

SPN1 Kiloniella kloniella larminariae\_nov\_87.416%  
 SPN10 Oscillibacter ruminantium\_nov\_88.367%  
 SPN100 Breznakia pachnodae\_nov\_87.821%  
 SPN101 Eubacterium xylanophilum\_nov\_97.727%  
 SPN102 Ruminococcus champanellensis\_nov\_95.928%  
 SPN106 Alkalibaculum bacchi\_nov\_83.108%  
 SPN109 Acetanaerobacterium elongatum\_nov\_92.081%  
 SPN11 Ruminococcaceae\_[G-2] bacterium\_HMT\_085\_nov\_94.369%  
 SPN116 Anaerocolumna cellulositytica\_nov\_96.833%  
 SPN119 Oscillibacter ruminantium\_nov\_94.144%  
 SPN12 Agathobaculum desmolans\_nov\_97.279%  
 SPN120 Oscillibacter valericigenes\_nov\_94.344%  
 SPN126 Erysipelotrichaceae\_[G-1] bacterium\_HMT\_905\_nov\_92.625%  
 SPN129 Ruminococcaceae\_[G-2] bacterium\_HMT\_085\_nov\_93.946%  
 SPN13 Clostridiales\_[F-1][G-2] bacterium\_HMT\_402\_nov\_92.777%  
 SPN134 Ruminococcaceae\_[G-2] bacterium\_HMT\_085\_nov\_91.011%  
 SPN14 unclassified\_Ruminococcaceae\_sp.\_str.\_D16\_nov\_89.414%  
 SPN140 Prevotella stercorea\_nov\_97.403%  
 SPN144 Ruminococcus callidus\_nov\_94.369%  
 SPN149 Eubacterium coprostanoligenes\_nov\_97.059%  
 SPN15 Treponema denticola\_nov\_90.000%  
 SPN152 Lachnobacterium bovis\_nov\_95.711%  
 SPN16 Succinivibrio dextrinosolvens\_nov\_96.372%  
 SPN161 Mediterranea massiliensis\_nov\_92.641%  
 SPN17 Eubacterium coprostanoligenes\_nov\_97.732%  
 SPN170 Kineothrix alysoides\_nov\_96.825%  
 SPN172 Tyzzerella [Clostridium] colinum\_nov\_95.955%  
 SPN18 Anaeromassilibacillus senegalensis\_nov\_88.435%  
 SPN182 Faecalibacterium prausnitzii\_nov\_97.964%  
 SPN183 Lachnoclostridium sp.\_str.\_SS2/1\_nov\_96.364%  
 SPN19 Kineothrix alysoides\_nov\_95.918%  
 SPN192 Sporobacter termitidis\_nov\_93.034%  
 SPN193 Clostridiales\_[F-1][G-2] bacterium\_HMT\_402\_nov\_89.038%  
 SPN194 Oscillibacter ruminantium\_nov\_93.919%  
 SPN2 Alloprevotella rava\_nov\_92.857%  
 SPN20 Saccharofermentans acetigenes\_nov\_89.462%  
 SPN203 Ruminoclostridium leptum\_nov\_95.011%  
 SPN205 Lachnospira pectinoschiza\_nov\_96.372%  
 SPN21 Parasporebacterium paucivorans\_nov\_95.455%  
 SPN213 Flavonifractor plautii\_nov\_95.711%  
 SPN216 Prevotella copri\_nov\_97.397%  
 SPN22 Oscillibacter ruminantium\_nov\_93.243%  
 SPN222 Anaerobacterium chartisolvens\_nov\_89.462%  
 SPN226 Lachnospira eligens\_nov\_94.785%  
 SPN23 unclassified\_Ruminococcaceae\_sp.\_str.\_D16\_nov\_93.243%  
 SPN236 Eubacterium ruminantium\_nov\_97.279%  
 SPN24 Eubacterium coprostanoligenes\_nov\_95.270%  
 SPN241 Christensenella hongkongensis\_nov\_87.220%  
 SPN246 Butyrivibrio sp.\_HMT\_090\_nov\_92.795%  
 SPN249 Sporobacter termitidis\_nov\_90.562%  
 SPN25 Ruminococcaceae\_[G-2] bacterium\_HMT\_085\_nov\_93.905%  
 SPN255 Paraprevotella clara\_nov\_97.609%  
 SPN257 Adlercreutzia muris\_nov\_94.796%  
 SPN26 Ruminococcaceae\_[G-2] bacterium\_HMT\_085\_nov\_94.369%  
 SPN264 Prevotella colorans\_nov\_93.492%  
 SPN266 Clostridiales\_[F-1][G-2] bacterium\_HMT\_402\_nov\_91.216%  
 SPN27 Dialister succinatiphilus\_nov\_95.931%  
 SPN275 Sporobacter termitidis\_nov\_93.243%  
 SPN276 Prevotella copri\_nov\_97.831%  
 SPN28 Anaerovibrio lipolyticus\_nov\_93.548%  
 SPN287 Clostridium sp.\_str.\_NML04A032\_nov\_92.793%  
 SPN288 Prevotella copri\_nov\_97.835%  
 SPN289 Christensenella massiliensis\_nov\_90.766%  
 SPN29 Prevotella sp.\_HMT\_396\_nov\_97.614%  
 SPN299 Acetivibrio ethanolignens\_nov\_95.909%  
 SPN3 Clostridium sp.\_str.\_NML04A032\_nov\_88.814%  
 SPN30 Fusicatenibacter saccharivorans\_nov\_96.599%  
 SPN301 Acutalibacter muris\_nov\_96.509%  
 SPN77 Oscillibacter ruminantium\_nov\_94.344%  
 SPN78 Alistipes indistinctus\_nov\_96.529%  
 SPN79 Bacteroidetes\_[G-3] bacterium\_HMT\_365\_nov\_89.655%  
 SPN8 Coprococcus catus\_nov\_96.154%  
 SPN80 Anaerotruncus colihominis\_nov\_93.850%  
 SPN81 Acetivibrio clariflavus\_nov\_90.745%  
 SPN82 Ruminococcaceae\_[G-2] bacterium\_HMT\_085\_nov\_92.411%  
 SPN83 Calycanthus floridus\_Oral\_Taxon\_D07\_nov\_97.297%  
 SPN84 Lachnospira eligens\_nov\_97.959%  
 SPN85 Bacteroides zoogloeiformans\_nov\_92.625%  
 SPN86 Fournierella massiliensis\_nov\_95.455%  
 SPN87 Agathobaculum desmolans\_nov\_97.738%  
 SPN88 Butyricoccus pullicaecorum\_nov\_94.382%  
 SPN89 Desulfovibrio sp.\_HMT\_040\_nov\_92.521%  
 SPN9 Firmicutes\_[G] sp.\_Oral\_Taxon\_A55\_nov\_91.880%  
 SPN90 Muribaculum intestinale\_nov\_90.043%  
 SPN91 Hespelia porcina\_nov\_95.238%  
 SPN92 Breznakia pachnodae\_nov\_83.512%  
 SPN93 Desulfohalotomaculum tongense\_nov\_87.696%  
 SPN94 Prevotella copri\_nov\_97.174%  
 SPN95 Christensenella massiliensis\_nov\_88.739%  
 SPN96 Oscillibacter ruminantium\_nov\_92.601%  
 SPN97 Coprococcus catus\_nov\_96.136%  
 SPN98 Holdemanella bififormis\_nov\_97.854%  
 SPN99 Ihubacter massiliensis\_nov\_96.606%  
 SPP1 Bacteroides sp.\_str.\_4136\_uniformis  
 SPP103 Bacteroides cellulosityticus\_sp.\_str.\_WH2  
 SPP104 Anaerostipes\_Lacnocolostridium\_unclassified\_Lachnospiraceae\_hadrus\_sp.\_SSC/2\_sp.\_str.\_cont1.81  
 SPP105 Lactobacillus\_Ligilactobacillus\_ruminis  
 SPP109 Neisseria flavescens\_flavescens|subflava  
 SPP11 Streptococcus cristatus\_gwangjuense\_infantis\_infantis\_clade\_431\_...(20 species)  
 SPP111 Neisseria flavescens|subflava\_perflava  
 SPP113 Streptococcus sanguinis\_sp.\_HMT\_074  
 SPP115 Bacteroides\_Phocaeicola\_coprocola  
 SPP117 Blautia\_Mediterraneibacter [Ruminococcus] lactaris\_lactaris  
 SPP118 Atopobium\_Lancefieldella parvula\_parvulum  
 SPP12 Roseburia faecalis\_faecis  
 SPP127 Streptococcus parasanguinis\_II\_parasanguinis\_clade\_411\_sp.\_HMT\_057  
 SPP134 Granulicatella adiacens\_padiacens  
 SPP135 Actinomyces\_Schaalia odontolytica\_odontolyticus  
 SPP136 Bacteroides sp.\_str.\_3140A\_sp.\_str.\_4347FAA  
 SPP137 Blautia\_Mediterraneibacter [Ruminococcus] gnavus\_gnavus  
 SPP138 Blautia\_unclassified\_Lachnospiraceae\_sp.\_str.\_cont1.79\_torques  
 SPP14 Lachnoclostridium sp.\_SM4/1\_sp.\_str.\_M62/1  
 SPP15 Bacteroides\_Phocaeicola\_dorei\_sp.\_Oral\_Taxon\_D25\_sp.\_str.\_219\_sp.\_str.\_313\_...(4 species)  
 SPP17 Streptococcus salivarius\_sp.\_str.\_ACS2\_sp.\_str.\_C150\_vestibulari\_...(4 species)  
 SPP18 Parvimonas sp.\_HMT\_110\_sp.\_HMT\_393\_sp.\_Oral\_Taxon\_110  
 SPP19 Bifidobacterium adolescentis\_faecale  
 SPP2 Streptococcus gordonii\_sp.\_str.\_2136FAA  
 SPP20 Porphyromonas cationiae\_sp.\_HMT\_284  
 SPP21 Porphyromonas cationiae\_sp.\_HMT\_275\_sp.\_HMT\_284  
 SPP25 Streptococcus sanguinis\_sp.\_Oral\_Taxon\_B66  
 SPP26 Escherichia\_Shigella coli\_dysenteriae\_fergusonii\_flexneri\_sonnei  
 SPP27 Gemella morbillorum\_morbillum  
 SPP28 Bacteroides\_Phocaeicola\_coprophilus  
 SPP29 Blautia obeum\_wexlerae  
 SPP3 Streptococcus anginosus\_constellatus  
 SPP30 Prevotella histicola\_melaninogenica  
 SPP39 Neisseria flava\_macacae\_mucosa\_sicca\_sp.\_TM101  
 SPP4 Actinomyces\_Schaalia odontolyticus\_sp.\_HMT\_180  
 SPP41 Enterobacter asburiae\_cancerogenus\_cloacae\_hormaechei  
 SPP42 Enterobacter\_Leclercia\_Pantoea adecarboxylata\_agglomerans\_cloacae\_ludwigii  
 SPP43 Bacteroides sp.\_str.\_XB1A\_xylanisolvens  
 SPP46 Fusobacterium naviforme\_nucleatum\_nucleatum\_ss\_vincentii\_nucleat\_...(4 species)  
 SPP47 Fusobacterium\_nucleatum\_nucleatum\_ss\_nucleatum\_nucleatum\_subsp.\_nucleatum  
 SPP48 Fusobacterium\_nucleatum\_nucleatum\_ss\_nucleatum\_nucleatum\_subsp.\_...(4 species)  
 SPP49 Fusobacterium\_nucleatum\_nucleatum\_subsp.\_vincentii  
 SPP5 Actinomyces\_Schaalia odontolyticus\_sp.\_HMT\_180