

SP23 Lactobacillus taiwanensis  
SP24 Acutalibacter muris  
SP27 Roseburia faecis  
SP28 Flavonifractor plautii  
SP29 Oscillospiraceae [G-2] bacterium MOT-149  
SP3 Lachnospiraceae [G-14] bacterium MOT-183  
SP30 Robinsoniella peoriensis  
SP31 Lachnospiraceae [G-9] bacterium MOT-174  
SP32 Eubacteriales [G-4] bacterium MOT-164  
SP33 Erysipelatoclostridium [Clostridium] cocleatum  
SP34 Alistipes timonensis  
SP35 Eubacteriales [G-2] bacterium MOT-162  
SP36 Lawsonibacter asaccharolyticus  
SP37 Eubacteriales [G-1] bacterium MOT-159  
SP38 Eubacteriales [G-1] bacterium MOT-158  
SP39 Neglectibacter timonensis  
SP4 Bacteroides stercorisoris  
SP40 Eubacteriales [G-3] bacterium MOT-163  
SP42 Lachnospiraceae [G-2] bacterium MOT-167  
SP43 Oscillospiraceae [G-7] bacterium MOT-154  
SP44 Clostridium tertium  
SP5 Muribaculum intestinale  
SP6 Lachnospiraceae [G-14] bacterium MOT-184  
SP7 Oscillospiraceae [G-6] bacterium MOT-153  
SP8 Parabacteroides goldsteinii  
SP9 Akkermansia muciniphila  
SPN1 Prevotellamassilia timonensis nov\_92.641%  
SPN10 Parabacteroides goldsteinii nov\_97.614%  
SPN100 Anaerotaenia torta nov\_97.273%  
SPN101 Oscillospiraceae [G-3] bacterium MOT-150 nov\_90.745%  
SPN102 Kineothrix alysoidea nov\_95.227%  
SPN103 Anaerotruncus rubiinfantis nov\_92.760%  
SPN104 Muribaculaceae [G-2] bacterium MOT-104 nov\_91.991%  
SPN105 Mediterraneibacter [Ruminococcus] gnavus nov\_93.424%  
SPN106 Alistipes putredinis nov\_95.887%  
SPN107 Oscillibacter valerigenes nov\_95.260%  
SPN108 Kineothrix alysoidea nov\_97.279%  
SPN109 Pseudobutyrvibrio ruminis nov\_91.176%  
SPN11 Lachnospiraceae [G-9] bacterium MOT-174 nov\_96.364%  
SPN110 Muribaculaceae [G-1] bacterium MOT-129 nov\_91.522%  
SPN111 Saccharofermentans acetigenes nov\_88.764%  
SPN112 Lacrimispora indolis nov\_90.724%  
SPN113 Kineothrix alysoidea nov\_93.651%  
SPN114 Lawsonibacter asaccharolyticus nov\_97.973%  
SPN115 Lachnospiraceae [G-14] bacterium MOT-185 nov\_92.358%  
SPN116 Muribaculaceae [G-2] bacterium MOT-104 nov\_90.870%  
SPN117 Muribaculaceae [G-2] bacterium MOT-104 nov\_93.043%  
SPN118 Muribaculaceae [G-2] bacterium MOT-104 nov\_91.106%  
SPN119 Alistipes putredinis nov\_95.879%  
SPN12 Oscillospiraceae [G-4] bacterium MOT-151 nov\_93.708%  
SPN120 Odoribacter splanchnicus nov\_93.939%  
SPN121 Oscillospiraceae [G-2] bacterium MOT-149 nov\_95.506%  
SPN122 Ruthenibacterium lactatiformans nov\_97.045%  
SPN123 Lachnospiraceae [G-10] bacterium MOT-175 nov\_95.475%  
SPN124 Lachnospiraceae [G-11] bacterium MOT-178 nov\_97.978%  
SPN125 Lachnospiraceae [G-9] bacterium MOT-174 nov\_96.388%  
SPN126 Lachnospiraceae [G-14] bacterium MOT-185 nov\_96.599%  
SPN127 Muribaculaceae [G-2] bacterium MOT-104 nov\_90.022%  
SPN128 Faecalicatena orotica nov\_95.238%  
SPN129 Enterocloster asparagiformis nov\_94.344%  
SPN13 Prevotellamassilia timonensis nov\_94.168%  
SPN130 Eisenbergiella massiliensis nov\_96.599%  
SPN131 Neglectibacter timonensis nov\_97.500%  
SPN132 Mailhella massiliensis nov\_92.094%  
SPN133 Anaerotruncus rubiinfantis nov\_92.517%  
SPN134 Neglectibacter timonensis nov\_97.727%  
SPN135 Butyricicoccus pullicaecorum nov\_94.820%

SPN150 Alistipes putredinis nov\_96.529%  
SPN151 Lawsonibacter asaccharolyticus nov\_97.297%  
SPN152 Clostridium oryzae nov\_88.889%  
SPN153 Eisenbergiella massiliensis nov\_95.260%  
SPN154 Rhodospirillum rubrum nov\_88.036%  
SPN155 Lawsonibacter asaccharolyticus nov\_95.730%  
SPN156 Eubacteriales [G-3] bacterium MOT-163 nov\_95.023%  
SPN157 Anaerotignum lactatifermentans nov\_97.523%  
SPN158 Phocaea massiliensis nov\_95.682%  
SPN159 Oscillospiraceae [G-2] bacterium MOT-149 nov\_96.171%  
SPN16 Harryllintia acetispora nov\_96.388%  
SPN160 Lachnospiraceae [G-6] bacterium MOT-171 nov\_95.485%  
SPN161 Lachnospiraceae [G-6] bacterium MOT-171 nov\_96.606%  
SPN162 Muribaculum intestinale nov\_93.737%  
SPN163 Clostridiales [F-1][G-1] bacterium HMT\_093 nov\_90.337%  
SPN164 Falcatimonas natans nov\_92.955%  
SPN165 Lachnospiraceae [G-14] bacterium MOT-184 nov\_95.692%  
SPN166 Butyricicoccus pullicaecorum nov\_94.382%  
SPN167 Kineothrix alysoidea nov\_95.465%  
SPN168 Oscillospiraceae [G-2] bacterium MOT-149 nov\_96.396%  
SPN169 Eubacteriales [G-3] bacterium MOT-163 nov\_93.679%  
SPN17 Marvinbryantia formatexigens nov\_91.403%  
SPN170 Lachnospiraceae [G-12] bacterium MOT-180 nov\_93.665%  
SPN171 Duncaniella freteri nov\_88.462%  
SPN172 Lachnoclostridium [Clostridium] populeti nov\_94.331%  
SPN173 Lachnospiraceae [G-14] bacterium MOT-184 nov\_95.227%  
SPN174 Lachnoclostridium [Clostridium] populeti nov\_96.145%  
SPN175 Anaerotruncus rubiinfantis nov\_93.182%  
SPN176 Saccharibacteria (TM7) [G-3] bacterium HMT\_351 nov\_97.065%  
SPN177 Eubacteriales [G-4] bacterium MOT-164 nov\_96.606%  
SPN178 Oscillospiraceae [G-2] bacterium MOT-149 nov\_95.270%  
SPN179 Eubacteriales [G-4] bacterium MOT-165 nov\_97.059%  
SPN18 Lachnospiraceae [G-10] bacterium MOT-175 nov\_90.693%  
SPN180 Anaerotruncus colihominis nov\_94.091%  
SPN181 Mageeibacillus indolicus nov\_87.668%  
SPN182 Lachnospiraceae [G-12] bacterium MOT-179 nov\_94.796%  
SPN183 Muribaculaceae [G-2] bacterium MOT-104 nov\_92.873%  
SPN184 Lachnospiraceae [G-14] bacterium MOT-184 nov\_95.238%  
SPN185 Lachnoclostridium [Clostridium] populeti nov\_92.955%  
SPN186 Roseburia faecis nov\_95.475%  
SPN187 Muricomes intestini nov\_94.331%  
SPN188 Neglectibacter timonensis nov\_97.959%  
SPN189 Eubacteriales [G-2] bacterium MOT-162 nov\_95.692%  
SPN19 Lachnospiraceae [G-7] bacterium MOT-172 nov\_94.344%  
SPN190 Harryllintia acetispora nov\_93.468%  
SPN191 Kineothrix alysoidea nov\_96.372%  
SPN192 Gracilibacter thermotolerans nov\_88.315%  
SPN193 Lachnospiraceae [G-11] bacterium MOT-176 nov\_97.297%  
SPN194 Lachnospiraceae [G-11] bacterium MOT-178 nov\_96.629%  
SPN195 Oscillospiraceae [G-2] bacterium MOT-149 nov\_93.919%  
SPN196 Paludicola psychrotolerans nov\_94.533%  
SPN197 Oscillospiraceae [G-2] bacterium MOT-149 nov\_95.291%  
SPN198 Oscillibacter ruminantium nov\_93.919%  
SPN199 Anaerostipes butyraticus nov\_97.285%  
SPN2 Acetatifactor muris nov\_92.551%  
SPN20 Roseburia intestinalis nov\_95.475%  
SPN200 Alistipes sp. MOT-127 nov\_91.775%  
SPN201 Murimonas intestini nov\_96.591%  
SPN202 Clostridiales [F-1][G-1] bacterium HMT\_093 nov\_86.323%  
SPN203 Eubacteriales [G-4] bacterium MOT-165 nov\_97.065%  
SPN204 Kineothrix alysoidea nov\_97.059%  
SPN205 Lachnoclostridium [Clostridium] populeti nov\_92.986%  
SPN206 Kineothrix alysoidea nov\_96.136%  
SPN207 Anaerocolumna jejuniensis nov\_92.358%  
SPN208 Saccharibacteria (TM7) [G-3] bacterium HMT\_351 nov\_96.847%  
SPN209 Eubacteriales [G-1] bacterium MOT-160 nov\_95.270%  
SPN21 Christensenella hongkongensis nov\_86.353%

SPN225 Eubacteriales [G-4] bacterium MOT-165 nov\_95.918%  
SPN226 Lachnospiraceae [G-9] bacterium MOT-174 nov\_96.136%  
SPN23 Peptostreptococcaceae [XI][G-2] bacterium HMT\_091 nov\_93.0  
SPN24 Harryllintia acetispora nov\_92.517%  
SPN25 Peptococcus sp. HMT\_168 nov\_89.979%  
SPN26 Kineothrix alysoidea nov\_93.682%  
SPN27 Parabacteroides goldsteinii nov\_93.074%  
SPN3 Saccharofermentans acetigenes nov\_88.739%  
SPN32 Coprococcus catus nov\_94.570%  
SPN38 Roseburia faecis nov\_97.964%  
SPN4 Bilophila wadsworthia nov\_91.684%  
SPN49 Duncaniella freteri nov\_93.103%  
SPN5 Oscillibacter valerigenes nov\_95.475%  
SPN53 Eubacterium ventriosum nov\_96.825%  
SPN6 Oscillospiraceae [G-1] bacterium MOT-147 nov\_95.937%  
SPN60 Muribaculaceae [G-2] bacterium MOT-104 nov\_93.074%  
SPN63 Muribaculaceae [G-2] bacterium MOT-104 nov\_92.441%  
SPN7 Lachnospiraceae [G-2] bacterium MOT-167 nov\_97.968%  
SPN72 Lacrimispora xylanolytica nov\_97.285%  
SPN74 Hydrogenoanaerobacterium saccharovorans nov\_93.636%  
SPN78 Culturomica massiliensis nov\_93.709%  
SPN79 Kineothrix alysoidea nov\_95.928%  
SPN8 Gracilibacter thermotolerans nov\_87.668%  
SPN80 Lachnospiraceae [G-10] bacterium MOT-175 nov\_96.372%  
SPN81 Oscillospiraceae [G-4] bacterium MOT-151 nov\_96.847%  
SPN82 Muribaculaceae [G-2] bacterium MOT-104 nov\_92.191%  
SPN83 Lachnospiraceae [G-10] bacterium MOT-175 nov\_92.174%  
SPN84 Lachnoclostridium pacaense nov\_96.825%  
SPN85 Muribaculaceae [G-2] bacterium MOT-104 nov\_89.462%  
SPN86 Eubacterium coprostanoligenes nov\_95.485%  
SPN87 Muribaculaceae [G-2] bacterium MOT-104 nov\_91.974%  
SPN88 Lachnospiraceae [G-12] bacterium MOT-179 nov\_92.534%  
SPN89 Lachnospiraceae [G-14] bacterium MOT-184 nov\_94.989%  
SPN9 Eisenbergiella tayi nov\_94.318%  
SPN90 Pseudoflavonifractor capillosus nov\_95.721%  
SPN91 Anaerotignum lactatifermentans nov\_95.270%  
SPN92 Lachnospiraceae [G-9] bacterium MOT-174 nov\_95.238%  
SPN93 Caecibacterium sporiformans nov\_95.045%  
SPN94 Alistipes timonensis nov\_97.831%  
SPN95 Oscillospiraceae [G-2] bacterium MOT-149 nov\_95.946%  
SPN96 Oscillospiraceae [G-2] bacterium MOT-149 nov\_94.157%  
SPN97 Alistipes senegalensis nov\_95.228%  
SPN98 Oscillospiraceae [G-4] bacterium MOT-151 nov\_91.723%  
SPN99 Lachnospiraceae [G-11] bacterium MOT-177 nov\_97.523%  
SPP1 Clostridium sporicum saudiense  
SPP2 Enterobacter asburiae cancerogenus cloacae hormaechei  
SPP3 Bacteroides acidifaciens acidifaciens  
SPP4 Lachnospiraceae [G-12] bacterium MOT-179 bacterium MOT-18  
SPP5 Blautia hansenii hominis marasmi  
SPPN1 multigenus multispecies sppn1\_2 nov\_95.918%  
SPPN10 multigenus multispecies sppn10\_2 nov\_95.918%  
SPPN11 multigenus multispecies sppn11\_2 nov\_95.465%  
SPPN12 Alistipes multispecies sppn12\_2 nov\_96.304%  
SPPN13 multigenus multispecies sppn13\_5 nov\_94.570%  
SPPN14 multigenus multispecies sppn14\_2 nov\_82.889%  
SPPN15 Eubacteriales [G-1] multispecies sppn15\_2 nov\_97.511%  
SPPN16 multigenus multispecies sppn16\_2 nov\_96.833%  
SPPN17 multigenus multispecies sppn17\_2 nov\_95.928%  
SPPN18 multigenus multispecies sppn18\_2 nov\_92.063%  
SPPN19 multigenus multispecies sppn19\_3 nov\_96.818%  
SPPN2 Bacteroidetes [G-3] multispecies sppn2\_2 nov\_87.554%  
SPPN20 multigenus multispecies sppn20\_3 nov\_95.455%  
SPPN21 Roseburia multispecies sppn21\_3 nov\_95.711%  
SPPN22 multigenus multispecies sppn22\_2 nov\_95.465%  
SPPN23 multigenus multispecies sppn23\_2 nov\_96.818%  
SPPN24 multigenus multispecies sppn24\_2 nov\_93.878%  
SPPN25 multigenus multispecies sppn25\_3 nov\_96.145%