

Log₁₀(x)/max(log₁₀(x))
 0 20 40 60 80 100 %

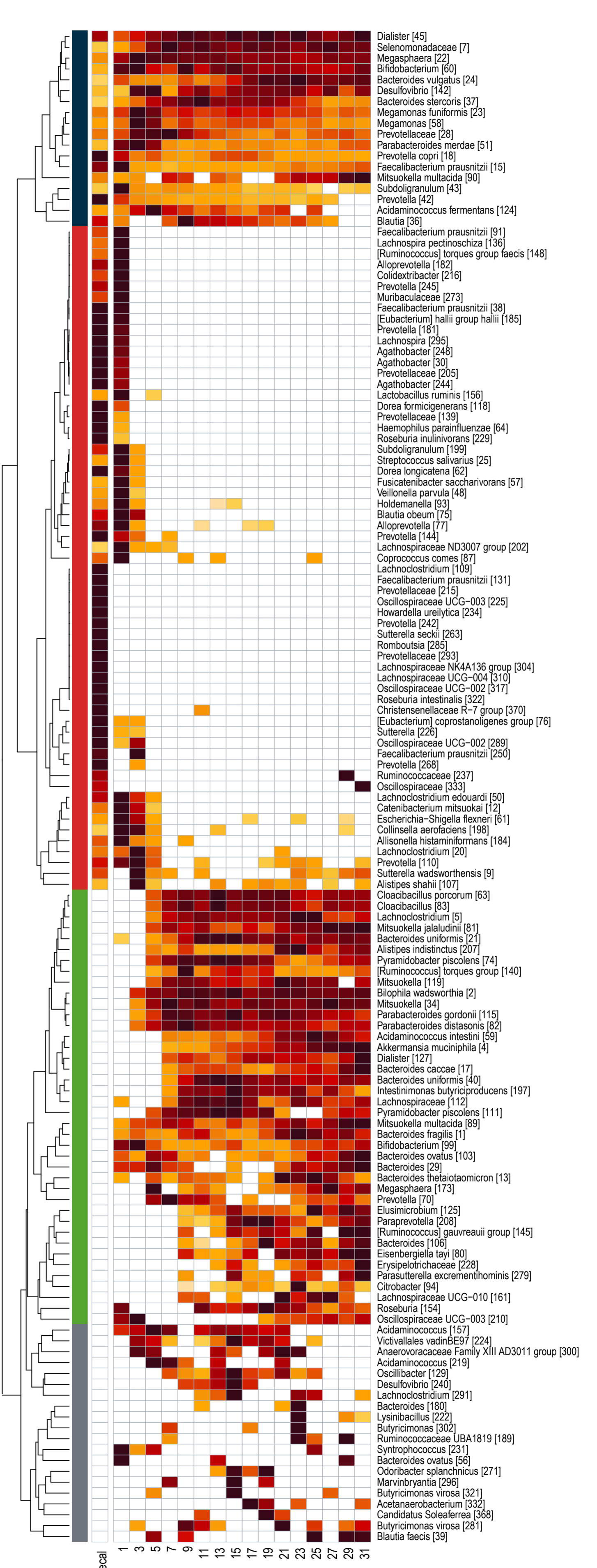
Survivors Non Survivors Bloomers Others

A

DC1 DC2



B



Fecal

Fecal

1 2 3 5 6 7 12 13 15 16 17 20 21 22

1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31

Bacteroides uniformis [21]
 Bacteroides uniformis [40]
 Bacteroides caccae [17]
 Dialister invisus [16]
 Sutterella wadsworthensis [9]
 Blautia faecis [39]
 Parabacteroides distasonis [35]
 Subdoligranulum [43]
 Bacteroides thetaiotaomicron [13]
 Bacteroides cellulosilyticus [33]
 Flavonifractor plautii [68]
 Parabacteroides merdae [51]
 Bacteroides [29]
 Oscillospiraceae [101]
 Oscillibacter [92]
 Bacteroidales [44]
 Lachnospiraceae [50]
 Bilophila wadsworthia [2]
 Negativibacillus massiliensis [160]
 Alistipes finegoldii [97]
 Bacteroides stercoris [37]
 Blautia [36]
 Oscillibacter [129]
 Bacteroides ovatus [56]
 Oscillospiraceae NK4A214 group [114]
 Roseburia [154]
 Bacteroides dorei [3]
 Agathobacter [30]
 Faecalibacterium prausnitzii [15]
 Catenibacterium mitsuokai [12]
 [Eubacterium] hallii group hallii [69]
 Tuzzerella [41]
 Blautia massiliensis [46]
 Bacteroides vulgatus [24]
 Faecalibacterium prausnitzii [38]
 [Eubacterium] coprostanoligenes group [76]
 Lachnospiraceae UCG-010 [96]
 Lachnospiraceae [20]
 Lachnospiraceae CAG-56 [122]
 Oscillospiraceae UCG-005 [147]
 Dorea longicatena [62]
 Haemophilus parainfluenzae [64]
 Veillonella [6]
 Blautia obeum [75]
 Streptococcus salivarius [25]
 [Ruminococcus] torques group lactaris [71]
 Fusicatibacter saccharivorans [57]
 Oscillospiraceae UCG-003 [141]
 Tuzzerella [193]
 Oscillospiraceae UCG-003 [137]
 Bacteroides [106]
 Succinella [14]
 Coprococcus catus [158]
 Bacteroides vulgatus [73]
 [Ruminococcus] torques group faecis [148]
 Holdemania [93]
 Butyrivibrio faecihominis [120]
 Anaerostipes hadrus [170]
 [Eubacterium] ventriosum group [150]
 Faecalibacterium prausnitzii [131]
 Lachnospira pectinoschiza [136]
 Faecalibacterium prausnitzii [91]
 Erysipelotrichaceae UCG-003 [165]
 Lachnospiraceae [213]
 Coprococcus comes [87]
 Dorea formicigenerans [118]
 Lachnospiraceae [172]
 Lachnospiraceae [171]
 Lachnospiraceae [190]
 Lachnospiraceae UCG-004 [132]
 Faecalibacterium prausnitzii [72]
 Clostridium sensu stricto 1 [11]
 Turicibacter sanguinis [27]
 Bacillus [31]
 Lachnospiraceae NK4A136 group [126]
 Lachnospiraceae NK4A136 group [151]
 Ruminococcus bicirculans [183]
 Subdoligranulum [199]
 Colidextribacter [216]
 Lachnospiraceae [220]
 Howardella urelytica [234]
 Holdemania biformis [236]
 Lachnospira [249]
 Lachnospiraceae [254]
 Colidextribacter [276]
 Roseburia hominis [282]
 Oscillospiraceae UCG-002 [317]
 Shuttleworthia [383]
 Oscillospiraceae [394]
 Bacteroides [408]
 Clostridioides [8]
 Odoribacter splanchnicus [271]
 Butyrivibrio paravirosa [246]
 Lachnospiraceae UCG-004 [217]
 Alistipes inops [79]
 Monoglobus [155]
 Prevotellaceae NK3B31 group [130]
 Prevotellaceae NK3B31 group [194]
 Ruminococcaceae [314]
 Blautia [252]
 [Eubacterium] hallii group hallii [253]
 Butyrivibrio [212]
 Lachnospiraceae [238]
 Butyrivibrio faecihominis [174]
 Holdemania [278]
 [Eubacterium] hallii group hallii [185]
 Ruminococcaceae [237]
 Rhodospirillales [117]
 Lachnospira pectinoschiza [223]
 Lachnospiraceae NK4A136 group [84]
 Lachnospiraceae [104]
 Colidextribacter massiliensis [325]
 Lachnospiraceae [109]
 Lachnospiraceae [241]
 [Ruminococcus] gaurvrauii group [123]
 [Ruminococcus] torques group [140]
 Lachnospiraceae NK3007 group [202]
 Bacteroides fragilis [11]
 Lachnospiraceae [26]
 Lachnospiraceae [5]
 Bacteroides [65]
 Bacteroidales [86]
 Bacteroidales [113]
 Eisenbergiella tayi [80]
 Lachnospiraceae [78]
 Lachnospiraceae [121]
 Lachnospiraceae [102]
 Veillonella parvula [10]
 Klebsiella pneumoniae [32]
 Blautia coxoides [53]
 Akkermansia muciniphila [4]
 Bacteroides [47]
 Staphylococcus sciuri [98]
 Selenomonas [54]
 Colidextribacter [128]
 Megaspheera micronuciformis [19]
 Bacteroides [108]
 Ruminococcaceae [149]
 Escherichia-Shigella flexneri [61]
 Veillonella parvula [49]
 Bacteroides [180]
 Lachnospiraceae FCS020 group [138]
 Methanobrevibacter [280]
 Oscillibacter [227]
 Lachnospiraceae [55]
 Hungateella [100]
 Oscillospiraceae UCG-002 [116]
 Alistipes shahii [107]
 Lachnospiraceae UCG-004 [67]
 [Ruminococcus] torques group [153]
 Ruminococcaceae [134]
 Veillonella parvula [48]
 Lachnospiraceae [143]
 Candidatus Soleaferrea [214]
 Streptococcus parasanguinis [95]
 Bifidobacterium dentium [152]
 Erysipelotrichaceae [195]
 Anaerovoracaceae Family XIII AD3011 group [265]
 Lachnospiraceae [133]
 Lachnospiraceae [175]

Dialister [45]
 Selenomonadaceae [7]
 Megaspheera [22]
 Bifidobacterium [60]
 Bacteroides vulgatus [24]
 Desulfobivrio [142]
 Bacteroides stercoris [37]
 Megamonas funiformis [23]
 Megamonas [58]
 Prevotellaceae [28]
 Parabacteroides merdae [51]
 Prevotella copri [18]
 Faecalibacterium prausnitzii [15]
 Mitsuokella multacidia [90]
 Subdoligranulum [43]
 Prevotella [42]
 Acidaminococcus fermentans [124]
 Blautia [36]
 Faecalibacterium prausnitzii [91]
 Lachnospira pectinoschiza [136]
 [Ruminococcus] torques group faecis [148]
 Alloprevotella [182]
 Colidextribacter [216]
 Prevotella [245]
 Muribaculaceae [273]
 Faecalibacterium prausnitzii [38]
 [Eubacterium] hallii group hallii [185]
 Prevotella [181]
 Lachnospira [295]
 Agathobacter [248]
 Agathobacter [30]
 Prevotellaceae [205]
 Agathobacter [244]
 Lactobacillus ruminis [156]
 Dorea formicigenerans [118]
 Prevotellaceae [139]
 Haemophilus parainfluenzae [64]
 Roseburia inulinivorans [229]
 Subdoligranulum [199]
 Streptococcus salivarius [25]
 Dorea longicatena [62]
 Fusicatibacter saccharivorans [57]
 Veillonella parvula [48]
 Holdemania [93]
 Blautia obeum [75]
 Alloprevotella [77]
 Prevotella [144]
 Lachnospiraceae ND3007 group [202]
 Coprococcus comes [87]
 Lachnospiraceae [109]
 Faecalibacterium prausnitzii [131]
 Prevotellaceae [215]
 Oscillospiraceae UCG-003 [225]
 Howardella urelytica [234]
 Prevotella [242]
 Sutterella seckii [263]
 Romboutsia [285]
 Prevotellaceae [293]
 Lachnospiraceae NK4A136 group [304]
 Lachnospiraceae UCG-004 [310]
 Oscillospiraceae UCG-002 [317]
 Roseburia intestinalis [322]
 Christensenellaceae R-7 group [370]
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 Oscillospiraceae UCG-002 [289]
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 Prevotella [268]
 Ruminococcaceae [237]
 Oscillospiraceae [333]
 Lachnospiraceae [50]
 Catenibacterium mitsuokai [12]
 Escherichia-Shigella flexneri [61]
 Collinsella aerofaciens [198]
 Allisonella histaminiformans [184]
 Lachnospiraceae [20]
 Prevotella [110]
 Sutterella wadsworthensis [9]
 Alistipes shahii [107]
 Cloacibacillus porcorum [63]
 Cloacibacillus [83]
 Lachnospiraceae [5]
 Mitsuokella jalaludini [81]
 Bacteroides uniformis [21]
 Alistipes indistinctus [207]
 Pyramidobacter piscicola [74]
 [Ruminococcus] torques group [140]
 Mitsuokella [119]
 Bilophila wadsworthia [2]
 Parabacteroides gordonii [115]
 Parabacteroides distasonis [82]
 Acidaminococcus intestinalis [59]
 Akkermansia muciniphila [4]
 Dialister [127]
 Bacteroides caccae [17]
 Bacteroides uniformis [40]
 Intestinimonas butyriciproducens [197]
 Lachnospiraceae [112]
 Pyramidobacter piscicola [111]
 Mitsuokella multacidia [89]
 Bacteroides fragilis [1]
 Bifidobacterium [99]
 Bacteroides ovatus [103]
 Bacteroides [29]
 Bacteroides thetaiotaomicron [13]
 Megaspheera [173]
 Prevotella [70]
 Elusimicrobium [125]
 Paraprevotella [208]
 [Ruminococcus] gaurvrauii group [145]
 Bacteroides [106]
 Eisenbergiella tayi [80]
 Erysipelotrichaceae [228]
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 Citrobacter [94]
 Lachnospiraceae UCG-010 [161]
 Roseburia [154]
 Oscillospiraceae UCG-003 [210]
 Acidaminococcus [157]
 Victivallales vadinBE97 [224]
 Anaerovoracaceae Family XIII AD3011 group [300]
 Acidaminococcus [219]
 Oscillibacter [129]
 Desulfobivrio [240]
 Lachnospiraceae [291]
 Bacteroides [180]
 Lysinibacillus [222]
 Butyrivibrio [302]
 Ruminococcaceae UBA1819 [189]
 Syntrophococcus [231]
 Bacteroides ovatus [56]
 Odoribacter splanchnicus [271]
 Marvinbryantia [296]
 Butyrivibrio virosa [321]
 Acetanaerobacterium [332]
 Candidatus Soleaferrea [368]
 Butyrivibrio virosa [281]
 Blautia faecis [39]