

## Species

SP21 Peptococcaceae\_[G-1] bacterium\_MOT-146  
SP22 Duncaniella freteri  
SP23 Oscillospiraceae\_[G-6] bacterium\_MOT-153  
SP24 Sphingobium limneticum  
SP25 Actinidia eriantha  
SP26 Lactococcus cremoris  
SP27 Microbacterium foliorum  
SP28 Lactococcus lactis  
SP29 Moraxella osloensis  
SP3 Ligactobacillus murinus  
SP30 Leclercia adecarboxylata  
SP31 Parabacteroides distasonis  
SP32 Adlercreutzia mucosicola  
SP33 Acinetobacter Iwoffi  
SP34 Streptococcus danieliae  
SP35 Burkholderia lata  
SP36 Phocaeicola sartorii  
SP37 Adlercreutzia muris  
SP38 Erwinia billingiae  
SP39 Sphingomonas carotinfaciens  
SP4 Limosilactobacillus reuteri  
SP40 Clostridium disporicum  
SP41 Yokenella regensburgei  
SP42 Phocaeicola vulgatus  
SP43 Pseudomonas veronii  
SP44 Lachnospiraceae\_[G-14] bacterium\_MOT-185  
SP45 Eubacteriales\_[G-4] bacterium\_MOT-164  
SP46 Eubacteriales\_[G-2] bacterium\_MOT-162  
SP47 Blastococcus aggregatus  
SP48 Acinetobacter johnsonii  
SP49 Massilia arenae  
SP5 Kocuria indica  
SP50 Bacteroides acidifaciens  
SP51 Pseudomonas cedrina  
SP52 Siccibacter turicensis  
SP53 Pelomonas saccharophila  
SP54 Parasutterella excrementihominis  
SP55 Eubacteriales\_[G-1] bacterium\_MOT-159  
SP59 Parabacteroides goldsteini  
SP6 Eubacteriales\_[G-3] bacterium\_MOT-163  
SP60 Pedobacter quisuilliarum  
SP61 Helicobacter ganmani  
SP62 Lachnospiraceae\_[G-1] bacterium\_MOT-166  
SP63 Parvibacter caecicola  
SP64 Blastococcus saxosidens  
SP66 Sphingomonas echinoides  
SP67 Pseudomonas helleri  
SP68 Afipia broomeae  
SP69 Lachnospiraceae\_[G-3] bacterium\_MOT-168  
SP7 Erysipelatoclostridium [Clostridium] cocleatum  
SP70 Pseudomonas extremaustralis  
SP71 Klebsiella michiganensis  
SP72 Microbacterium kitamiense  
SP73 Enterobacter cloacae  
SP74 Oscillospiraceae\_[G-7] bacterium\_MOT-154  
SP75 Parahelheimera mesophila  
SP76 Enterobacter hormaechei  
SP77 Streptococcus sanguinis  
SP8 Lactobacillus johnsonii  
SP9 Lactobacillus gasseri  
SPN1 Lachnospiraceae\_[G-6] bacterium\_MOT-171\_nov\_93.307%  
SPN10 Oscillibacter valericigenes\_nov\_93.654%  
SPN100 Lachnospiraceae\_[G-1] bacterium\_MOT-166\_nov\_95.661%  
SPN101 Lachnospiraceae\_[G-11] bacterium\_MOT-176\_nov\_95.543%  
SPN102 Bacteroidetes\_[G-3] bacterium\_HMT\_436\_nov\_85.575%  
SPN103 Lachnospiraceae\_[G-3] bacterium\_MOT-168\_nov\_94.059%  
SPN104 Lachnospiraceae\_[G-14] bacterium\_MOT-185\_nov\_92.105%  
SPN105 Lachnospiraceae\_[G-6] bacterium\_MOT-171\_nov\_95.644%  
SPN106 Prevotella shahii\_nov\_87.242%  
SPN107 Faecalicatena orotica\_nov\_94.553%

SPN131 Mailhella massiliensis\_nov\_90.377%  
SPN132 Lachnospiraceae\_[G-7] bacterium\_MOT-172\_nov\_91.945%  
SPN133 Lachnospiraceae\_[G-7] bacterium\_MOT-172\_nov\_93.204%  
SPN134 Duncaniella freteri\_nov\_90.152%  
SPN135 Duncaniella freteri\_nov\_87.896%  
SPN136 Parasutterella excrementihominis\_nov\_94.584%  
SPN137 Phocaea massiliensis\_nov\_90.297%  
SPN138 Pseudoflavonifractor phocaeensis\_nov\_95.761%  
SPN139 Anaerotignum aminovorans\_nov\_93.173%  
SPN14 Faecalicatena fissicatena\_nov\_93.580%  
SPN140 Muribaculaceae\_[G-1] bacterium\_MOT-129\_nov\_87.308%  
SPN141 Lachnospiraceae\_[G-9] bacterium\_MOT-174\_nov\_86.957%  
SPN142 Lachnospiraceae\_[G-11] bacterium\_MOT-176\_nov\_92.885%  
SPN143 Ihubacter massiliensis\_nov\_94.767%  
SPN144 Tyzzerella [Clostridium] colinum\_nov\_88.494%  
SPN145 Planococcus massiliensis\_nov\_96.992%  
SPN146 Lachnospiraceae\_[G-7] bacterium\_MOT-172\_nov\_86.508%  
SPN147 Lachnospiraceae\_[G-12] bacterium\_MOT-180\_nov\_89.942%  
SPN148 Eubacterium coprostanoligenes\_nov\_91.892%  
SPN149 Duncaniella freteri\_nov\_87.759%  
SPN15 Oscillospiraceae\_[G-2] bacterium\_MOT-149\_nov\_93.241%  
SPN150 Lachnospiraceae\_[G-7] bacterium\_MOT-172\_nov\_92.843%  
SPN151 Lachnoclostridium [Clostridium] polysaccharolyticum\_nov\_93.050%  
SPN152 Lachnospiraceae\_[G-7] bacterium\_MOT-172\_nov\_86.047%  
SPN153 Mediterraneibacter [Ruminococcus] torques\_nov\_95.200%  
SPN154 Lachnospiraceae\_[G-2] bacterium\_MOT-167\_nov\_89.349%  
SPN155 Caproicibacter fermentans\_nov\_89.824%  
SPN156 Fusicatenibacter saccharivorans\_nov\_90.514%  
SPN157 Erwinia billingiae\_nov\_97.519%  
SPN158 Lachnospiraceae\_[G-3] bacterium\_MOT-168\_nov\_95.059%  
SPN159 Lachnoclostridium [Clostridium] scindens\_nov\_89.827%  
SPN16 Lachnospiraceae\_[G-11] bacterium\_MOT-178\_nov\_94.220%  
SPN160 Lachnospiraceae\_[G-14] bacterium\_MOT-182\_nov\_89.200%  
SPN161 Eubacterium oxidoreducens\_nov\_88.846%  
SPN162 Lachnospiraceae\_[G-11] bacterium\_MOT-176\_nov\_94.798%  
SPN163 Saccharibacillus kuerlensis\_nov\_95.336%  
SPN164 Acutalibacter muris\_nov\_94.264%  
SPN165 Phocaea massiliensis\_nov\_90.239%  
SPN166 Duncaniella freteri\_nov\_89.077%  
SPN167 Fusicatenibacter saccharivorans\_nov\_91.018%  
SPN168 Lachnospiraceae\_[G-9] bacterium\_MOT-174\_nov\_90.234%  
SPN169 Adlercreutzia caecimuris\_nov\_95.382%  
SPN17 Breznakia pachnodae\_nov\_81.284%  
SPN170 Oscillospiraceae\_[G-4] bacterium\_MOT-151\_nov\_93.491%  
SPN171 Lachnospiraceae\_[G-11] bacterium\_MOT-176\_nov\_95.174%  
SPN172 Faecalicatena fissicatena\_nov\_94.521%  
SPN173 Lachnoclostridium [Clostridium] polysaccharolyticum\_nov\_92.664%  
SPN174 Saccharibacillus kuerlensis\_nov\_95.709%  
SPN175 Clostridium collagenovorans\_nov\_83.466%  
SPN176 Lachnospiraceae\_[G-13] bacterium\_MOT-181\_nov\_91.634%  
SPN177 Sporosolibacterium tautonense\_nov\_82.659%  
SPN178 Absiella tortuosum\_nov\_88.725%  
SPN179 Adlercreutzia caecimuris\_nov\_92.277%  
SPN18 Lawsonibacter asaccharolyticus\_nov\_92.514%  
SPN180 Oscillibacter valericigenes\_nov\_95.164%  
SPN181 Lachnospiraceae\_[G-14] bacterium\_MOT-183\_nov\_97.967%  
SPN182 Breznakia pachnodae\_nov\_83.181%  
SPN183 Lachnoclostridium [Clostridium] polysaccharolyticum\_nov\_88.462%  
SPN184 Lachnospiraceae\_[G-3] bacterium\_MOT-168\_nov\_95.050%  
SPN185 Parabacteroides merdae\_nov\_93.182%  
SPN186 Hathewayia proteolytica\_nov\_84.970%  
SPN187 Eubacterium ramulus\_nov\_89.362%  
SPN188 Eisenbergiella massiliensis\_nov\_86.127%  
SPN189 Lachnoclostridium [Clostridium] polysaccharolyticum\_nov\_90.751%  
SPN19 Blautia producta\_nov\_95.164%  
SPN190 Lachnospiraceae\_[G-7] bacterium\_MOT-172\_nov\_94.831%  
SPN191 Deschloromonas denitrificans\_nov\_97.446%  
SPN192 Blautia producta\_nov\_96.132%  
SPN193 Lachnospiraceae\_[G-3] bacterium\_MOT-168\_nov\_96.252%  
SPN194 Muribaculaceae\_[G-2] bacterium\_MOT-104\_nov\_89.905%

SPN218 Duncaniella freteri\_nov\_87.453%  
SPN219 Butyrivibrio sp.\_HMT\_455\_nov\_83.556%  
SPN22 Lachnospiraceae\_[G-14] bacterium\_MOT-182\_nov\_92.480%  
SPN220 Muribaculaceae\_[G-2] bacterium\_MOT-104\_nov\_89.544%  
SPN221 Oscillospiraceae\_[G-2] bacterium\_MOT-149\_nov\_96.640%  
SPN222 Sporobacter termitidis\_nov\_88.294%  
SPN223 Lacrimispora xylanolytica\_nov\_93.969%  
SPN224 Eubacteriales\_[G-1] bacterium\_MOT-159\_nov\_88.550%  
SPN225 Acidovorax defluviu\_nov\_95.946%  
SPN226 Oscillospiraceae\_[G-3] bacterium\_MOT-150\_nov\_91.585%  
SPN227 Oscillospiraceae\_[G-2] bacterium\_MOT-149\_nov\_95.276%  
SPN228 Oscillospiraceae\_[G-2] bacterium\_MOT-149\_nov\_93.452%  
SPN229 Adlercreutzia equolifaciens\_nov\_94.389%  
SPN23 Adlercreutzia equolifaciens\_nov\_96.593%  
SPN230 Eubacteriales\_[G-4] bacterium\_MOT-164\_nov\_97.980%  
SPN231 Lachnospiraceae\_[G-11] bacterium\_MOT-176\_nov\_89.981%  
SPN232 Lachnoclostridium [Clostridium] polysaccharolyticum\_nov\_89.443%  
SPN233 Mollicutes\_[G-2] bacterium\_MOT-187\_nov\_93.284%  
SPN234 Oscillospiraceae\_[G-4] bacterium\_MOT-151\_nov\_91.732%  
SPN235 Oscillospiraceae\_[G-4] bacterium\_MOT-151\_nov\_94.477%  
SPN236 Faecalibaculum rodentium\_nov\_96.571%  
SPN237 Duncaniella freteri\_nov\_83.895%  
SPN238 Longibaculum muris\_nov\_90.392%  
SPN239 Adlercreutzia muris\_nov\_89.506%  
SPN24 Cuneatibacter caecimuris\_nov\_92.486%  
SPN240 Roseburia hominis\_nov\_91.715%  
SPN241 Lachnospiraceae\_[G-2] bacterium\_MOT-167\_nov\_97.018%  
SPN242 Acetivibrio cellulolyticus\_nov\_83.644%  
SPN243 Mailhella massiliensis\_nov\_89.888%  
SPN244 Faecalimonas umblicata\_nov\_92.692%  
SPN245 Anaerotignum aminovorans\_nov\_92.600%  
SPN246 Blautia producta\_nov\_95.174%  
SPN247 Pseudoflavonifractor phocaeensis\_nov\_92.131%  
SPN25 Acetivibrio cellulolyticus\_nov\_84.058%  
SPN26 Blautia faecicola\_nov\_89.709%  
SPN27 Eisenbergiella massiliensis\_nov\_92.969%  
SPN28 Lachnospiraceae\_[G-14] bacterium\_MOT-185\_nov\_93.333%  
SPN29 Lachnospiraceae\_[G-14] bacterium\_MOT-182\_nov\_87.160%  
SPN3 Alloprevotella sp.\_HMT\_473\_nov\_90.177%  
SPN30 Lactobacillus gasseri\_nov\_93.345%  
SPN31 Eubacteriales\_[G-1] bacterium\_MOT-159\_nov\_93.976%  
SPN32 Lachnospiraceae\_[G-5] bacterium\_MOT-170\_nov\_97.614%  
SPN33 Eisenbergiella massiliensis\_nov\_87.669%  
SPN34 Oscillospiraceae\_[G-4] bacterium\_MOT-151\_nov\_95.858%  
SPN38 Lacrimispora xylanolytica\_nov\_94.314%  
SPN4 Lachnospiraceae\_[G-11] bacterium\_MOT-178\_nov\_91.715%  
SPN43 Muribaculaceae\_[G-1] bacterium\_MOT-129\_nov\_89.768%  
SPN49 Bacteroides uniformis\_nov\_95.594%  
SPN5 Mollicutes\_[G-2] bacterium\_MOT-187\_nov\_90.841%  
SPN54 Lachnospiraceae\_[G-11] bacterium\_MOT-178\_nov\_93.064%  
SPN6 Eisenbergiella massiliensis\_nov\_87.308%  
SPN60 Lacrimispora xylanolytica\_nov\_91.992%  
SPN64 Massilia arenae\_nov\_97.885%  
SPN7 Oscillospiraceae\_[G-2] bacterium\_MOT-149\_nov\_94.235%  
SPN72 Eisenbergiella massiliensis\_nov\_90.805%  
SPN75 Lachnoclostridium [Clostridium] aminophilum\_nov\_87.476%  
SPN79 Lachnospiraceae\_[G-6] bacterium\_MOT-171\_nov\_94.643%  
SPN8 Lacrimispora xylanolytica\_nov\_92.308%  
SPN80 Flavobacterium branchiicola\_nov\_96.282%  
SPN81 Oscillospiraceae\_[G-2] bacterium\_MOT-149\_nov\_95.050%  
SPN82 Anaeroplasmata abactoclasticum\_nov\_87.352%  
SPN83 Faecalicatena orotica\_nov\_92.218%  
SPN84 Lachnoclostridium [Clostridium] scindens\_nov\_88.247%  
SPN85 Oscillospiraceae\_[G-3] bacterium\_MOT-150\_nov\_93.910%  
SPN86 Lachnospiraceae\_[G-14] bacterium\_MOT-185\_nov\_93.517%  
SPN87 Lachnospiraceae\_[G-6] bacterium\_MOT-171\_nov\_95.050%  
SPN88 Olsenella phocaeensis\_nov\_92.172%  
SPN89 Eisenbergiella massiliensis\_nov\_88.292%  
SPN9 Muricomes intestini\_nov\_89.921%  
SPN90 Lachnoclostridium [Clostridium] polysaccharolyticum\_nov\_87.692%