_Chloroplast  $k\_Bacteria; p\_Cyanobacteria; c\_Cyanobacteria PH$  $k\_Bacteria; p\_Cyanobacteria; c\_Nostocophycideae$ k\_Bacteria;p\_Cyanobacteria;c\_Oscillatoriophycideae k\_Bacteria;p\_Cyanobacteria;c\_S15B-MN24 k\_Bacteria;p\_Cyanobacteria;c\_Synechococcophycideae k\_Bacteria;p\_Deferribacteres;c\_Deferribacteres (class) k\_Bacteria;p\_Elusimicrobia;Other k\_Bacteria;p\_Elusimicrobia;c\_Elusimicrobia (class) k\_Bacteria;p\_Elusimicrobia;c\_ElusimicrobiaPH k\_Bacteria;p\_Elusimicrobia;c\_Endomicrobia k\_Bacteria;p\_Fibrobacteres;c\_Fibrobacteres (class) k\_Bacteria;p\_Firmicutes;Other k\_Bacteria;p\_Firmicutes;c\_Bacilli k\_Bacteria;p\_Firmicutes;c\_Clostridia ■ k\_Bacteria;p\_Firmicutes;c\_Thermolithobacteria k\_Bacteria;p\_Fusobacteria;c\_Fusobacteria (class) k\_Bacteria;p\_GAL15;c\_GAL15PH k\_Bacteria;p\_GN02;Other ■ k\_Bacteria;p\_GN02;c\_BB34 k\_Bacteria;p\_GN02;c\_GKS2-174 ■ k\_Bacteria;p\_GN02;c\_GN02PH ■ k\_Bacteria;p\_GN02;c\_GN07 ■ k\_Bacteria;p\_GN02;c\_GN08 k\_Bacteria;p\_GN02;c\_VC12-cl04 k\_Bacteria;p\_GN04;Other k\_\_Bacteria;p\_\_GN04;c\_\_5bav\_B12 ■ k\_Bacteria;p\_GN04;c\_GN15 ■ k\_Bacteria;p\_GN04;c\_MSB-5A5 k\_Bacteria;p\_GN06;Other k\_Bacteria;p\_GN06;c\_GN06PH k\_Bacteria;p\_GN06;c\_KSB3 k\_Bacteria;p\_GN1;c\_GN1PH k\_Bacteria;p\_GN12;c\_GN12PH ■ k\_Bacteria;p\_GOUTA4;c\_GOUTA4PH k\_Bacteria;p\_GOUTA4;c\_RB384 k\_Bacteria;p\_Gemmatimonadetes;c\_Gemmatimonadetes (class) k\_Bacteria;p\_HDBW-WB69;c\_HDBW-WB69PH k\_Bacteria;p\_Hyd24-12;c\_Hyd24-12PH k\_Bacteria;p\_Hyd24-12;c\_WM88 k\_Bacteria;p\_KSB1;Other k\_Bacteria;p\_KSB1;c\_GW-22  $k\_Bacteria; p\_KSB1; c\_KSB1PH$ k\_Bacteria;p\_KSB1;c\_MSB-5B5 k\_Bacteria;p\_KSB1;c\_Ucn15732 k\_Bacteria;p\_LCP-89;c\_LCP-89PH ■ k\_Bacteria;p\_LD1;c\_LD1PH k\_Bacteria;p\_Lentisphaerae;c\_Lentisphaerae (class) k\_Bacteria;p\_Lentisphaerae;c\_LentisphaeraePH k\_Bacteria;p\_MD2896-B26;c\_MD2896-B26PH k\_Bacteria;p\_MSBL6;c\_AT425\_EubG1 ■ k\_\_Bacteria;p\_\_MVP-15;c\_\_MVP-15PH ■ k\_\_Bacteria;p\_\_NC10;c\_\_12-24 k\_Bacteria;p\_NKB19;Other ■ k\_Bacteria;p\_NKB19;c\_GN13 k\_Bacteria;p\_NKB19;c\_NKB19PH k\_Bacteria;p\_Nitrospirae;c\_Nitrospira (class) ■ k\_Bacteria;p\_OP1;c\_GAL35 k\_Bacteria;p\_OP11;Other k\_Bacteria;p\_OP11;c\_OP11-1 k\_Bacteria;p\_OP11;c\_OP11-2 k\_Bacteria;p\_OP11;c\_OP11-3 k\_Bacteria;p\_OP11;c\_OP11-4 k\_Bacteria;p\_OP11;c\_OP11PH k\_Bacteria;p\_OP11;c\_WCHB1-64 ■ k\_\_Bacteria;p\_\_OP3;Other k\_Bacteria;p\_OP3;c\_BD4-9 k\_\_Bacteria;p\_\_OP3;c\_\_OP3PH k\_Bacteria;p\_OP3;c\_PBS-25 k\_Bacteria;p\_OP3;c\_koll11 k\_Bacteria;p\_OP8;c\_OP8\_1 k\_Bacteria;p\_OP8;c\_OP8\_2 k\_\_Bacteria;p\_\_OP9;c\_\_JS1 ■ k\_Bacteria;p\_PAUC34f;c\_PAUC34fPH k\_Bacteria;p\_Planctomycetes;Other k\_Bacteria;p\_Planctomycetes;c\_C6 ■ k\_\_Bacteria;p\_\_Planctomycetes;c\_\_FFCH393 k\_Bacteria;p\_Planctomycetes;c\_Koll-18 k\_Bacteria;p\_Planctomycetes;c\_Kueneniae ■ k\_\_Bacteria;p\_\_Planctomycetes;c\_\_ODP123 ■ k\_\_Bacteria;p\_\_Planctomycetes;c\_\_PW285 k\_Bacteria;p\_Planctomycetes;c\_Phycisphaerae ■ k\_\_Bacteria;p\_\_Planctomycetes;c\_\_Planctomycea ■ k\_\_Bacteria;p\_\_Planctomycetes;c\_\_agg27 k\_Bacteria;p\_Planctomycetes;c\_vadinHA49 k\_Bacteria;p\_Proteobacteria;Other ■ 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\_ProteobacteriaPH k\_Bacteria;p\_Proteobacteria;c\_Zetaproteobacteria k\_Bacteria;p\_SAR406;Other k\_Bacteria;p\_SAR406;c\_AB16 k\_Bacteria;p\_SAR406;c\_Ulr1583 k\_Bacteria;p\_SBR1093;c\_SBR1093PH k\_Bacteria;p\_SBR1093;c\_VHS-B5-50 k\_Bacteria;p\_SC3;c\_SC3PH k\_Bacteria;p\_SC4;c\_KD3-113 k\_Bacteria;p\_SC4;c\_SC4PH k\_Bacteria;p\_SM2F11;c\_SM2F11PH ■ k\_Bacteria;p\_SPAM;c\_0319-6G9 k\_Bacteria;p\_SPAM;c\_FFCH6980 k\_Bacteria;p\_SR1;c\_SR1PH k\_Bacteria;p\_Spirochaetes;Other k\_Bacteria;p\_Spirochaetes;c\_Brachyspirae k\_Bacteria;p\_Spirochaetes;c\_GN05 k\_Bacteria;p\_Spirochaetes;c\_Leptospirae ■ k\_Bacteria;p\_Spirochaetes;c\_M1NP2-04 k\_Bacteria;p\_Spirochaetes;c\_Spirochaetes (class) k\_Bacteria;p\_Spirochaetes;c\_SpirochaetesPH k\_Bacteria;p\_Spirochaetes;c\_WWE1 k\_Bacteria;p\_Synergistetes;c\_Synergistia k\_Bacteria;p\_TG3;Other ■ k\_Bacteria;p\_TG3;c\_TG3-1 k\_Bacteria;p\_TG3;c\_TG3-2 k\_Bacteria;p\_TK-SH1;c\_TK-SH1PH k\_Bacteria;p\_TM6;Other k\_Bacteria;p\_TM6;c\_SBRH58 k\_Bacteria;p\_TM6;c\_SJA-4 ■ k\_\_Bacteria;p\_\_TM7;Other k\_Bacteria;p\_TM7;c\_MJK10 k\_Bacteria;p\_TM7;c\_TM7-1 k\_Bacteria;p\_TM7;c\_TM7-3 k\_Bacteria;p\_Tenericutes;Other k\_Bacteria;p\_Tenericutes;c\_Erysipelotrichi k\_Bacteria;p\_Tenericutes;c\_ML615J-28 k\_Bacteria;p\_Tenericutes;c\_Mollicutes k\_Bacteria;p\_Tenericutes;c\_TenericutesPH k\_Bacteria;p\_Thermi;c\_Deinococci k\_Bacteria;p\_Thermodesulfobacteria;c\_Thermodesulfobacteria (class) k\_Bacteria;p\_Thermotogae;c\_Thermotogae (class) k\_Bacteria;p\_Verrucomicrobia;Other k\_Bacteria;p\_Verrucomicrobia;c\_Methylacidiphilae k\_Bacteria;p\_Verrucomicrobia;c\_Opitutae k\_Bacteria;p\_Verrucomicrobia;c\_R76-B18 k\_Bacteria;p\_Verrucomicrobia;c\_Spartobacteria ■ k\_\_Bacteria;p\_\_Verrucomicrobia;c\_\_TP21 k\_Bacteria;p\_Verrucomicrobia;c\_Verruco-5 k\_Bacteria;p\_Verrucomicrobia;c\_VerrucomicrobiaPH ■ k\_Bacteria;p\_Verrucomicrobia;c\_Verrucomicrobiae k\_Bacteria;p\_WPS-2;c\_WPS-2PH k\_Bacteria;p\_WS1;c\_WS1PH ■ k\_Bacteria;p\_WS2;c\_WS2PH ■ k\_Bacteria;p\_WS3;c\_PRR-12 k\_\_Bacteria;p\_\_WS6;c\_\_SC72

k\_Bacteria;p\_ZB2;c\_ZB2PH k\_Bacteria;p\_ZB3;c\_Rs-J96 k\_Bacteria;p\_ZB3;c\_ZB3PH