

## Species

● SP13 Parabacteriella excrementihominis  
● SP16 Phocaeicola sartorii  
● SP17 Lactococcus lactis  
● SP18 Parabacteroides goldsteinii  
● SP19 Eubacteriales\_[G-1] bacterium\_MOT-159  
● SP2 Erysipelatoclostridium [Clostridium] cocleatum  
● SP20 Eubacteriales\_[G-3] bacterium\_MOT-163  
● SP21 Eubacteriales\_[G-2] bacterium\_MOT-162  
● SP22 Streptococcus danieliae  
● SP23 Lactococcus cremoris  
● SP24 Bacteroides acidifaciens  
● SP25 Duncaniella freteri  
● SP26 Lactobacillus gasseri  
● SP27 Microbacterium kitamiense  
● SP28 Enterococcus gallinarum  
● SP29 Parvibacter caecicola  
● SP3 Ligilactobacillus murinus  
● SP30 Helicobacter ganmani  
● SP31 Lachnospiraceae\_[G-3] bacterium\_MOT-168  
● SP32 Lachnospiraceae\_[G-14] bacterium\_MOT-185  
● SP33 Lachnospiraceae\_[G-1] bacterium\_MOT-166  
● SP34 Eubacteriales\_[G-4] bacterium\_MOT-164  
● SP35 Oscillospiraceae\_[G-7] bacterium\_MOT-154  
● SP36 Phocaeicola vulgatus  
● SP37 Adlercreutzia mucosicola  
● SP4 Romboutsia ilealis  
● SP40 Microbacterium foliorum  
● SP41 Oscillospiraceae\_[G-6] bacterium\_MOT-153  
● SP42 Acetatifactor muris  
● SP43 Streptococcus sp.\_MOT-012  
● SP5 Adlercreutzia muris  
● SP6 Lactobacillus johnsonii  
● SP7 Adlercreutzia caecimuris  
● SP8 Limosilactobacillus reuteri  
● SP9 Parabacteroides distasonis  
● SPN1 Oscillospiraceae\_[G-2] bacterium\_MOT-149\_nov\_93.241%  
● SPN10 Lachnospiraceae\_[G-14] bacterium\_MOT-185\_nov\_93.333%  
● SPN100 Eubacterium ramulus\_nov\_91.296%  
● SPN101 Lachnospiraceae\_[G-3] bacterium\_MOT-168\_nov\_94.653%  
● SPN102 Lawsonibacter asaccharolyticus\_nov\_91.571%  
● SPN103 Adlercreutzia caecimuris\_nov\_94.000%  
● SPN104 Lancelfieldella parvula\_nov\_91.552%  
● SPN105 Oscillospiraceae\_[G-2] bacterium\_MOT-149\_nov\_93.861%  
● SPN106 Lachnospiraceae\_[G-9] bacterium\_MOT-174\_nov\_90.234%  
● SPN107 Faecalibaculum rodentium\_nov\_96.571%  
● SPN108 Prevotella shahii\_nov\_87.054%  
● SPN109 Meditteraneanibacter [Ruminococcus] torques\_nov\_94.212%  
● SPN11 Lachnospiraceae\_[G-14] bacterium\_MOT-185\_nov\_93.517%  
● SPN110 Anaerotruncus rubinifantis\_nov\_91.506%  
● SPN111 Sporobacter termitidis\_nov\_82.970%  
● SPN112 Anaerotruncum lactatifermentans\_nov\_95.577%  
● SPN113 Leifsonia kafiensis\_nov\_84.158%  
● SPN114 Lachnospiraceae\_[G-7] bacterium\_MOT-172\_nov\_93.204%  
● SPN115 Lachnospiraceae\_[G-7] bacterium\_MOT-172\_nov\_91.945%  
● SPN116 Lachnospiraceae\_[G-14] bacterium\_MOT-185\_nov\_92.353%  
● SPN117 Adlercreutzia caecimuris\_nov\_95.382%  
● SPN118 Duncaniella freteri\_nov\_90.152%  
● SPN119 Mailhella massiliensis\_nov\_90.377%  
● SPN12 Eisenbergiella massiliensis\_nov\_92.969%  
● SPN120 Duncaniella freteri\_nov\_87.896%  
● SPN121 Parasutterella excrementihominis\_nov\_94.584%  
● SPN122 Phoea massiliensis\_nov\_90.297%  
● SPN123 Pseudoflavonifractor phocaensis\_nov\_95.761%  
● SPN124 Anaerotruncum aminivorans\_nov\_93.173%  
● SPN125 Blautia producta\_nov\_96.132%  
● SPN126 Lachnospiraceae\_[G-9] bacterium\_MOT-174\_nov\_86.957%  
● SPN127 Lachnospiraceae\_[G-11] bacterium\_MOT-176\_nov\_92.885%  
● SPN128 Oscillospiraceae\_[G-4] bacterium\_MOT-151\_nov\_93.491%  
● SPN129 Tyzzerella [Clostridium] colinum\_nov\_88.494%  
● SPN13 Lachnospiraceae\_[G-14] bacterium\_MOT-182\_nov\_87.160%  
● SPN130 Lachnospiraceae\_[G-7] bacterium\_MOT-172\_nov\_96.698%

● SPN142 Lachnospiraceae\_[Clostridium] scindens\_nov\_89.827%  
● SPN143 Muribaculaceae\_[G-1] bacterium\_MOT-129\_nov\_89.768%  
● SPN144 Lachnospiraceae\_[G-14] bacterium\_MOT-182\_nov\_89.200%  
● SPN145 Eubacterium oxidoreducens\_nov\_88.846%  
● SPN146 Duncaniella freteri\_nov\_89.077%  
● SPN147 Acutalibacter muris\_nov\_94.264%  
● SPN148 Phoea massiliensis\_nov\_90.239%  
● SPN149 Lachnospiraceae\_[Clostridium] polysaccharolyticum\_nov\_88.462%  
● SPN15 Oscillospiraceae\_[G-3] bacterium\_MOT-150\_nov\_93.910%  
● SPN150 Lachnospiraceae\_[G-13] bacterium\_MOT-181\_nov\_91.634%  
● SPN151 Muribaculaceae\_[G-2] bacterium\_MOT-104\_nov\_89.905%  
● SPN152 Lachnospiraceae\_[G-6] bacterium\_MOT-171\_nov\_94.841%  
● SPN153 Anaerotruncum aminivorans\_nov\_92.585%  
● SPN154 Faecalicatena orotica\_nov\_94.553%  
● SPN155 Ithubacter massiliensis\_nov\_94.402%  
● SPN156 Clostridium collagenovorans\_nov\_83.466%  
● SPN157 Sporobacter termitidis\_nov\_82.659%  
● SPN158 Absiella tortuosum\_nov\_88.725%  
● SPN159 Adlercreutzia caecimuris\_nov\_92.277%  
● SPN16 Oscillospiraceae\_[G-4] bacterium\_MOT-151\_nov\_95.858%  
● SPN160 Oscillibacter valericigenes\_nov\_95.164%  
● SPN161 Faecalicatena fissicatena\_nov\_94.521%  
● SPN162 Lachnospiraceae\_[G-14] bacterium\_MOT-183\_nov\_97.967%  
● SPN163 Lachnospiraceae\_[G-3] bacterium\_MOT-168\_nov\_95.050%  
● SPN164 Faecalicatena fissicatena\_nov\_94.129%  
● SPN165 Breznakia pachnodae\_nov\_83.181%  
● SPN166 Hathewayia proteolytica\_nov\_84.970%  
● SPN167 Lachnospiraceae\_[Clostridium] polysaccharolyticum\_nov\_90.751%  
● SPN168 Parabacteroides merdae\_nov\_93.182%  
● SPN169 Eubacterium ramulus\_nov\_89.362%  
● SPN17 Lactobacillus gasseri\_nov\_93.345%  
● SPN170 Eisenbergiella massiliensis\_nov\_86.127%  
● SPN171 Lachnospiraceae\_[G-7] bacterium\_MOT-172\_nov\_94.831%  
● SPN172 Faecalibaculum rodentium\_nov\_96.571%  
● SPN173 Lachnospiraceae\_[G-3] bacterium\_MOT-168\_nov\_96.252%  
● SPN174 Lachnospiraceae\_[G-9] bacterium\_MOT-174\_nov\_92.216%  
● SPN175 Adlercreutzia caecimuris\_nov\_92.644%  
● SPN176 Lachnospiraceae\_[Clostridium] scindens\_nov\_90.211%  
● SPN177 Duncaniella freteri\_nov\_88.598%  
● SPN178 Lachnospiraceae\_[Clostridium] polysaccharolyticum\_nov\_92.636%  
● SPN179 Lachnospiraceae\_[G-6] bacterium\_MOT-171\_nov\_94.083%  
● SPN18 Lachnospiraceae\_[G-5] bacterium\_MOT-170\_nov\_97.614%  
● SPN180 Lachnospiraceae\_[G-11] bacterium\_MOT-178\_nov\_95.358%  
● SPN181 Faecalicatena fissicatena\_nov\_95.499%  
● SPN182 Lachnospiraceae\_[G-14] bacterium\_MOT-185\_nov\_94.726%  
● SPN183 Pseudoflavonifractor phocaensis\_nov\_92.131%  
● SPN184 Hydrogenoanaerobacterium saccharovorans\_nov\_90.522%  
● SPN185 Pseudoflavonifractor phocaensis\_nov\_86.756%  
● SPN186 Phoea massiliensis\_nov\_90.060%  
● SPN187 Lachnospiraceae\_[G-14] bacterium\_MOT-185\_nov\_94.726%  
● SPN188 Eubacterium coprostanoligenes\_nov\_90.476%  
● SPN189 Duncaniella freteri\_nov\_89.013%  
● SPN19 Eubacteriales\_[G-1] bacterium\_MOT-159\_nov\_93.976%  
● SPN190 Clostridiales\_[F-1][G-1] bacterium\_HMT\_093\_nov\_84.298%  
● SPN191 Oscillospiraceae\_[G-4] bacterium\_MOT-151\_nov\_94.477%  
● SPN192 Clostridiales\_[F-1][G-1] bacterium\_HMT\_093\_nov\_91.892%  
● SPN193 Neglectibacter timonensis\_nov\_94.318%  
● SPN194 Eisenbergiella massiliensis\_nov\_87.669%  
● SPN195 Duncaniella freteri\_nov\_87.453%  
● SPN196 Saccharibacteria\_(TM7)\_[G-3] bacterium\_HMT\_351\_nov\_95.551%  
● SPN197 Butyrivibrio sp.\_HMT\_455\_nov\_83.556%  
● SPN198 Muribaculaceae\_[G-2] bacterium\_MOT-104\_nov\_89.544%  
● SPN199 Oscillospiraceae\_[G-2] bacterium\_MOT-149\_nov\_96.640%  
● SPN2 Lachnospiraceae\_[G-11] bacterium\_MOT-176\_nov\_94.798%  
● SPN20 Anaerotruncus rubinifantis\_nov\_92.636%  
● SPN200 Faecalicatena fissicatena\_nov\_93.810%  
● SPN201 Sporobacter termitidis\_nov\_88.294%  
● SPN202 Eubacteriales\_[G-1] bacterium\_MOT-159\_nov\_88.550%  
● SPN203 Lacrimispora xylanolytica\_nov\_93.969%  
● SPN204 Oscillospiraceae\_[G-2] bacterium\_MOT-149\_nov\_93.452%  
● SPN205 Lachnospiraceae\_[G-14] bacterium\_MOT-182\_nov\_93.490%

● SPN217 Duncaniella freteri\_nov\_89.893%  
● SPN218 Lawsonibacter asaccharolyticus\_nov\_91.379%  
● SPN219 Adlercreutzia muris\_nov\_89.506%  
● SPN22 Lachnospiraceae\_[G-11] bacterium\_MOT-176\_nov\_94.981%  
● SPN220 Lachnospiraceae\_[G-2] bacterium\_MOT-167\_nov\_97.018%  
● SPN221 Roseburia hominis\_nov\_91.715%  
● SPN222 Acetivibrio cellulolyticus\_nov\_83.644%  
● SPN223 Mailhella massiliensis\_nov\_89.888%  
● SPN224 Faecalimonas umbilicata\_nov\_92.692%  
● SPN225 Anaerotruncum aminivorans\_nov\_92.600%  
● SPN226 Blautia producta\_nov\_95.174%  
● SPN227 Lachnospiraceae\_[G-11] bacterium\_MOT-178\_nov\_93.064%  
● SPN228 Lachnospiraceae\_[G-6] bacterium\_MOT-171\_nov\_93.307%  
● SPN229 Mollicutes\_[G-2] bacterium\_MOT-187\_nov\_90.841%  
● SPN23 Anaerotruncus rubinifantis\_nov\_87.931%  
● SPN230 Lachnospiraceae\_[G-11] bacterium\_MOT-178\_nov\_91.715%  
● SPN231 Alloprevotella sp.\_HMT\_473\_nov\_90.177%  
● SPN232 Lachnospiraceae\_[G-6] bacterium\_MOT-171\_nov\_93.254%  
● SPN233 Eisenbergiella massiliensis\_nov\_87.308%  
● SPN234 Lacrimispora xylanolytica\_nov\_92.308%  
● SPN235 Muricomes intestini\_nov\_89.921%  
● SPN236 Oscillibacter valericigenes\_nov\_93.654%  
● SPN237 Kineothrix alysoides\_nov\_87.352%  
● SPN238 Lachnospiraceae\_[Clostridium] aminophilum\_nov\_87.476%  
● SPN24 Hydrogenoanaerobacterium saccharovorans\_nov\_88.439%  
● SPN26 Blautia faecicola\_nov\_89.709%  
● SPN3 Lachnospiraceae\_[G-11] bacterium\_MOT-178\_nov\_94.220%  
● SPN32 Lawsonibacter asaccharolyticus\_nov\_90.421%  
● SPN38 Anaeroplasma abactoclasticum\_nov\_87.352%  
● SPN4 Breznakia pachnodae\_nov\_81.284%  
● SPN42 Lachnospiraceae\_[Clostridium] aminophilum\_nov\_89.961%  
● SPN49 Bacteroides uniformis\_nov\_95.594%  
● SPN5 Lawsonibacter asaccharolyticus\_nov\_92.514%  
● SPN53 Hydrogenoanaerobacterium saccharovorans\_nov\_88.395%  
● SPN6 Cuneatibacter caecimuris\_nov\_92.486%  
● SPN60 Lacrimispora xylanolytica\_nov\_91.992%  
● SPN63 Lachnospiraceae\_[G-12] bacterium\_MOT-179\_nov\_94.737%  
● SPN66 Eisenbergiella massiliensis\_nov\_90.805%  
● SPN67 Lacrimispora xylanolytica\_nov\_94.314%  
● SPN68 Lachnospiraceae\_[G-11] bacterium\_MOT-177\_nov\_95.874%  
● SPN69 Lachnospiraceae\_[G-6] bacterium\_MOT-171\_nov\_94.643%  
● SPN7 Acetivibrio cellulolyticus\_nov\_84.058%  
● SPN70 Oscillospiraceae\_[G-2] bacterium\_MOT-149\_nov\_95.050%  
● SPN71 Eisenbergiella massiliensis\_nov\_88.699%  
● SPN72 Bacteroidetes\_[G-3] bacterium\_HMT\_436\_nov\_85.575%  
● SPN73 Lachnospiraceae\_[Clostridium] scindens\_nov\_88.247%  
● SPN74 Muribaculaceae\_[G-1] bacterium\_MOT-129\_nov\_87.308%  
● SPN75 Lachnospiraceae\_[G-11] bacterium\_MOT-176\_nov\_95.155%  
● SPN76 Lachnospiraceae\_[G-6] bacterium\_MOT-171\_nov\_95.050%  
● SPN77 Lachnospiraceae\_[Clostridium] polysaccharolyticum\_nov\_87.308%  
● SPN78 Olsenella phocaensis\_nov\_92.172%  
● SPN79 Roseburia hominis\_nov\_92.471%  
● SPN8 Roseburia inulinivorans\_nov\_93.786%  
● SPN80 Parabacteroides distasonis\_nov\_97.514%  
● SPN81 Lachnospiraceae\_[G-14] bacterium\_MOT-182\_nov\_92.245%  
● SPN82 Faecalicatena orotica\_nov\_92.218%  
● SPN83 Eubacterium xylanophilum\_nov\_91.149%  
● SPN84 Lachnospiraceae\_[Clostridium] polysaccharolyticum\_nov\_93.050%  
● SPN85 Lachnospiraceae\_[G-1] bacterium\_MOT-166\_nov\_95.661%  
● SPN86 Longibaculum muris\_nov\_93.910%  
● SPN87 Parabacteroides distasonis\_nov\_97.323%  
● SPN88 Lachnospiraceae\_[G-14] bacterium\_MOT-185\_nov\_92.105%  
● SPN89 Lachnospiraceae\_[G-6] bacterium\_MOT-171\_nov\_95.644%  
● SPN9 Oscillospiraceae\_[G-2] bacterium\_MOT-149\_nov\_93.097%  
● SPN90 Turicibacter sanguinis\_nov\_95.817%  
● SPN91 Bariatricus massiliensis\_nov\_93.037%  
● SPN92 Clostridium collagenovorans\_nov\_80.952%  
● SPN93 Eubacterium ventriosum\_nov\_92.843%  
● SPN94 Mucispirillum schaedleri\_nov\_93.110%  
● SPN95 Fusicatenibacter saccharivorans\_nov\_91.018%  
● SPN96 Desulfotomaculum acidifaciens\_nov\_80.468%