

nitricans  
nonas stutzeri  
ces massiliensis  
pneumoniae  
bacter piscolens  
acterium matrucotii  
iraceae [G-7] bacterium\_HMT\_086  
aceae [G-1] bacterium\_HMT\_155  
dovia denticolens  
oculum sp. \_HMT\_373  
ccus sp. \_HMT\_167  
rium sp. \_HMT\_078  
ccus aloeverae  
eptococcaceae [XI][G-3] bacterium\_HMT\_495  
ibrio desulfuricans  
raceae [G-8] bacterium\_HMT\_500  
occus faecalis  
a profusa  
a parvula  
nonas putida  
a sp. \_HMT\_807  
phobacter terrae  
na sp. \_HMT\_254  
acteria (TM7) [G-1] bacterium\_HMT\_869  
acteria (TM7) [G-1] bacterium\_HMT\_346  
eptococcaceae [XI][G-6] [Eubacterium]\_nodatum  
aceae [G-1] bacterium\_HMT\_135  
tella tannerae  
nas sp. \_HMT\_110  
orthia satelles  
eptococcaceae [XI][G-6] [Eubacterium]\_minutum  
tophaga sp. \_HMT\_338  
monas gingivalis  
occus mutans  
detes [G-5] bacterium\_HMT\_511  
m sp. \_HMT\_199  
monas hankookensis  
hilaceae [G-1] bacterium\_HMT\_113  
hilus parainfluenzae  
na sp. \_HMT\_951  
ella ignava  
m sp. \_HMT\_416  
erium sp. \_HMT\_360  
ces sp. \_HMT\_169  
ibacter sp. \_HMT\_458  
acteria (TM7) [G-1] bacterium\_HMT\_349  
detes [G-3] bacterium\_HMT\_281  
eptococcaceae [XI][G-7] bacterium\_HMT\_081  
tophaga granulosa  
nonas aeruginosa  
rium asaccharolyticum  
nonas koreensis  
na sp. \_HMT\_257  
na sp. \_HMT\_270  
trichaceae [G-1] bacterium\_HMT\_904  
aerobaculum saburreum  
a dispar  
terium timidum  
a mirabilis  
a intermedia  
odontolytica  
nonas cellasea  
lla sp. \_HMT\_131  
morbilorum  
eptococcaceae [XI][G-4] bacterium\_HMT\_369  
a oris  
a sp. \_HMT\_376

● SP607 Peptidiphaga sp. \_HMT\_183  
● SP609 Leptotrichia sp. \_HMT\_463  
● SP620 Peptostreptococcaceae [XI][G-1] [Eubacterium]\_infirmum  
● SP621 Gemella haemolysans  
● SP624 Actinomyces oris  
● SP634 Saccharibacteria (TM7) [G-5] bacterium\_HMT\_356  
● SP638 Treponema sp. \_HMT\_256  
● SP639 Leptotrichia buccalis  
● SP64 Limosilactobacillus mucosae  
● SP648 Rothia dentocariosa  
● SP649 Alcaligenes aquatilis  
● SP66 Rothia aeria  
● SP67 Peptostreptococcaceae [XI][G-1] bacterium\_HMT\_383  
● SP673 Staphylococcus warneri  
● SP677 Solobacterium moorei  
● SP681 Schaalia meyeri  
● SP683 Dialister pneumosintes  
● SP684 Peptostreptococcus stomatis  
● SP686 Actinomyces gerencseriae  
● SP687 Capnocytophaga sp. \_HMT\_323  
● SP69 Streptococcus lactarius  
● SP696 Sphingomonas carotinifaciens  
● SP698 Schaalia cardiffensis  
● SP7 Sphingomonas sediminicola  
● SP70 Fusobacterium nucleatum  
● SP705 Aeromonas popoffii  
● SP706 Rhizobium rosettiformans  
● SP713 Sphingomonas limnosediminicola  
● SP718 Filifactor alocis  
● SP719 Aggregatibacter paraphrophilus  
● SP730 Aquamicrobium defluvii  
● SP731 Streptococcus parasanguinis\_clade\_411  
● SP733 Staphylococcus hominis  
● SP74 Johnsonella sp. \_HMT\_166  
● SP759 Peptostreptococcaceae [XI][G-2] bacterium\_HMT\_091  
● SP761 Eikenella glucosivorans  
● SP762 Veillonella atypica  
● SP77 Paracoccus speluncae  
● SP786 Neisseria flavescens  
● SP787 Caldicabacillus hisashii  
● SP8 Parvimonas micra  
● SP807 Pantoea dispersa  
● SP81 Methylobacterium radiotolerans  
● SP817 Eikenella corrodens  
● SP82 Brevundimonas bacteroides  
● SP825 Prevotella denticola  
● SP829 Sphingomonas aestuarii  
● SP83 Selenomonas sputigena  
● SP834 Pseudoxanthomonas japonensis  
● SP84 Paracoccus sanguinis  
● SP844 Alishewanella alkalitolerans  
● SP847 Moraxella osloensis  
● SP85 Treponema maltophilum  
● SP858 Microvirga flavescens  
● SP864 Massilia atriviolacea  
● SP868 Veillonellaceae [G-1] bacterium\_HMT\_129  
● SP87 Cardiobacterium hominis  
● SP879 Peptostreptococcaceae [XI][G-4] bacterium\_HMT\_103  
● SP9 Streptococcus gordonii  
● SP91 Oribacterium sp. \_HMT\_102  
● SP92 Stomatobaculum longum  
● SP93 Leptotrichia sp. \_HMT\_498  
● SPN100 Stenotrophomonas pavanii\_nov\_97.902%  
● SPN102 Streptococcus gordonii\_nov\_95.814%  
● SPN114 Peptostreptococcaceae [XI][G-6] [Eubacterium]\_minutum\_nov\_97.044%  
● SPN12 Butyrivibrio sp. \_HMT\_090\_nov\_95.724%  
● SPN126 Oribacterium sp. \_HMT\_078\_nov\_97.537%

● SPP112 Hallella\_Prevotella\_dentalis\_seregens  
● SPP114 Selenomonas infelix\_sp.\_HMT\_479\_sp.\_HMT\_481  
● SPP115 Moraxella catarrhalis\_nonliquefaciens  
● SPP116 Psychrobacillus lasiacapitis\_soli  
● SPP117 Serratia grimesii\_liquefaciens  
● SPP118 Campylobacter rectus\_showae  
● SPP12 Streptococcus cristatus\_downii\_gwangjuense\_infantis\_infantis\_cla...(17 species)  
● SPP120 Peptoniphilus gobachii\_lacydonensis\_sp.\_HMT\_187  
● SPP121 Anaerococcus prevotii\_tetradicus  
● SPP122 Acinetobacter\_Prolinoborus\_fasciculus\_lwoffii  
● SPP123 Ralstonia insidiosa\_sp.\_HMT\_406  
● SPP126 Brevibacterium celere\_epidermidis\_iodinum\_sanguinis\_sediminis  
● SPP129 Streptococcus salivarius\_vestibularis  
● SPP13 Neobacillus bataviensis\_fumarioli\_jeddahensis  
● SPP130 Sphingomonas dokdonensis\_jeddahensis  
● SPP131 Streptococcus lactarius\_peroris  
● SPP132 Chryseobacterium binzhouense\_echinoideorum  
● SPP133 Micrococcus antarcticus\_endophyticus\_luteus\_yunnanensis  
● SPP136 Blastomonas\_Sphingomonas\_natoria\_ursincola  
● SPP138 Sphingomonas aquatilis\_melonis  
● SPP139 Bacillus albus\_anthraxis\_cereus\_fungorum\_gaemokensis\_homini...(21 species)  
● SPP140 Delftia lacustris\_tsuruhatensis  
● SPP141 Janibacter\_Knoellia\_Pedococcus\_Phycococcus\_anophelis\_badiiscoriae\_hoylei\_limosus\_loci...  
● SPP143 Atopobium\_Lancefiella\_rimae  
● SPP145 Paracoccus aestuarii\_beibuensis\_hibisci\_marinus\_pueri  
● SPP146 Sphingomonas paucimobilis\_pseudosanguinis\_sanguinis\_yabuuchiae  
● SPP149 Methylobacterium brachiatum\_ruetsawaense\_longum\_mesophilicum\_oryzae...(8 species)  
● SPP15 Kocuria arsenatis\_rhizophila\_salsicia\_tytonis  
● SPP156 Brevundimonas bullata\_halotolerans  
● SPP16 Acinetobacter calcoaceticus\_pittii  
● SPP162 Aerococcus urinaeequi\_viridans  
● SPP163 Streptococcus pneumoniae\_pseudopneumoniae  
● SPP17 Treponema maltophilum\_sp.\_HMT\_260  
● SPP18 Staphylococcus edaphicus\_saprophyticus  
● SPP19 Fusobacterium nucleatum\_periodonticum\_sp.\_HMT\_203  
● SPP2 Fusobacterium nucleatum\_nucleatum\_subsp.\_animalis  
● SPP20 Neisseria elongata\_flava\_macacae\_mucosa\_sicca  
● SPP22 Psychrobacter alimentarius\_aquaticus\_vallis  
● SPP23 Neisseria flava\_macacae\_mucosa\_sicca  
● SPP3 Arthrobacter\_Pseudarthrobacter\_humicola\_oryzae\_oxydans\_pascens\_phenanthrenivorans...  
● SPP32 Veillonellaceae [G-1] bacterium\_HMT\_135\_bacterium\_HMT\_483  
● SPP35 Enterococcus canintestini\_dispar\_saigonensis  
● SPP36 Parvimonas\_Peptostreptococcus\_Candidatus\_Massiliensis\_sp.\_HMT\_110\_sp.\_HMT\_393  
● SPP37 Paracoccus aminovorans\_caeni\_chinensis\_huijuniae\_subflavus  
● SPP38 Kitasatospora\_Streptomyces\_aburaviensis\_anulatus\_aureofaciens\_azatica\_cinereo...(21 species)  
● SPP39 Staphylococcus capitis\_caprae  
● SPP40 Staphylococcus capitis\_caprae\_epidermidis  
● SPP41 Sphingomonas hankookensis\_panni  
● SPP42 Haemophilus parainfluenzae\_pittmaniae  
● SPP44 Peptoanaerobacter\_Peptostreptococcaceae [XI][G-7] [Eubacterium]\_yurii [Eubacterium]\_yu...  
● SPP45 Peptoanaerobacter\_Peptostreptococcaceae [XI][G-7] [Eubacterium]\_yurii [Eubacterium]\_yu...  
● SPP47 Catonella morbi\_sp.\_HMT\_164  
● SPP52 Enterococcus casseliflavus\_gallinarum  
● SPP53 Janthinobacterium aquaticum\_lividum\_rivuli  
● SPP55 Corynebacterium propinquum\_pseudodiphtheriticum  
● SPP57 Pseudomonas alcaliphila\_chengduensis\_oleovorans\_toyotomiensis  
● SPP58 Brucella Ochrobactrum abortus\_anthropi\_canis\_ceti\_cytisi\_grignonensis\_ha...(19 species)  
● SPP59 Veillonellaceae [G-1] bacterium\_HMT\_132\_bacterium\_HMT\_150  
● SPP60 Mesorhizobium australicum\_shangrilense  
● SPP61 Aggregatibacter segnis\_sp.\_HMT\_512  
● SPP62 Pseudomonas azotoformans\_lactis\_paralactis  
● SPP63 Brevundimonas intermedia\_poindexteriae  
● SPP64 Brachyobacterium horti\_nesterenkovi\_rhamnosum  
● SPP65 Pseudomonas baetica\_migulae\_umsongensis  
● SPP66 Olsenella phocaeensis\_sp.\_HMT\_809  
● SPP67 Streptococcus lactarius\_sinensis  
● SPP68 Leptotrichia\_Pseudoleptotrichia\_goodfellowii