

## Species

- SP224 *Aeromonas veronii*
- SP229 Lachnospiraceae\_[G-9] bacterium\_MOT-174
- SP23 Carnobacteriaceae\_[G-1] bacterium\_MOT-198
- SP24 *Erysipelatoclostridium* [Clostridium] coeleatum
- SP25 *Akkermansia muciniphila*
- SP257 *Ruminococcus callidus*
- SP26 *Lactobacillus johnsonii*
- SP275 *Roseburia faecis*
- SP277 *Fusicatenibacter saccharivorans*
- SP282 *Adlercreutzia caecimuris*
- SP29 *Enterobacter cloacae*
- SP296 *Schlegella aquatica*
- SP298 Lachnospiraceae\_[G-2] bacterium\_MOT-167
- SP3 *Alistipes* sp.\_MOT-127
- SP303 *Flavonifractor plautii*
- SP304 *Bacteroides fragilis*
- SP309 *Mediterraneibacter* [Ruminococcus] gnavus
- SP310 *Oscillospiraceae*\_[G-6] bacterium\_MOT-153
- SP322 *Eubacteriales*\_[G-1] bacterium\_MOT-160
- SP33 *Gemella* sp.\_MOT-043
- SP333 *Rhizobium endophyticum*
- SP337 *Dokdonella immobilis*
- SP34 *Robinsoniella peoriensis*
- SP341 *Lactobacillus rogosae*
- SP345 *Paenibacillus endophyticus*
- SP35 *Helicobacter typhlonius*
- SP38 *Eubacteriales*\_[G-1] bacterium\_MOT-159
- SP385 *Drancourtella massiliensis*
- SP39 *Corynebacterium mastitidis*
- SP394 *Devosia insulae*
- SP40 *Eubacteriales*\_[G-4] bacterium\_MOT-164
- SP417 *Cryobacterium psychrotolerans*
- SP43 *Prevotella* sp.\_MOT-128
- SP44 *Triticum aestivum*
- SP441 *Blautia wexlerae*
- SP45 *Parabacteroides goldsteini*
- SP451 *Bacteroides uniformis*
- SP46 *Oscillospiraceae*\_[G-3] bacterium\_MOT-150
- SP49 *Lactobacillus taiwanensis*
- SP53 *Faecalibaculum rodentium*
- SP536 *Photobacterium halotolerans*
- SP538 *Bacteroides thetaiotaomicron*
- SP55 Lachnospiraceae\_[G-14] bacterium\_MOT-185
- SP555 *Acutalibacter muris*
- SP56 *Ralstonia pickettii*
- SP576 *Lactobacillus iners*
- SP6 *Rodentibacter pneumotropicus*
- SP61 *Bacteroides caecimuris*
- SP62 *Muribaculaceae*\_[G-1] bacterium\_MOT-129
- SP63 *Duncaniella freteri*
- SP683 *Lachnoclostridium* [Clostridium] scindens
- SP7 *Muribaculum intestinale*
- SP71 Lachnospiraceae\_[G-14] bacterium\_MOT-184
- SP72 *Cutibacterium acnes*
- SP8 *Erysipelotrichaceae*\_[G-1] bacterium\_MOT-189
- SP80 *Ramlibacter monticola*
- SP81 *Alistipes timonensis*
- SP82 *Helicobacter ganmani*
- SP84 *Klebsiella pneumoniae*
- SP86 Lachnospiraceae\_[G-11] bacterium\_MOT-178
- SP882 *Phocaeicola vulgatus*
- SP9 *Phocaeicola sartorii*
- SP92 *Oscillospiraceae*\_[G-2] bacterium\_MOT-149
- SP93 *Lactobacillus intestinalis*
- SP94 *Anaerostipes caccae*
- SP95 Lachnospiraceae\_[G-12] bacterium\_MOT-179
- SPN103 *Muribaculum intestinale*\_nov\_93.534%
- SPN1054 *Eubacteriales*\_[G-2] bacterium\_MOT-162\_nov\_95.260%
- SPN1113 *Alistipes putredinis*\_nov\_95.269%
- SPN1117 *Muribaculum intestinale*\_nov\_91.361%
- SPN2830 *Lachnoclostridium* [Clostridium] scindens\_nov\_97.517%
- SPN2831 *Muribaculaceae*\_[G-2] bacterium\_MOT-104\_nov\_92.625%
- SPN289 *Clostridiales*\_[F-1][G-1] bacterium\_HMT\_093\_nov\_90.337%
- SPN2895 *Muribaculaceae*\_[G-1] bacterium\_MOT-129\_nov\_87.284%
- SPN29 *Ruminiclostridium cellulolyticum*\_nov\_89.462%
- SPN292 *Muribaculaceae*\_[G-2] bacterium\_MOT-104\_nov\_92.857%
- SPN293 *Muribaculaceae*\_[G-1] bacterium\_MOT-129\_nov\_89.247%
- SPN2960 *Muribaculaceae*\_[G-2] bacterium\_MOT-104\_nov\_91.991%
- SPN2972 *Alistipes putredinis*\_nov\_96.537%
- SPN3016 *Desulfovibrio fairfieldensis*\_nov\_94.421%
- SPN3078 *Actinidia eriantha*\_nov\_97.065%
- SPN3079 *Muribaculaceae*\_[G-1] bacterium\_MOT-129\_nov\_89.224%
- SPN311 *Muribaculaceae*\_[G-1] bacterium\_MOT-129\_nov\_88.069%
- SPN314 *Culturomica massiliensis*\_nov\_91.126%
- SPN3144 *Lawsonibacter asaccharolyticus*\_nov\_96.847%
- SPN32 *Odoribacter splanchnicus*\_nov\_93.521%
- SPN3211 *Parasutterella excrementihominis*\_nov\_94.231%
- SPN323 *Kineothrix alysoides*\_nov\_95.249%
- SPN328 *Millionella massiliensis*\_nov\_92.408%
- SPN331 *Erysipelatoclostridium* [Clostridium] saccharogumia\_nov\_92.751%
- SPN3346 *Muribaculum intestinale*\_nov\_92.903%
- SPN336 *Eubacteriales*\_[G-4] bacterium\_MOT-165\_nov\_94.357%
- SPN343 *Adlercreutzia equolifaciens*\_nov\_91.818%
- SPN3500 *Lachnospiraceae*\_[G-10] bacterium\_MOT-175\_nov\_95.034%
- SPN352 *Eubacterium coprostanoligenes*\_nov\_95.937%
- SPN353 *Ruminococcus albus*\_nov\_92.517%
- SPN3575 *Mucispirillum schaedleri*\_nov\_96.802%
- SPN359 *Lachnospiraceae*\_[G-10] bacterium\_MOT-175\_nov\_90.281%
- SPN3651 *Neglectibacter timonensis*\_nov\_97.511%
- SPN366 *Holdemania massiliensis*\_nov\_92.489%
- SPN37 *Culturomica massiliensis*\_nov\_91.145%
- SPN3722 *Paraeggerthella hongkongensis*\_nov\_92.793%
- SPN373 *Muribaculaceae*\_[G-1] bacterium\_MOT-129\_nov\_90.108%
- SPN3797 *Roseburia faecis*\_nov\_97.743%
- SPN381 *Lacrimispora xylanolytica*\_nov\_96.840%
- SPN385 *Acetatifactor muris*\_nov\_92.534%
- SPN3875 *Kineothrix alysoides*\_nov\_95.485%
- SPN392 *Muribaculaceae*\_[G-2] bacterium\_MOT-104\_nov\_91.342%
- SPN3953 *Lawsonibacter asaccharolyticus*\_nov\_95.281%
- SPN3959 *Lachnospiraceae*\_[G-10] bacterium\_MOT-175\_nov\_92.191%
- SPN4019 *Eubacterium ventriosum*\_nov\_96.372%
- SPN4030 *Alistipes finegoldii*\_nov\_97.180%
- SPN406 *Muribaculaceae*\_[G-2] bacterium\_MOT-104\_nov\_89.103%
- SPN410 *Anaerotruncus collihominis*\_nov\_95.475%
- SPN4109 *Duncaniella freteri*\_nov\_92.903%
- SPN4110 *Lachnoclostridium pacaense*\_nov\_96.163%
- SPN417 *Muribaculaceae*\_[G-2] bacterium\_MOT-104\_nov\_89.677%
- SPN418 *Saccharibacteria*\_(TM7)\_[G-3] bacterium\_HMT\_351\_nov\_96.606%
- SPN4183 *Muribaculaceae*\_[G-1] bacterium\_MOT-129\_nov\_91.991%
- SPN4192 *Lachnospiraceae*\_[G-6] bacterium\_MOT-171\_nov\_95.011%
- SPN422 *Muribaculaceae*\_[G-2] bacterium\_MOT-104\_nov\_91.540%
- SPN4257 *Eubacteriales*\_[G-1] bacterium\_MOT-159\_nov\_94.118%
- SPN427 *Lachnoclostridium* [Clostridium] populeti\_nov\_96.145%
- SPN4271 *Mucispirillum schaedleri*\_nov\_97.002%
- SPN43 *Muribaculaceae*\_[G-2] bacterium\_MOT-104\_nov\_90.672%
- SPN432 *Muribaculaceae*\_[G-2] bacterium\_MOT-104\_nov\_92.842%
- SPN4332 *Acetatifactor muris*\_nov\_92.777%
- SPN4388 *Eubacterium ventriosum*\_nov\_96.388%
- SPN4397 *Anaerotaenia torta*\_nov\_97.059%
- SPN443 *Oscillospiraceae*\_[G-2] bacterium\_MOT-149\_nov\_95.506%
- SPN4468 *Eubacteriales*\_[G-4] bacterium\_MOT-164\_nov\_97.743%
- SPN450 *Parasutterella excrementihominis*\_nov\_94.004%
- SPN452 *Duncaniella freteri*\_nov\_88.699%
- SPN4531 *Muribaculaceae*\_[G-2] bacterium\_MOT-104\_nov\_90.929%
- SPN4532 *Butyrificoccus pullicaeorum*\_nov\_94.407%
- SPN460 *Kineothrix alysoides*\_nov\_93.213%
- SPN4600 *Lachnospiraceae*\_[G-10] bacterium\_MOT-175\_nov\_96.154%
- SPN4612 *Ruminococcus albus*\_nov\_92.081%
- SPN465 *Muribaculum intestinale*\_nov\_92.408%
- SPN4685 *Faecalicatena orotica*\_nov\_95.692%
- SPN5457 *Muribaculaceae*\_[G-1] bacterium\_MOT-129\_nov\_91.304%
- SPN5458 *Alistipes putredinis*\_nov\_96.104%
- SPN5466 *Pseudoflavonifractor phocaensis*\_nov\_89.213%
- SPN5474 *Muribaculaceae*\_[G-2] bacterium\_MOT-104\_nov\_90.043%
- SPN5479 *Lachnospiraceae*\_[G-14] bacterium\_MOT-185\_nov\_93.018%
- SPN5483 *Longibaculum muris*\_nov\_92.094%
- SPN5486 *Muribaculaceae*\_[G-1] bacterium\_MOT-129\_nov\_91.775%
- SPN5496 *Millionella massiliensis*\_nov\_92.641%
- SPN550 *Parabacteroides distasonis*\_nov\_97.624%
- SPN5502 *Muribaculaceae*\_[G-1] bacterium\_MOT-129\_nov\_91.974%
- SPN5506 *Millionella massiliensis*\_nov\_92.424%
- SPN5512 *Odoribacter splanchnicus*\_nov\_93.290%
- SPN5518 *Maiihella massiliensis*\_nov\_92.111%
- SPN5520 *Muribaculaceae*\_[G-2] bacterium\_MOT-104\_nov\_90.693%
- SPN5526 *Eubacteriales*\_[G-4] bacterium\_MOT-164\_nov\_95.485%
- SPN5532 *Prevotella* sp.\_MOT-128\_nov\_91.540%
- SPN5537 *Ihubacter massiliensis*\_nov\_96.840%
- SPN5544 *Mediterraneibacter* [Ruminococcus] gnavus\_nov\_93.213%
- SPN5566 *Povalibacter uvarum*\_nov\_90.618%
- SPN5561 *Saccharibacteria*\_(TM7)\_[G-3] bacterium\_HMT\_351\_nov\_95.506%
- SPN5571 *Muribaculaceae*\_[G-2] bacterium\_MOT-104\_nov\_91.323%
- SPN5579 *Muribaculum intestinale*\_nov\_87.957%
- SPN5581 *Azoarcus rhizosphaerae*\_nov\_96.781%
- SPN5588 *Amedibacillus dolichus*\_nov\_91.649%
- SPN559 *Prevotella* sp.\_MOT-128\_nov\_92.191%
- SPN56 *Parasutterella excrementihominis*\_nov\_93.576%
- SPN566 *Povalibacter uvarum*\_nov\_91.702%
- SPN571 *Prevotellamassilia timonensis*\_nov\_93.521%
- SPN572 *Muribaculaceae*\_[G-2] bacterium\_MOT-104\_nov\_92.641%
- SPN582 *Erysipelatoclostridium ramosum*\_nov\_87.975%
- SPN587 *Lachnospiraceae*\_[G-10] bacterium\_MOT-175\_nov\_93.243%
- SPN599 *Collimonas fungivorans*\_nov\_91.258%
- SPN6 *Parabacteroides distasonis*\_nov\_96.963%
- SPN608 *Azoarcus olearius*\_nov\_95.289%
- SPN611 *Muribaculaceae*\_[G-2] bacterium\_MOT-104\_nov\_92.625%
- SPN612 *Lawsonibacter asaccharolyticus*\_nov\_97.303%
- SPN62 *Aminipila butyrica*\_nov\_91.461%
- SPN672 *Alistipes putredinis*\_nov\_96.753%
- SPN69 *Clostridiales*\_[F-1][G-1] bacterium\_HMT\_093\_nov\_89.910%
- SPN739 *Muribaculaceae*\_[G-1] bacterium\_MOT-129\_nov\_91.757%
- SPN78 *Saccharibacteria*\_(TM7)\_[G-3] bacterium\_HMT\_351\_nov\_96.833%
- SPN794 *Lachnospiraceae*\_[G-11] bacterium\_MOT-178\_nov\_96.847%
- SPN84 *Clostridium oryzae*\_nov\_88.764%
- SPN90 *Muribaculum intestinale*\_nov\_92.208%
- SPN928 *Muribaculaceae*\_[G-2] bacterium\_MOT-104\_nov\_92.441%
- SPN96 *Oscillospiraceae*\_[G-2] bacterium\_MOT-149\_nov\_93.483%
- SPN987 *Roseburia faecis*\_nov\_97.072%
- SPN990 *Muribaculaceae*\_[G-1] bacterium\_MOT-129\_nov\_91.087%
- SPP116 *Clostridium subterminale\_sulfidigenes\_thiosulfatireducens*
- SPP117 *Vibrio alginolyticus\_galathaeae\_harveyi\_hyugaensis\_natrieg*...(5 species)
- SPP124 *Staphylococcus capitis\_caprae\_epidermidis*
- SPP131 *Lactobacillus\_Limosilactobacillus reuteri\_reuteri\_clade\_938*
- SPP140 *Blautia henseni\_hominis\_marasmi*
- SPP147 *Enterocloster boltae\_clostridioformis*
- SPP16 *Bifidobacterium choerinum\_pseudolongum*
- SPP18 *Clostridium disporicum\_saudiense*
- SPP19 *Lachnospiraceae*\_[G-12] bacterium\_MOT-179\_bacterium\_MOT-180
- SPP26 *Streptococcus acidominimus\_sp\_MOT-012*
- SPP36 *Bacillus\_Priestia aryabhatai\_zanthoxyli*
- SPP39 *Hungateella effluvii\_hathewayi*
- SPP4 *Paracoccus carotinifaciens\_hibiscicoli\_marcusii\_nototheniae*
- SPP42 *Arthrobacter\_Pseudarthrobacter humicola\_oryzae\_oxydans\_pascens\_phenanthrenivorans*...(7 species)
- SPP43 *Escherichia\_Shigella coli\_fergusonii\_flexneri\_sonnei*
- SPP45 *Arthrobacter\_Paeniglutamibacter\_Pseudarthrobacter cryotolerans\_globiformis\_psychrotolerans\_scleromae*...(6 species)
- SPP48 *Bacteroides acidifaciens\_xylanisolvens*
- SPP54 *Bacteroides acidifaciens\_acidifaciens*
- SPP58 *Delftia lacustris\_tsuruhataensis*
- SPP60 *Staphylococcus argenteus\_aureus\_roterodami\_simiae*
- SPP61 *Afpia\_Bradyrhizobium archetypum\_australense\_broomae\_elkanii\_embrapens*...(18 species)
- SPP66 *Priestia flexa\_megaterium*