

aceae [G-9] bacterium MOT-174	● SPN2831 Muribaculaceae [G-2] bacterium MOT-104 nov 92.625%	● SPN5458 Alistipes putredinis nov 96.104%
eriacae [G-1] bacterium MOT-198	● SPN289 Clostridiales [F-1][G-1] bacterium HMT 093 nov 90.337%	● SPN5466 Pseudoflavonifractor phocaensis nov 89.213%
clostridium [Clostridium] cocleatum	● SPN2895 Muribaculaceae [G-1] bacterium MOT-129 nov 87.284%	● SPN5474 Muribaculaceae [G-2] bacterium MOT-104 nov 90.043%
ia muciniphila	● SPN29 Ruminiclostridium cellulolyticum nov 89.462%	● SPN5479 Lachnospiraceae [G-14] bacterium MOT-185 nov 93.018%
ccus callidus	● SPN292 Muribaculaceae [G-2] bacterium MOT-104 nov 92.857%	● SPN5483 Longibaculum muris nov 92.094%
us johnsonii	● SPN293 Muribaculaceae [G-1] bacterium MOT-129 nov 89.247%	● SPN5486 Muribaculaceae [G-1] bacterium MOT-129 nov 91.775%
faecis	● SPN2960 Muribaculaceae [G-2] bacterium MOT-104 nov 91.991%	● SPN5496 Millionella massiliensis nov 92.641%
bacter saccharivorans	● SPN2972 Alistipes putredinis nov 96.537%	● SPN550 Parabacteroides distasonis nov 97.624%
zia caecimuris	● SPN3016 Desulfovibrio fairfieldensis nov 94.421%	● SPN5502 Muribaculaceae [G-1] bacterium MOT-129 nov 91.974%
er cloacae	● SPN3078 Actinidia eriantha nov 97.065%	● SPN5506 Millionella massiliensis nov 92.424%
lla aquatica	● SPN3079 Muribaculaceae [G-1] bacterium MOT-129 nov 89.224%	● SPN5512 Odoribacter splanchnicus nov 93.290%
iraceae [G-2] bacterium MOT-167	● SPN3111 Muribaculaceae [G-1] bacterium MOT-129 nov 88.069%	● SPN5518 Mailhella massiliensis nov 92.111%
MOT-127	● SPN314 Culturomica massiliensis nov 91.126%	● SPN5520 Muribaculaceae [G-2] bacterium MOT-104 nov 90.693%
ctor plautii	● SPN3144 Lawsonibacter asaccharolyticus nov 96.847%	● SPN5526 Eubacteriales [G-4] bacterium MOT-164 nov 95.485%
es fragilis	● SPN32 Odoribacter splanchnicus nov 93.521%	● SPN5532 Prevotella sp. MOT-128 nov 91.540%
neibacter [Ruminococcus] gnavus	● SPN3211 Parasutterella excrementihominis nov 94.231%	● SPN5537 Ihubacter massiliensis nov 96.840%
aceae [G-6] bacterium MOT-153	● SPN323 Kineothrix alysoides nov 95.249%	● SPN5544 Meditteraneibacter [Ruminococcus] gnavus nov 93.213%
ales [G-1] bacterium MOT-160	● SPN328 Millionella massiliensis nov 92.408%	● SPN5556 Povalibacter uvarum nov 90.618%
MOT-043	● SPN331 Erysipelatoclostridium [Clostridium] saccharogumia nov 92.751%	● SPN5561 Saccharibacteria (TM7) [G-3] bacterium HMT 351 nov 95.506%
endophyticum	● SPN3346 Muribaculum intestinale nov 92.903%	● SPN5571 Muribaculaceae [G-2] bacterium MOT-104 nov 91.323%
a immobilis	● SPN336 Eubacteriales [G-4] bacterium MOT-165 nov 94.357%	● SPN5579 Muribaculum intestinale nov 87.957%
lla peoriensis	● SPN343 Adlercreutzia equolifaciens nov 91.818%	● SPN5581 Azoarcus rhizosphaerae nov 96.781%
lus rogosae	● SPN3500 Lachnospiraceae [G-10] bacterium MOT-175 nov 95.034%	● SPN5588 Amedibacillus dolichus nov 91.649%
llus endophyticus	● SPN352 Eubacterium coprostanoligenes nov 95.937%	● SPN559 Prevotella sp. MOT-128 nov 92.191%
er typhlonius	● SPN353 Ruminococcus albus nov 92.517%	● SPN56 Parasutterella excrementihominis nov 93.576%
es [G-1] bacterium MOT-159	● SPN3575 Mucispirillum schaedleri nov 96.802%	● SPN566 Povalibacter uvarum nov 91.702%
ella massiliensis	● SPN359 Lachnospiraceae [G-10] bacterium MOT-175 nov 90.281%	● SPN571 Prevotellamassilia timonensis nov 93.521%
terium mastitidis	● SPN3651 Neglectibacter timonensis nov 97.511%	● SPN572 Muribaculaceae [G-2] bacterium MOT-104 nov 92.641%
usulae	● SPN366 Holdemania massiliensis nov 92.489%	● SPN582 Erysipelatoclostridium ramosum nov 87.975%
es [G-4] bacterium MOT-164	● SPN37 Culturomica massiliensis nov 91.145%	● SPN587 Lachnospiraceae [G-10] bacterium MOT-175 nov 93.243%
erium psychrotolerans	● SPN3722 Paraeggerthella hongkongensis nov 92.793%	● SPN599 Collimonas fungivorans nov 91.258%
sp. MOT-128	● SPN373 Muribaculaceae [G-1] bacterium MOT-129 nov 90.108%	● SPN6 Parabacteroides distasonis nov 96.963%
stivum	● SPN3797 Roseburia faecis nov 97.743%	● SPN608 Azoarcus olearius nov 95.289%
xlerae	● SPN381 Lacrimispora xylanolytica nov 96.840%	● SPN611 Muribaculaceae [G-2] bacterium MOT-104 nov 92.625%
oides goldsteinii	● SPN385 Acetatifactor muris nov 92.534%	● SPN612 Lawsonibacter asaccharolyticus nov 97.303%
es uniformis	● SPN3875 Kineothrix alysoides nov 95.485%	● SPN62 Aminipila butyrica nov 91.461%
aceae [G-3] bacterium MOT-150	● SPN392 Muribaculaceae [G-2] bacterium MOT-104 nov 91.342%	● SPN672 Alistipes putredinis nov 96.753%
us taiwanensis	● SPN3953 Lawsonibacter asaccharolyticus nov 95.281%	● SPN69 Clostridiales [F-1][G-1] bacterium HMT 093 nov 89.910%
ulum rodentium	● SPN3959 Lachnospiraceae [G-10] bacterium MOT-175 nov 92.191%	● SPN739 Muribaculaceae [G-1] bacterium MOT-129 nov 91.757%
erium halotolerans	● SPN4019 Eubacterium ventriosum nov 96.372%	● SPN78 Saccharibacteria (TM7) [G-3] bacterium HMT 351 nov 96.833%
es thetaiotaomicron	● SPN4030 Alistipes finegoldii nov 97.180%	● SPN794 Lachnospiraceae [G-11] bacterium MOT-178 nov 96.847%
aceae [G-14] bacterium MOT-185	● SPN406 Muribaculaceae [G-2] bacterium MOT-104 nov 89.103%	● SPN84 Clostridium oryzae nov 88.764%
cter muris	● SPN410 Anaerotruncus colihominis nov 95.475%	● SPN90 Muribaculum intestinale nov 92.208%
ickettii	● SPN4119 Duncaniella freteri nov 92.903%	● SPN928 Muribaculaceae [G-2] bacterium MOT-104 nov 92.441%
lus iners	● SPN4110 Lachnoclostridium pacaense nov 96.163%	● SPN96 Oscillospiraceae [G-2] bacterium MOT-149 nov 93.483%
er pneumotrophicus	● SPN417 Muribaculaceae [G-2] bacterium MOT-104 nov 89.677%	● SPN987 Roseburia faecis nov 97.072%
s caecimuris	● SPN418 Saccharibacteria (TM7) [G-3] bacterium HMT 351 nov 96.606%	● SPN990 Muribaculaceae [G-1] bacterium MOT-129 nov 91.087%
aceae [G-1] bacterium MOT-129	● SPN4183 Muribaculaceae [G-1] bacterium MOT-129 nov 91.991%	● SPP116 Clostridium subterminale sulfidigenes thiosulfatireducens
a freteri	● SPN4192 Lachnospiraceae [G-6] bacterium MOT-171 nov 95.011%	● SPP117 Vibrio alginolyticus galathea harveyi hyugaensis natrieg ...(5 species)
tridium [Clostridium] scindens	● SPN422 Muribaculaceae [G-2] bacterium MOT-104 nov 91.540%	● SPP124 Staphylococcus capitis caprae epidermidis
n intestinale	● SPN4257 Eubacteriales [G-1] bacterium MOT-159 nov 94.118%	● SPP131 Lactobacillus Limosilactobacillus reuteri reuteri clade 938
aceae [G-14] bacterium MOT-184	● SPN427 Lachnoclostridium [Clostridium] populeti nov 96.145%	● SPP140 Blautia hansenii hominis marasmi
um acnes	● SPN4271 Mucispirillum schaedleri nov 97.002%	● SPP147 Enterocloster boltea clostridioformis
haceae [G-1] bacterium MOT-189	● SPN43 Muribaculaceae [G-2] bacterium MOT-104 nov 90.672%	● SPP16 Bifidobacterium choerinum pseudolongum
r monticola	● SPN432 Muribaculaceae [G-2] bacterium MOT-104 nov 92.842%	● SPP18 Clostridium disporicum saudiense
nonensis	● SPN4332 Acetatifactor muris nov 92.777%	● SPP19 Lachnospiraceae [G-12] bacterium MOT-179 bacterium MOT-180
er ganmani	● SPN4388 Eubacterium ventriosum nov 96.388%	● SPP26 Streptococcus acidominimus sp. MOT-012
neumoniae	● SPN4397 Anaerotaenia torta nov 97.059%	● SPP36 Bacillus Priestia aryabhatai zanthoxyli
aceae [G-11] bacterium MOT-178	● SPN443 Oscillospiraceae [G-2] bacterium MOT-149 nov 95.506%	● SPP39 Hungatella effluvii hathewayi
ola vulgatus	● SPN4468 Eubacteriales [G-4] bacterium MOT-164 nov 97.743%	● SPP4 Paracoccus carotinifaciens hibiscisoli marcusii nototherniae
sartorii	● SPN450 Parasutterella excrementihominis nov 94.004%	● SPP42 Arthrobacter Pseudarthrobacter humicola oryzae oxydans pascens phenanthrenivorans
aceae [G-2] bacterium MOT-149	● SPN452 Duncaniella freteri nov 88.699%	● SPP43 Escherichia Shigella coli fergusonii flexneri sonnei
us intestinalis	● SPN4531 Muribaculaceae [G-2] bacterium MOT-104 nov 90.929%	● SPP45 Arthrobacter Paeniglutamibacter Psenigluthrobacter cryotolerans globiformis psychrophilus
es caccae	● SPN4532 Butyricicoccus pullicaecorum nov 94.407%	● SPP48 Bacteroides acidifaciens xylanisolvens
aceae [G-12] bacterium MOT-179	● SPN460 Kineothrix alysoides nov 93.213%	● SPP54 Bacteroides acidifaciens acidofaciens
ulum intestinale nov 93.534%	● SPN4600 Lachnospiraceae [G-10] bacterium MOT-175 nov 96.154%	● SPP58 Delftia lacustris tsuruhatensis
eriales [G-2] bacterium MOT-162 nov 95.260%	● SPN4612 Ruminococcus albus nov 92.081%	● SPP60 Staphylococcus aureus roterodami simiae
s putredinis nov 95.260%	● SPN465 Muribaculum intestinale nov 92.408%	● SPP61 Afnia Bradyrhizobium archetrum australiana bromaeae alkani embranensis (18 species)