ASV84_CAG56 ASV296_Howardella ASV434_Enterorhab/277_Mogibacterium ASV64_[Ruminococcus] gauvreauii group ASV19<mark>5_</mark>Slackia ASV48_Succinivibrio ASV239_Lachnospiraceae FCS020 group ASV559_Adlercreutzia ASV1907_Paludicola ASV28_Parabacteroides ASV31_Catenibacterium ASV2_Agathobacter ASV29_Holdemanella ASV252_Senegalimassilia ASV24_Subdoligranulum ASV32 [Burninggoccus] torques group ASV165_Barnesiella ASV42_Ruminocoas\\$1469_Hsldemania_aerotruncus ASV7_[Eubacterium] hallif group ASV97_Desulfovibrio ASV68_Butyrivibrio ASV498_Prevotella_7 ASV179_[Eubacterium] xylanophilum group ASV263_Oscillibacter ASV576_[Eubacterium] fissicatena group elatoclostridium ASV39_Anaerostipes ASV21_Alistipes ASV142_Odoribacter ASV201_[Eubacterium] ventriosum group ASV518_Butyricimonas ASV394_UBAASV49317Ekawonifracters3_Coprococcus ASV35_EscherichiaShigella ASV106_Alloprevotella_PASV218_PASV04@la_Coprobacter ASV672_[Eubacterium] brachy group ASV62_Streptococcus ASV430_[Clostridium] innocuum group ASV71_Erysipelotrichaceae UCG003 ASV1635_Oscillospira ASV102 [Eubacterium] siraeum group ASV34_Lachnospiraceae NK4A136 group ASV94_Rikenellaceae RC9 gut group ASV161_Solobacterium ASV220_Bilophila ASV23_UCG002 ASV67 Lachnoclostridium ASV453_Peptococcus ASV248_Lachnospiraceae U6809277_Actinomyces ASV70_Lachnospiraceae ND3007 group ASV40_Akkermansia ASV495_Candidatus Soleaferrea ASV43_Roseburia ASV288_Limbistys_Christensenenate Repetition group ASV424_UCG009 ASV136_UCGQQ\$V123_NK4A214 gr8Vp282_Lachnospiraceae UCG004 ASV780_Methanosphaera ASV78_Lachnospira ASV266_Coriobacteriaceae UCG003 ASV125_UCG005 ASV639 AVEN 256 La Family XIII AD3011 group ASV130 Megasphaera ASV1506_Rothia ASV270 Colidextribacter ASV642 Allisonella ASV25_Clostridium sensu stricto 1 ASV11_Romboutsia ASV346_Lachnospiraceae NK3A20 group ASV234_Lachnospirage 466012 cter ASV353_Marvinbryantia ASV299_Mitsuokella ASV712_Veillonella ASV677_Acidaminococcus ASV135_Terrisporobacter ASV63_Ligilactobacillus ASV610_GCA900066575 ASV279_Haemophilus

ASV84_CAG56 ASV296_Howardella ASV434_Enterorhabaya_Mogibacterium ASV64_[Ruminococcus] gauvreauii group ASV195_Slackia ASV48_Succinivibrio ASV3_Faecalibacterium

ASV39_Lachnospiraceae FCS020 group ASV14_Prevotella_9 ASV559_Adlercreutzia ASV1907_Paludicola ASV28_Parabacteroides ASV31_Catenibacterium ASV2_ASV5_Fusicatenibacter ASV29_Holdemanella ASV252_Senegalimassilia ASV24_Subdoligranulum A\$V32 [Burninggoccus] torques group ASV42_Ruminocoasss1469_Haldemania_ania_erotruncus ASV165_Barnesiella ASV7 [Eubacterium] hallif group ASV97_Bacteroides ASV68_Butyrivibrio ASV498_Prevotella_7 ASV179_[Eubacterium] xylanophilum group Blautia ASV263_Oscillibacter ASV576_[Eubacterium] fissicatena groupelatoclostridium ASV21_Alistipes ASV142_Odoribacter ASV201_[Eubacterium] ventriosum group ASV518_Butyricimonas ASV394_UBA1819 ASSM483[FLAMANitractors] gnavusAssAssAssAcoprococcus ASV35_EscherichiaShigella ASV106_Alloprevotella_PASV218_PASVØ4@17a_Coprobacter ASV672_[Eubacterium] brachy group ASV62_Streptococcus ASV430_[Clostridium] innocuum group ASV71_Erysipelotrichaceae UCG003 ASV1635_Oscillospira ASV102 [Eubacterium] siraeum group ASV34 Lachnospiraceae NK4A136 group ASV94_Rikenellaceae RC9 gut group ASV161_Solobacterium ASV220_Bilophila ASV23_UCG002 ASV67_Lachnoclostridium ASV453_Peptococcus ASV248_Lachnospiraceae U&&V&477_Actinomyces_ASV70_Lachnospiraceae ND3007 group ASV40_Akkermansia ASV495_Candidatus Soleaferrea A\$V43_Roseburia ASV386_Lactobacillus ASV53 Christensenellaceae Rygroup ASV288_Limosilactobacillus ASV424_UCG009 ASV136_UCGQQ\$V123_NK4A214 gr6Vp282_Lachnospiraceae UCG004 ASV780_Methanosphaera ASV78_Lachnospira ASV266_Coriobacteriaceae UCG003 ASV125_UCG005 ASV639_AVEX/256912Family XIII AD3011 group ASV1506_Rothia ASV130_Megasphaera ASV270_Colidextribacter ASV642_Allisonella ASV25_Clostridium_sensu stricto 1 ASV11_Romboutsia ASV346_Lachnospiraceae NK3A20 group ASV353_Marvinbryantia ASV299_Mitsuokella ASV36_Intestinibacter ASV712_Veillonella ASV677_Acidaminococcus ASV135_Terrisporobacter ASV63_Ligilactobacillus ASV610_GCA900066575

ASV59 Dialister ASV168 Phascolarctobacterium

ASV59_Dialister ASV168_Phascolarctobacterium

ASV279_Haemophilus