

pecies

- SP1 *Blautia hominis*
- SP2 *Bacteroides thetaiotaomicron*
- SP3 *Akkermansia muciniphila*
- SP4 *Sutterella* sp.\_str.\_cont1.66
- SP6 *Parasutterella excrementihominis*
- SP7 *Romboutsia timonensis*
- SPN1 unclassified\_Ruminococcaceae sp.\_str.\_D16\_nov\_96.132%
- SPN10 *Anaerotruncus rubiinfantis*\_nov\_83.179%
- SPN100 *Blautia marasmi*\_nov\_90.680%
- SPN101 *Duncaniella freteri*\_nov\_85.958%
- SPN102 Ruminococcaceae [G-2] bacterium\_HMT\_085\_nov\_90.389%
- SPN103 *Lacrimispora xylanolytica*\_nov\_91.245%
- SPN104 *Lacrimispora xylanolytica*\_nov\_91.406%
- SPN105 *Duncaniella freteri*\_nov\_93.208%
- SPN106 *Phocaea massiliensis*\_nov\_90.060%
- SPN107 *Kineothrix alysoides*\_nov\_91.451%
- SPN108 *Oscillibacter valericigenes*\_nov\_91.939%
- SPN109 *Anaeroplasmabactoclasticum*\_nov\_87.352%
- SPN11 *Oscillibacter valericigenes*\_nov\_94.027%
- SPN110 *Bacteroides capillosus*\_nov\_90.076%
- SPN111 *Lacnospirillum* sp.\_str.\_M62/1\_nov\_91.085%
- SPN112 *Eisenbergiella massiliensis*\_nov\_87.218%
- SPN113 *Acetivibrio cellulolyticus*\_nov\_83.851%
- SPN114 *Duncaniella freteri*\_nov\_94.162%
- SPN115 *Oscillibacter valericigenes*\_nov\_90.613%
- SPN116 *Eisenbergiella massiliensis*\_nov\_90.421%
- SPN117 *Ruminococcus champanellensis*\_nov\_92.262%
- SPN118 *Sporobacter termitidis*\_nov\_83.168%
- SPN119 Clostridiales [F-1][G-1] bacterium\_HMT\_093\_nov\_84.091%
- SPN12 unclassified\_Ruminococcaceae sp.\_str.\_D16\_nov\_93.077%
- SPN120 unclassified\_Ruminococcaceae sp.\_str.\_D16\_nov\_95.769%
- SPN121 *Oscillibacter valericigenes*\_nov\_94.402%
- SPN122 unclassified\_Ruminococcaceae sp.\_str.\_D16\_nov\_92.115%
- SPN123 *Kineothrix alysoides*\_nov\_88.654%
- SPN124 *Duncaniella freteri*\_nov\_90.323%
- SPN125 *Acetivibrio cellulolyticus*\_nov\_83.090%
- SPN126 *Eisenbergiella massiliensis*\_nov\_86.346%
- SPN127 *Anaerostipes* sp.\_str.\_3256FAA\_nov\_96.332%

- SPN128 *Ruminoclostridium cellulolyticum*\_nov\_82.704%
- SPN129 *Hydrogenoanaerobacterium saccharovorans*\_nov\_89.942%
- SPN13 *Kineothrix alysoides*\_nov\_91.473%
- SPN130 *Kineothrix alysoides*\_nov\_87.129%
- SPN131 *Leifsonia kafniensis*\_nov\_84.158%
- SPN132 *Oscillibacter valericigenes*\_nov\_93.642%
- SPN133 *Eisenbergiella massiliensis*\_nov\_90.684%
- SPN134 *Lacnospirillum* sp.\_str.\_L2\_50\_nov\_87.968%
- SPN135 *Oscillibacter valericigenes*\_nov\_92.278%
- SPN136 *Duncaniella freteri*\_nov\_93.774%
- SPN137 *Oscillibacter valericigenes*\_nov\_94.981%
- SPN138 *Duncaniella freteri*\_nov\_88.476%
- SPN139 *Roseburia inulinivorans*\_nov\_87.925%
- SPN14 *Hydrogenoanaerobacterium saccharovorans*\_nov\_89.942%
- SPN140 *Mobilitalea sibirica*\_nov\_87.795%
- SPN141 *Eisenbergiella massiliensis*\_nov\_90.734%
- SPN142 *Eubacterium coprostanoligenes*\_nov\_91.511%
- SPN15 *Lachnospirillum* [Clostridium] polysaccharolyticum\_nov\_93.243%
- SPN16 *Oscillibacter valericigenes*\_nov\_94.175%
- SPN17 *Turicibacter sanguinis*\_nov\_95.635%
- SPN18 *Acetivibrio cellulolyticus*\_nov\_85.921%
- SPN19 *Kineothrix alysoides*\_nov\_91.211%
- SPN2 *Lacnospirillum symbiosum*\_nov\_95.146%
- SPN20 *Eisenbergiella massiliensis*\_nov\_88.636%
- SPN21 *Lacnospirillum bolteae*\_nov\_95.146%
- SPN22 *Eisenbergiella massiliensis*\_nov\_91.262%
- SPN23 *Oscillibacter valericigenes*\_nov\_91.954%
- SPN24 *Lacnospirillum bolteae*\_nov\_91.683%
- SPN25 *Ruminoclostridium cellulolyticum*\_nov\_83.762%
- SPN26 *Eisenbergiella massiliensis*\_nov\_89.126%
- SPN27 Ruminococcaceae [G-2] bacterium\_HMT\_085\_nov\_88.115%
- SPN28 *Eisenbergiella massiliensis*\_nov\_85.389%
- SPN29 *Kineothrix alysoides*\_nov\_92.636%
- SPN3 *Lacrimispora saccharolytica*\_nov\_89.981%
- SPN30 *Oscillibacter valericigenes*\_nov\_93.295%
- SPN31 *Faecalimonas umbilicata*\_nov\_94.798%
- SPN32 *Duncaniella freteri*\_nov\_88.598%
- SPN33 Ruminococcaceae [G-2] bacterium\_HMT\_085\_nov\_91.057%

- SPN34 *Christensenella massiliensis*\_nov\_84.571%
- SPN35 *Oscillibacter valericigenes*\_nov\_93.605%
- SPN36 *Eisenbergiella massiliensis*\_nov\_88.123%
- SPN37 *Phocaea massiliensis*\_nov\_90.297%
- SPN38 *Pseudoflavonifractor phocaeensis*\_nov\_86.122%
- SPN39 *Marvinbryantia formatexigens*\_nov\_91.942%
- SPN4 *Acutalibacter muris*\_nov\_88.359%
- SPN40 *Kineothrix alysoides*\_nov\_91.054%
- SPN41 *Oscillibacter valericigenes*\_nov\_92.308%
- SPN43 *Anaeromassilibacillus senegalensis*\_nov\_92.460%
- SPN44 *Ruminoclostridium cellulolyticum*\_nov\_83.300%
- SPN45 *Sporobacter termitidis*\_nov\_87.897%
- SPN46 *Butyrivibrio proteoclasticus*\_nov\_85.714%
- SPN47 *Lacrimispora xylanolytica*\_nov\_88.593%
- SPN48 *Tyzzera* [Clostridium] colinum\_nov\_88.655%
- SPN49 *Bacteroides capillosus*\_nov\_90.613%
- SPN5 *Oscillibacter valericigenes*\_nov\_90.751%
- SPN56 *Duncaniella freteri*\_nov\_90.262%
- SPN6 *Oscillibacter valericigenes*\_nov\_93.822%
- SPN60 unclassified\_Ruminococcaceae sp.\_str.\_D16\_nov\_91.571%
- SPN66 *Duncaniella freteri*\_nov\_93.208%
- SPN7 *Anaerocolumna cellulolytica*\_nov\_90.116%
- SPN71 *Kineothrix alysoides*\_nov\_90.559%
- SPN77 *Lachnospirillum* [Clostridium] polysaccharolyticum\_nov\_86.320%
- SPN8 *Blautia hominis*\_nov\_97.773%
- SPN82 *Eisenbergiella massiliensis*\_nov\_90.267%
- SPN88 *Butyrivibrio pullicaecorum*\_nov\_85.934%
- SPN9 *Anaerostipes aminivorans*\_nov\_92.184%
- SPN91 *Hathewayia proteolytica*\_nov\_84.569%
- SPN96 *Duncaniella freteri*\_nov\_88.037%
- SPN97 *Kineothrix alysoides*\_nov\_91.633%
- SPN98 *Oscillibacter valericigenes*\_nov\_90.996%
- SPN99 *Pseudoflavonifractor phocaeensis*\_nov\_90.211%
- SPPN1 multigenus multispecies\_sppn1\_2\_nov\_87.739%
- SPPN2 multigenus multispecies\_sppn2\_2\_nov\_90.979%
- SPPN3 multigenus multispecies\_sppn3\_2\_nov\_84.557%
- SPPN4 multigenus multispecies\_sppn4\_2\_nov\_92.456%
- SPPN6 *Lachnospirillum bolteae*