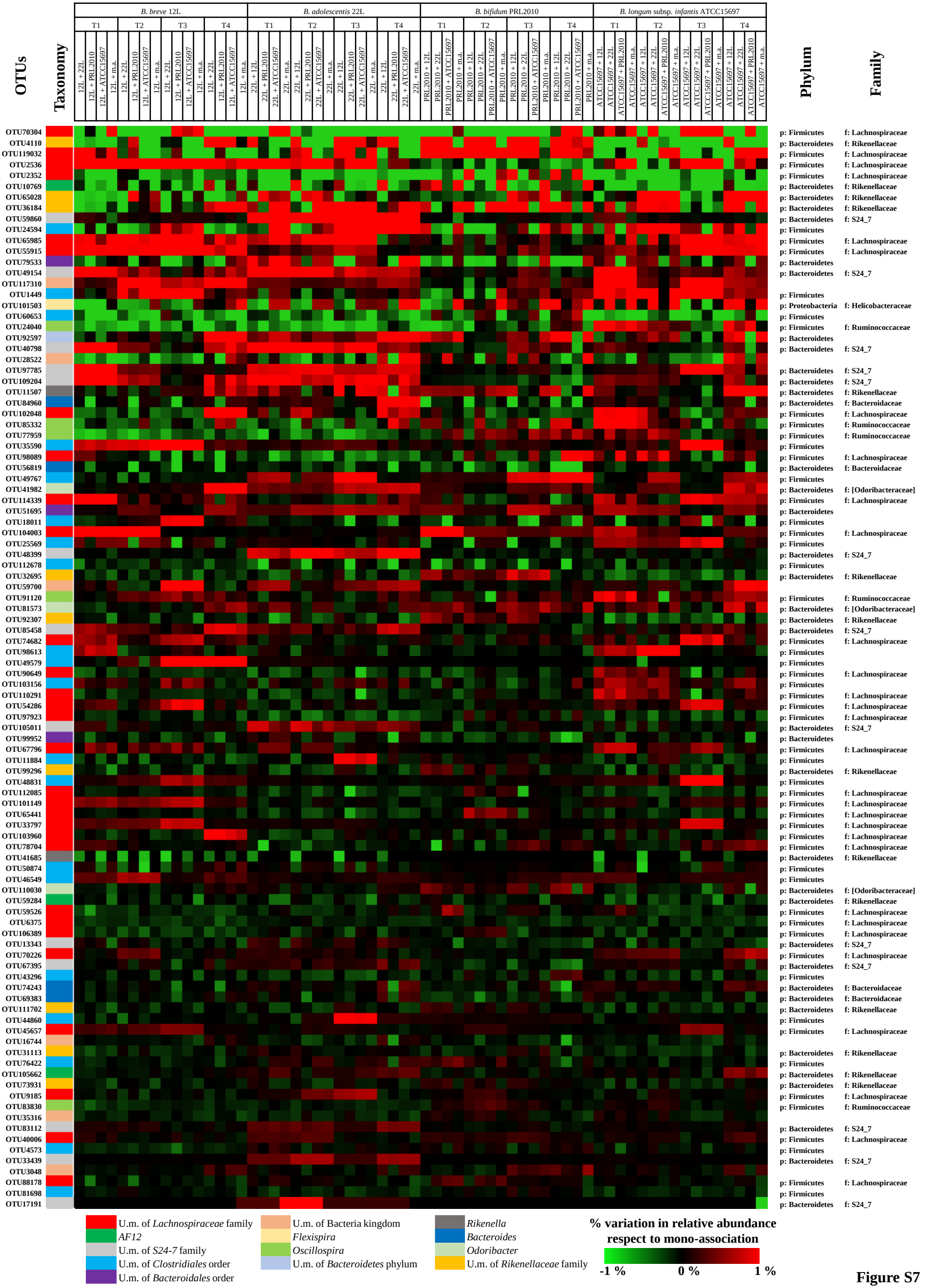
OTUs
Taxonomy
B. breve 12L
B. adolescentis 22L
B. bifidum PRL2010
B. longum subsp. infantis ATCC15697
T1
T2
T3
T4
12L + 22L
12L + PRL2010
12L + ATCC15697
12L + m.a.
22L + 12L
22L + PRL2010
22L + ATCC15697
22L + m.a.
PRL2010 + 12L
PRL2010 + 22L
PRL2010 + ATCC15697
PRL2010 + m.a.
ATCC15697 + 12L
ATCC15697 + 22L
ATCC15697 + PRL2010
ATCC15697 + m.a.
Phylum
Family
OTU70304 p: Firmicutes f: Lachnospiraceae
OTU4110 p: Bacteroidetes f: Rikenellaceae
OTU119032 p: Firmicutes f: Lachnospiraceae
OTU2536 p: Firmicutes f: Lachnospiraceae
OTU2352 p: Firmicutes f: Lachnospiraceae
OTU10769 p: Bacteroidetes f: Rikenellaceae
OTU65028 p: Bacteroidetes f: Rikenellaceae
OTU36184 p: Bacteroidetes f: Rikenellaceae
OTU59860 p: Bacteroidetes f: S24_7
OTU24594 p: Firmicutes
OTU65985 p: Firmicutes f: Lachnospiraceae
OTU55915 p: Firmicutes f: Lachnospiraceae
OTU79533 p: Bacteroidetes
OTU49154 p: Bacteroidetes f: S24_7
OTU117310
OTU1449 p: Firmicutes
OTU101503 p: Proteobacteria f: Helicobacteraceae
OTU60653 p: Firmicutes
OTU24040 p: Firmicutes f: Ruminococcaceae
OTU92597 p: Bacteroidetes
OTU40798 p: Bacteroidetes f: S24_7
OTU28522
OTU97785 p: Bacteroidetes f: S24_7
OTU109204 p: Bacteroidetes f: S24_7
OTU11507 p: Bacteroidetes f: Rikenellaceae
OTU84960 p: Bacteroidetes f: Bacteroidaceae
OTU102048 p: Firmicutes f: Lachnospiraceae
OTU85332 p: Firmicutes f: Ruminococcaceae
OTU77959 p: Firmicutes f: Ruminococcaceae
OTU35590 p: Firmicutes
OTU98089 p: Firmicutes f: Lachnospiraceae
OTU56819 p: Bacteroidetes f: Bacteroidaceae
OTU49767 p: Firmicutes
OTU41982 p: Bacteroidetes f: [Odoribacteraceae]
OTU114339 p: Firmicutes f: Lachnospiraceae
OTU51695 p: Bacteroidetes
OTU18011 p: Firmicutes
OTU104003 p: Firmicutes f: Lachnospiraceae
OTU25569 p: Firmicutes
OTU48399 p: Bacteroidetes f: S24_7
OTU112678 p: Firmicutes
OTU32695 p: Bacteroidetes f: Rikenellaceae
OTU59700
OTU91120 p: Firmicutes f: Ruminococcaceae
OTU81573 p: Bacteroidetes f: [Odoribacteraceae]
OTU92307 p: Bacteroidetes f: Rikenellaceae
OTU85458 p: Bacteroidetes f: S24_7
OTU74682 p: Firmicutes f: Lachnospiraceae
OTU98613 p: Firmicutes
OTU49579 p: Firmicutes
OTU90649 p: Firmicutes f: Lachnospiraceae
OTU103156 p: Firmicutes
OTU110291 p: Firmicutes f: Lachnospiraceae
OTU54286 p: Firmicutes f: Lachnospiraceae
OTU97923 p: Firmicutes f: Lachnospiraceae
OTU105011 p: Bacteroidetes f: S24_7
OTU99952 p: Bacteroidetes
OTU67796 p: Firmicutes f: Lachnospiraceae
OTU11884 p: Firmicutes
OTU99296 p: Bacteroidetes f: Rikenellaceae
OTU48831 p: Firmicutes
OTU112085 p: Firmicutes f: Lachnospiraceae
OTU101149 p: Firmicutes f: Lachnospiraceae
OTU65441 p: Firmicutes f: Lachnospiraceae
OTU33797 p: Firmicutes f: Lachnospiraceae
OTU103960 p: Firmicutes f: Lachnospiraceae
OTU78704 p: Firmicutes f: Lachnospiraceae
OTU41685 p: Bacteroidetes f: Rikenellaceae
OTU50874 p: Firmicutes
OTU46549 p: Firmicutes
OTU110030 p: Bacteroidetes f: [Odoribacteraceae]
OTU59284 p: Bacteroidetes f: Rikenellaceae
OTU59526 p: Firmicutes f: Lachnospiraceae
OTU6375 p: Firmicutes f: Lachnospiraceae
OTU106389 p: Firmicutes f: Lachnospiraceae
OTU13343 p: Bacteroidetes f: S24_7
OTU70226 p: Firmicutes f: Lachnospiraceae
OTU67395 p: Bacteroidetes f: S24_7
OTU43296 p: Firmicutes
OTU74243 p: Bacteroidetes f: Bacteroidaceae
OTU69383 p: Bacteroidetes f: Bacteroidaceae
OTU111702 p: Bacteroidetes f: Rikenellaceae
OTU44860 p: Firmicutes
OTU45657 p: Firmicutes f: Lachnospiraceae
OTU16744
OTU31113 p: Bacteroidetes f: Rikenellaceae
OTU76422 p: Firmicutes
OTU105662 p: Bacteroidetes f: Rikenellaceae
OTU73931 p: Bacteroidetes f: Rikenellaceae
OTU9185 p: Firmicutes f: Lachnospiraceae
OTU83830 p: Firmicutes f: Ruminococcaceae
OTU35316
OTU83112 p: Bacteroidetes f: S24_7
OTU40006 p: Firmicutes f: Lachnospiraceae
OTU4573 p: Firmicutes
OTU33439 p: Bacteroidetes f: S24_7
OTU3048
OTU88178 p: Firmicutes f: Lachnospiraceae
OTU81698 p: Firmicutes
OTU17191 p: Bacteroidetes f: S24_7
U.m. of Lachnospiraceae family
AF12
U.m. of S24-7 family
U.m. of Clostridiales order
U.m. of Bacteroidales order
U.m. of Bacteria kingdom
Flexispira
Oscillospira
U.m. of Bacteroidetes phylum
Rikenella
Bacteroides
Odoribacter
U.m. of Rikenellaceae family
% variation in relative abundance respect to mono-association
-1 %
0 %
1 %

Figure S7