**Table S2**

CampylobacterconcisusI\_046

Campylobacterrectus\_concisusI\_T86

Campylobacterrectus\_concisusII\_X36

CampylobacterconcisusII\_X33

Streptococcusanginosus\_intermediusII\_AB82

Streptococcusintermedius\_constellatusI\_F48

DialisterinvisusII\_AA94

EubacteriuminfirmumI\_Y45

SelenomonasspEW084\_DS071I\_Q52

SelenomonassputigenaI\_K65

SelenomonassputigenaII\_AB04

SelenomonasstrainGAA14I\_AB58

SelenomonasinfelixI\_O54

FusobacteriumnucleatumsspolymorphumI\_P89

PrevotellaspDO039I\_Q94

MegasphaeramicronuciformisII\_AA57

Streptococcusparasanguinis\_BE024II\_R17

Veillonellaatypical\_W04

DialisterinvisusI\_P73

EubacteriumsaburreumI\_W21

PeptostreptococcusmicrosI\_L97

PeptostreptococcusmicrosII\_V05

CampylobactergracilisI\_Q04

CampylobactergracilisII\_X34

CampylobactershowaeI\_W36

CampylobactershowaeII\_X35

Capnocytophagasputigenal\_W46

LactobacillusClusterI\_W94

PrevotellaClusterVI\_AA44

Prevotellamelaninogenica\_BE073I\_T81

PrevotellaspBE073\_FO012\_AA53

PrevotellaClusterI\_Y64

LactobacilliusgasseriI\_V86

Rothiadentocariosa\_mucilaginosal\_E52

RothiamucilagionosaII\_AB63

RothiamucilaginosaIII\_AB62

Streptococcusaustralis\_DialisterinvisusI\_U50

Eubacteriumyurii\_A3MTI\_W84

NeisseriaelongataI\_AA75

NeisseriaflavescensI\_AA76

KingellaoralisI\_O86

KingellaoralisII\_AA77

StreptococcussanguinisI\_AB75

StreptococcussanguinisII\_AB78

Haemophilusparainfluenzae\_aphrophilusI\_W79

HaemophilusspBJ095I\_AA97

GemellamorbillorumI\_K64

GemellamorbillorumII\_AB09

StreptococcisClusterI\_AB98

GranulicatellaelegansI\_AB28

GranulicatellaelegansII\_AB29

Streptococcuscristatus\_infantisI\_X08

Streptococcusmitisbiovar2I\_Q64

CapnocytophagaClusterII\_AA89

Eubacteriumsaburreum\_BE088I\_AB50

Veillonellaparvulal\_M04

Streptococcusanginosis\_gordoniiI\_F49

StreptococcusClusterII\_Q59

Streptococcussalivarium\_FO042I\_E34

Granulicatellaadiacens\_elegansII\_W81

GranulicatellaadiacensI\_AB30

StreptococcusaustralisT1E5II\_AB83

StreptococcusinfantisFN042\_Y74

Streptococcusparasanguinis\_BE024I\_V77

StreptococcusparasanguinisII\_AB05

Streptococcusparasanguinis\_sinensisIII\_AB99

VeillonellaatypticaII\_W88

VeillonellaClusterIV\_AC37

Gemellahaemolysans\_sanguisI\_K63

StreptococcusClusterIV\_Q62

Streptococcusoralis\_F46

StreptococcusClusterIII\_Q65

VeillonellaClusterII\_Q67