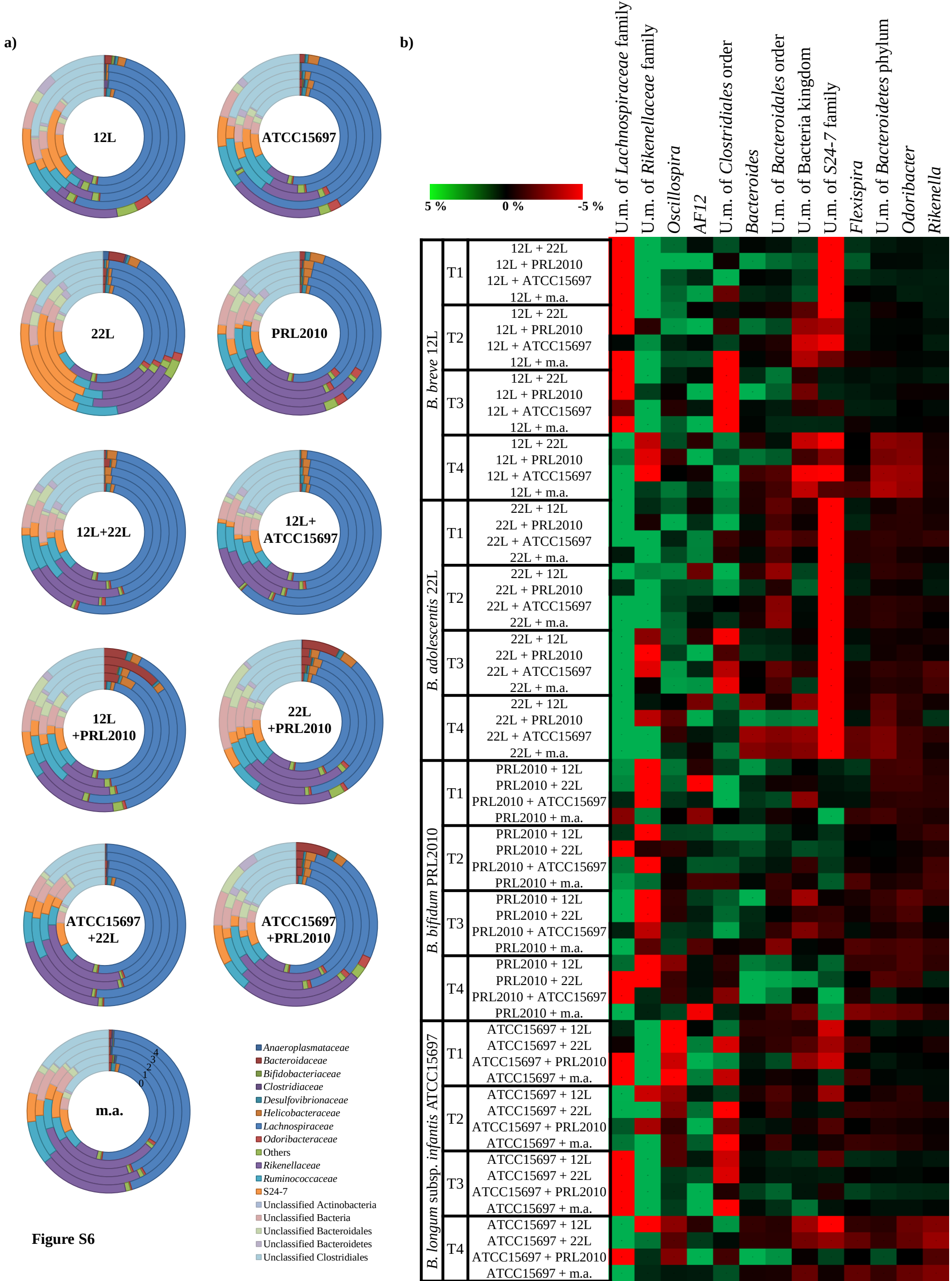
a)
12L
ATCC15697
22L
PRL2010
12L+22L
12L+ ATCC15697
12L +PRL2010
22L +PRL2010
ATCC15697 +22L
ATCC15697 +PRL2010
m.a.
0
1
2
3
4
Anaeroplasmataceae
Bacteroidaceae
Bifidobacteriaceae
Clostridiaceae
Desulfovibrionaceae
Helicobacteraceae
Lachnospiraceae
Odoribacteraceae
Others
Rikenellaceae
Ruminococcaceae
S24-7
Unclassified Actinobacteria
Unclassified Bacteria
Unclassified Bacteroidales
Unclassified Bacteroidetes
Unclassified Clostridiales
b)
5 %
0 %
-5 %
U.m. of Lachnospiraceae family
U.m. of Rikenellaceae family
Oscillospira
AF12
U.m. of Clostridiales order
Bacteroides
U.m. of Bacteroidales order
U.m. of Bacteria kingdom
U.m. of S24-7 family
Flexispira
U.m. of Bacteroidetes phylum
Odoribacter
Rikenella
B. breve 12L
T1
12L + 22L
12L + PRL2010
12L + ATCC15697
12L + m.a.
T2
12L + 22L
12L + PRL2010
12L + ATCC15697
12L + m.a.
T3
12L + 22L
12L + PRL2010
12L + ATCC15697
12L + m.a.
T4
12L + 22L
12L + PRL2010
12L + ATCC15697
12L + m.a.
B. adolescentis 22L
T1
22L + 12L
22L + PRL2010
22L + ATCC15697
22L + m.a.
T2
22L + 12L
22L + PRL2010
22L + ATCC15697
22L + m.a.
T3
22L + 12L
22L + PRL2010
22L + ATCC15697
22L + m.a.
T4
22L + 12L
22L + PRL2010
22L + ATCC15697
22L + m.a.
B. bifidum PRL2010
T1
PRL2010 + 12L
PRL2010 + 22L
PRL2010 + ATCC15697
PRL2010 + m.a.
T2
PRL2010 + 12L
PRL2010 + 22L
PRL2010 + ATCC15697
PRL2010 + m.a.
T3
PRL2010 + 12L
PRL2010 + 22L
PRL2010 + ATCC15697
PRL2010 + m.a.
T4
PRL2010 + 12L
PRL2010 + 22L
PRL2010 + ATCC15697
PRL2010 + m.a.
B. longum subsp. infantis ATCC15697
T1
ATCC15697 + 12L
ATCC15697 + 22L
ATCC15697 + PRL2010
ATCC15697 + m.a.
T2
ATCC15697 + 12L
ATCC15697 + 22L
ATCC15697 + PRL2010
ATCC15697 + m.a.
T3
ATCC15697 + 12L
ATCC15697 + 22L
ATCC15697 + PRL2010
ATCC15697 + m.a.
T4
ATCC15697 + 12L
ATCC15697 + 22L
ATCC15697 + PRL2010
ATCC15697 + m.a.

Figure S6