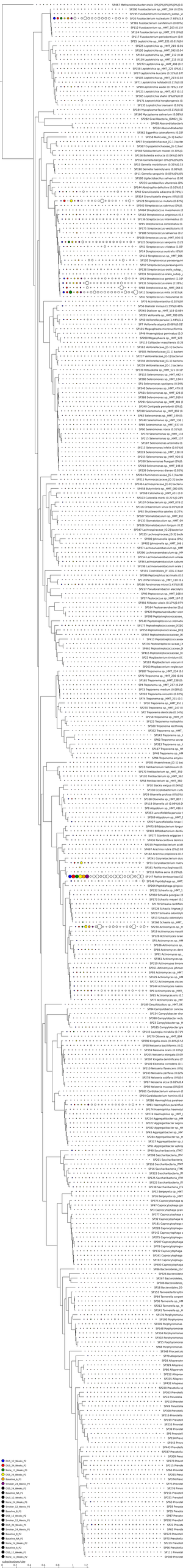
SP467 Methanobrevibacter oralis (0%0%0%0%0%0%0%)
SP290 Fusobacterium sp_HMT_204 (0.0%
SP195 Fusobacterium nucleatum_subsp_n
SP20 Fusobacterium nucleatum (7.69%3.8
SP81 Fusobacterium canifelinum (0.00%)
SP112 Fusobacterium sp_HMT_203 (0.15%
SP124 Fusobacterium sp_HMT_370 (0%)
SP517 Fusobacterium periodonticum (0.0
SP0 Leptotrichia sp_HMT_212 (0.01%0.
SP225 Leptotrichia sp_HMT_219 (0.01
SP130 Leptotrichia sp_HMT_392 (0.04
SP154 Leptotrichia sp_HMT_212 (0.1
SP139 Leptotrichia sp_HMT_215 (0.1
SP372 Leptotrichia sp_HMT_498 (0.2
SP158 Leptotrichia sp_HMT_225 (0%0.
SP47 Leptotrichia buccalis (0.52%0.67
SP185 Leptotrichia sp_HMT_223 (0.02
SP71 Leptotrichia hofstadii (0.11%0.0
SP99 Leptotrichia wadei (0.78%1.15
SP120 Leptotrichia sp_HMT_417 (0.12
SP360 Leptotrichia shahii (0%0%0.0
SP171 Leptotrichia hongkongensis (0.
SP135 Leptotrichia trevisanii (0.05%
SP184 Mycoplasma faucium (0.11%0.0
SP160 Mycoplasma salivarum (0.08%)
SP232 Eikenella corrodens_(0%0.1
SP428 Aggregatibacter
SP424 Aggregatibacter
SP262 Eggerthella cylindroides (0.02
SP358 Mollicutes_(0.11 bacte
SP83 Erysipelotrichaceae_(0.11 bac
SP363 Erysipelotrichaceae_(0.11 bac
SP128 Streptococcus mutans (0.82%)
SP242 Streptococcus sobrinus (0%)
SP484 Streptococcus macacae(0.0
SP162 Streptococcus anginosus (0.5
SP436 Streptococcus intermedius (0.
SP45 Streptococcus constellatus (0.
SP175 Streptococcus oralis (0.
SP188 Streptococcus salivarius (0.2
SP 0 Streptococcus sp_HMT_058 (0
SP123 Streptococcus sanguinis (3.21
SP52 Streptococcus criceti(0.21 0
SP14 Streptococcus australis (0%0.0
SP110 Streptococcus sp_HMT_064
SP120 Streptococcus parasanguinis
SP17 Streptococcus parasanguinis
SP64 Streptococcus oralis_subsp_
SP231 Streptococcus oralis_subsp_
SP53 Streptococcus mitis (2.19
SP131 Streptococcus oralis (2.26%)
SP98 Streptococcus mitis (0.0%0.0
SP12 Streptococcus mitis (4.91%4.
SP42 Streptococcus cristatus (0.
SP76 Actinobacillus ariantha (0.22%0
SP56 Dialister invisus (1.59%0.46%
SP35 Dialister sp_HMT_119 (0.08%
SP295 Veillonella sp_HMT_780 (0%
SP50 Veillonella parvula (1.44%2.1
SP7 Veillonella atypica (0.98%0.0
SP101 Megasphaera micronuciformis
SP48 Anaerophilus germanicus (0.3
SP260 Megasphaera sp_HMT_123
SP113 Collinsella massiliensis (0.2
SP310 Veillonella_(0.11 bacteria
SP305 Veillonella_(0.11 bacteri
SP237 Veillonella_(0.11 bacteri
SP294 Veillonella_(0.11 bacteri
SP239 Veillonella_(0.11 bacteri
SP339 Mitsuokella sp_HMT_521 (0.1
SP151 Selenomonas_sp_HMT_892 (
SP280 Selenomonas sp_HMT_134 (
SP1 Selenomonas sputigena (0.54%
SP140 Selenomonas sp_HMT_479 (0
SP501 Selenomonas sp_HMT_126 (0
SP368 Selenomonas sp_HMT_319 (0
SP291 Selenomonas sp_HMT_481 (0
SP348 Campylobacter pinnidens (0%0.
SP318 Selenomonas sp_HMT_892 (0.
SP42 Selenomonas sp_HMT_149 (0
SP240 Selenomonas sp_HMT_136 (
SP99 Selenomonas sp_HMT_937 (0
SP60 Selenomonas noxia (0.31%0.
SP155 Selenomonas sp_HMT_133
SP115 Selenomonas sp_HMT_137
SP197 Selenomonas artemidis (0.
SP213 Selenomonas infelix (0%0%0
SP229 Selenomonas sp_HMT_138 (0
SP325 Selenomonas sp_HMT_928 (0
SP330 Selenomonas flueggei (0%0.
SP218 Selenomonas sp_HMT_148 (
SP239 Selenomonas dianae (0.02%
SP224 Neisseria_(0.11 bacteria
SP211 Ruminococcaceae_(0.22 bacte
SP246 Lachnospiraceae_(0.42 bacte
SP458 Butyrivibrio sp_HMT_080 (0%
SP268 Catonella sp_HMT_451 (0.0
SP253 Catonella morbi (0.22%0.28
SP107 Oribacterium sp_HMT_078 (
SP216 Oribacterium sinus (0.05%0.04
SP052 Shuttleworthia satelles (0.27%
SP327 Stomatobaculum sp_HMT_302
SP133 Stomatobaculum sp_HMT_09
SP108 Stomatobaculum longum (0.3
SP347 Lachnospiraceae_(0.2 bacteri
SP135 Lachnospiraceae_(0.2 bacte
SP200 Johnsonella ignava (0%
SP442 Johnsonella sp_HMT_166
SP37 Lachnoanaerobaculum sp_HM
SP296 Lachnoanaerobaculum sp_HM
SP54 Lachnoanaerobaculum umeae
SP34 Lachnoanaerobaculum saburr
SP191 Clostridiales_(0.11 bacteria
SP396 Peptonphilus lacrimalis (0.0
SP119 Parvimonas sp_HMT_110 (0.2
SP168 Parvimonas micra (1.47%0.8
SP211 Pseudoramibacter alactolyticus
SP61 Peptococcus sp_HMT_167 (0
SP398 Peptococcus sp_HMT_167 (0
SP164 Peptoanaerobacter (0.0
SP423 Peptoanaerobacter stomatis
SP398 Peptostreptococcaceae_
SP460 Peptostreptococcus stomatis
SP177 Peptostreptococcaceae_(0(0(
SP250 Peptostreptococcaceae_(0(0
SP247 Peptostreptococcaceae_(0(
SP413 Peptostreptococcaceae
SP376 Peptostreptococcaceae_(0
SP401 Peptostreptococcaceae_(0
SP413 Peptostreptococcaceae_(0
SP22 Megibacterium timidum (0.
SP193 Megibacterium vescum (0
SP263 Mogibacterium neglectum
SP287 Tepidanaerobacter sp_HMT_
SP52 Tepidanaerobacter sp_HMT_230 (0.0
SP380 Tepidanaerobacter sp_HMT_238 (0.
SP4 Tepidanaerobacter sp_HMT_237 (0.22
SP73 Tepidanaerobacter medium (0.08%0.
SP203 Tepidanaerobacter vincentii (0.02%
SP4 Tepidanaerobacter sp_HMT_231 (0.1
SP39 Tepidanaerobacter sp_HMT_353 (
SP270 Tepidanaerobacter sp_HMT_247 (0
SP Tepidanaerobacter sp_HMT_27
SP Tepidanaerobacter sp_HMT_27
SP112 Tepidanaerobacter sp_HMT_
SP320 Tepidanaerobacter sp_HMT_
SP Tepidanaerobacter sp_HMT_
SP143 Tepidanaerobacter sp_
SP60 Tepidanaerobacter sp_
SP143 Tepidanaerobacter sp_
SP167 Tepidanaerobacter sp_
SP48 Tepidanaerobacter sp_HM
SP94 Tepidanaerobacter sp_HM
SP385 Anaerotignum_(0.11 bac
SP19 Finegoldia magna (0.0%0.0
SP19 Finegoldia magna (0.0%0.0
SP102 Finegoldia sp_HMT_362
SP58 Finegoldia sp_HMT_394
SP10 Slackia exigua (0.04%0.
SP158 Cryptobacterium curtum
SP29 Olsenella profusa (0%0%
SP180 Olsenella sp_HMT_807 (
SP118 Olsenella sp_HMT_
SP8 Atopobium sp_HMT_416 (0
SP153 Lancefieldella parvula (
SP389 Atopobium sp_HMT_
SP227 Lancefieldella rimae (
SP475 Bifidobacterium longum
SP65 Bifidobacterium dentium
SP377 Scardovia wiggsiae (
SP48 Parascardovia denticol
SP159 Propionibacterium acidi
SP497 Arachnia rubra (0%0.0
SP229 Actinomyces israelii
SP11 Rothia dentocariosa (0.
SP147 Rothia aeria (0.0%0.
SP146 Peptidphaga sp_HMT
SP384 Peptidphaga gingivi
SP152 Schaalia sp_HMT_3
SP150 Schaalia georgiae (0
SP173 Schaalia meyeri (0.
SP178 Schaalia cardiffen
SP226 Schaalia turicensis
SP257 Schaalia odontolyt
SP13 Schaalia odontolyt
SP206 Schaalia sp_HMT_
SP230 Actinomyces_sp_h
SP19 Actinomyces massil
SP428 Actinomyces israe
SP5 Actinomyces_sp_HM
SP188 Actinomyces sp_
SP69 Actinomyces dent
SP92 Actinomyces sp_
SP181 Actinomyces sp_
SP319 Actinomyces johnso
SP51 Actinomyces johnso
SP93 Actinomyces sp_HMT
SP129 Actinomyces sp_HM
SP372 Actinomyces viscos
SP264 Actinomyces naeslu
SP9 Actinomyces sp_HMT
SP83 Actinomyces sp_oral
SP77 Actinomyces sp_HM
SP289 Desulfobulbus sp_HMT_04
SP64 Campylobacter concisu
SP124 Campylobacter ebec
SP300 Campylobacter rectu
SP20 Campylobacter sp_H
SP Campylobacter gra
SP145 Lautropia mirabilis (0.71%
SP279 Ottowia sp_HMT_894
SP399 Kingella oralis (0.44%0.55
SP38 Neisseria bacilliformis (0.0
SP159 Neisseria oralis (0.10%0
SP205 Neisseria elongata (0.09
SP197 Kingella denitrificans (0
SP189 Eikenella corrodens (0.1
SP110 Neisseria flavescens (0%
SP419 Neisseria perflava (0.02%
SP279 Neisseria subflava (0%0.0
SP67 Neisseria sicca (0.02%0.4
SP98 Neisseria mucosa (0%0.0
SP301 Cardiobacterium valvarum (0
SP54 Cardiobacterium hominis (0.0
SP286 Haemophilus parahae
SP91 Haemophilus parainfl
SP74 Haemophilus haemolyt
SP74 Haemophilus sp_HMT_
SP234 Aggregatibacter sp_HM
SP322 Aggregatibacter segnis
SP382 Aggregatibacter sp_H
SP42 Aggregatibacter sp_HM
SP284 Aggregatibacter sp_H
SP157 Aggregatibacter sp_
SP61 Aggregatibacter aphrop
SP40 Saccharibacteria_(TM7
SP298 Saccharibacteria_(TM
SP201 Saccharibacteria_
SP158 Saccharibacteria_(TM7
SP16 Saccharibacteria_(TM7
SP13 Saccharibacteria_(TM
SP125 Saccharibacteria_(TM
SP222 Saccharibacteria_(TS
SP238 Saccharibacteria_(TS
SP2 Bergeyella sp_HMT
SP26 Bergeyella sp_HMT
SP375 Capnocytophaga sp
SP47 Capnocytophaga gin
SP71 Capnocytophaga gran
SP372 Capnocytophaga h
SP32 Capnocytophaga le
SP181 Capnocytophaga
SP428 Capnocytophaga
SP143 Capnocytophaga
SP271 Capnocytophaga
SP237 Capnocytophaga
SP78 Capnocytophaga
SP12 Capnocytophaga
SP141 Capnocytophaga
SP132 Capnocytophaga
SP400 Capnocytophaga
SP96 Bacteroides_(G(
SP126 Bacteroides
SP267 Bacteroides_
SP58 Bacteroides_(G(
SP18 Bacteroides_(G(
SP133 Tannerella forsythi
SP64 Tannerella serpedi
SP58 Tannerella sp_HM
SP212 Tannerella sp_H
SP141 Tannerella sp_H
SP176 Porphyromona
SP48 Porphyromo
SP28 Porphyromo
SP148 Porphyromo
SP134 Porphyromo
SP50 Porphyromo
SP48 Porphyromo
SP68 Porphyromo
SP98 Porphyromo
SP79 Alloprevot
SP28 Alloprevot
SP29 Alloprevot
SP80 Alloprevot
SP132 Alloprevot
SP135 Alloprevot
SP432 Alloprevot
SP220 Prevotella sp
SP363 Prevotella
SP14 Prevotella
SP150 Prevotel
SP49 Prevotella
SP116 Prevotella
SP106 Prevotel
SP213 Prevotel
SP38 Prevotel
SP6 Prevotel
SP154 Prevotel
SP343 Prevo
SP443 Prevotella
SP137 Prevotella
SP359 Prev
SP273 Prevot
SP313 Prevot
SP66 Prevotel
SP76 Prevot
SP115 Prevotel
SP61 Prevotel
SP62 Prevotel
SP59 Prevotel
SP15 Prevotel
SP87 Prevotel
SP292 Prevotel
SP21 Prevotel
SP65 Prevotel
SP223 Prevotel
SP224 Prevotel
SP224 Prevotel
SP98 Prevotel
SP251 Prevotel
SP285 Prevotel
OS5_12_Weeks_P2
OS5_24_Weeks_P2
OS5_24_Weeks_P1
OS5_24_Weeks_P3
Baseline_NA_P1
Baseline_NA_P2
Baseline_NA_P3
Baseline_NA_P4
Baseline_NA_P5
Baseline_NA_P6
Baseline_NA_P7
Baseline_NA_P8
Baseline_NA_P9
Baseline_NA_P10
Baseline_NA_P11
Baseline_NA_P12
Baseline_NA_P13
Baseline_NA_P14
Baseline_NA_P15
Baseline_NA_P16
Baseline_NA_P17
Baseline_NA_P18
Baseline_NA_P19
Baseline_NA_P20
Baseline_NA_P21
Baseline_NA_P22
Baseline_NA_P23
Baseline_NA_P24
Baseline_NA_P25
Baseline_NA_P26
Baseline_NA_P27
Baseline_NA_P28
Baseline_NA_P29
Baseline_NA_P30
Baseline_NA_P31
Baseline_NA_P32
Baseline_NA_P33
Baseline_NA_P34
Baseline_NA_P35
Baseline_NA_P36
Baseline_NA_P37
Baseline_NA_P38
Baseline_NA_P39
Baseline_NA_P40
Baseline_NA_P41
Baseline_NA_P42
Baseline_NA_P43
Baseline_NA_P44
Baseline_NA_P45
Baseline_NA_P46
Baseline_NA_P47
Baseline_NA_P48
Baseline_NA_P49
Baseline_NA_P50
Baseline_NA_P51
Baseline_NA_P52
Baseline_NA_P53
Baseline_NA_P54
Baseline_NA_P55
Baseline_NA_P56
Baseline_NA_P57
Baseline_NA_P58
Baseline_NA_P59
Baseline_NA_P60
Baseline_NA_P61
Baseline_NA_P62
Baseline_NA_P63
Baseline_NA_P64
Baseline_NA_P65
Baseline_NA_P66
Baseline_NA_P67
Baseline_NA_P68
Baseline_NA_P69
Baseline_NA_P70
Baseline_NA_P71
Baseline_NA_P72
Baseline_NA_P73
Baseline_NA_P74
Baseline_NA_P75
Baseline_NA_P76
Baseline_NA_P77
Baseline_NA_P78
Baseline_NA_P79
Baseline_NA_P80
Baseline_NA_P81
Baseline_NA_P82
Baseline_NA_P83
Baseline_NA_P84
Baseline_NA_P85
Baseline_NA_P86
Baseline_NA_P87
Baseline_NA_P88
Baseline_NA_P89
Baseline_NA_P90
Baseline_NA_P91
Baseline_NA_P92
Baseline_NA_P93
Baseline_NA_P94
Baseline_NA_P95
Baseline_NA_P96
Baseline_NA_P97
Baseline_NA_P98
Baseline_NA_P99
Baseline_NA_P100
OS5_12_Weeks_P1
OS5_12_Weeks_P3
Transcribe_1_Weeks_P1
Transcribe_1_Weeks_P2
Transcribe_1_Weeks_P3
Transcribe_24_Weeks_P1
Transcribe_24_Weeks_P2
Transcribe_24_Weeks_P3
Transcribe_12_Weeks_P1
Transcribe_12_Weeks_P2
Transcribe_12_Weeks_P3
Transcribe_Baseline_P1
Transcribe_Baseline_P2
Transcribe_Baseline_P3
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
Log10 transformed relative abundance