

Title	Impact of a bathing tradition on shared gut microbe among Japanese families
Authors	Odamaki, Toshitaka;Bottacini, Francesca;Mitsuyama, Eri;Yoshida, Keisuke;Kato, Kumiko;Xiao, Jin-zhong;van Sinderen, Douwe
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-Supplementary Information-

Impact of a bathing tradition on shared gut microbe among Japanese families

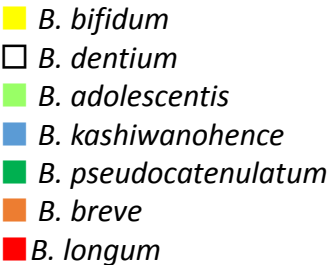
Toshitaka Odamaki^{1,2*}, Francesca Bottacini², Eri Mitsuyama¹, Keisuke Yoshida¹, Kumiko Kato¹, Jin-zhong Xiao¹ and Douwe van Sinderen²

¹Next Generation Science Institute, Morinaga Milk Industry Co., Ltd., Zama, Kanagawa, Japan

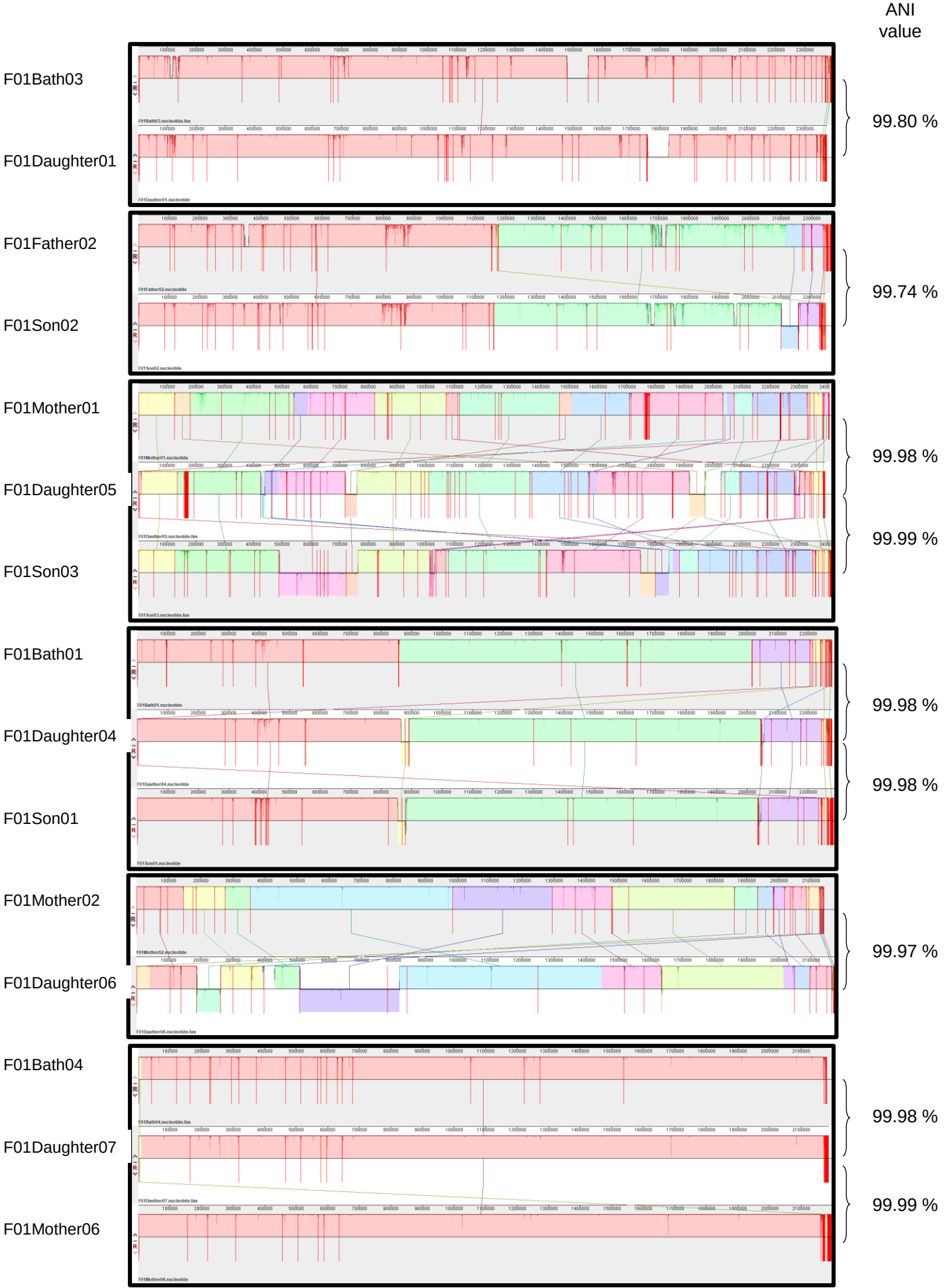
²APC Microbiome Ireland and School of Microbiology, National University of Ireland, Western Road, Cork, Ireland

Inventory of Supplementary Information

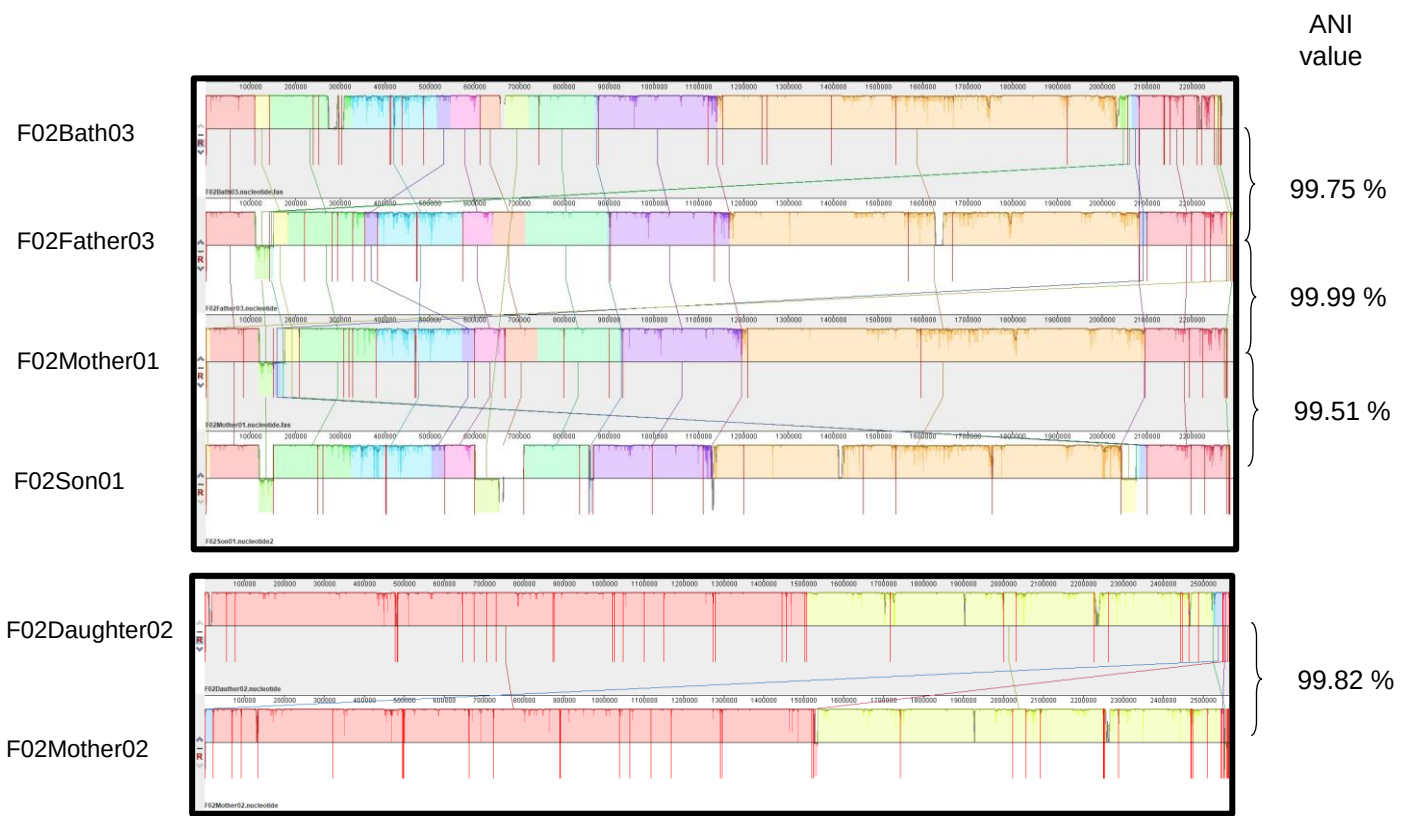
1. Supplementary Figures and Legends
Supplementary Figure S1-S2
2. Supplementary Tables
Supplementary Table S1-S13



We identified taxonomical classification of all isolates by the phylogenetic analysis performed on the *Bifidobacterium* core genome.



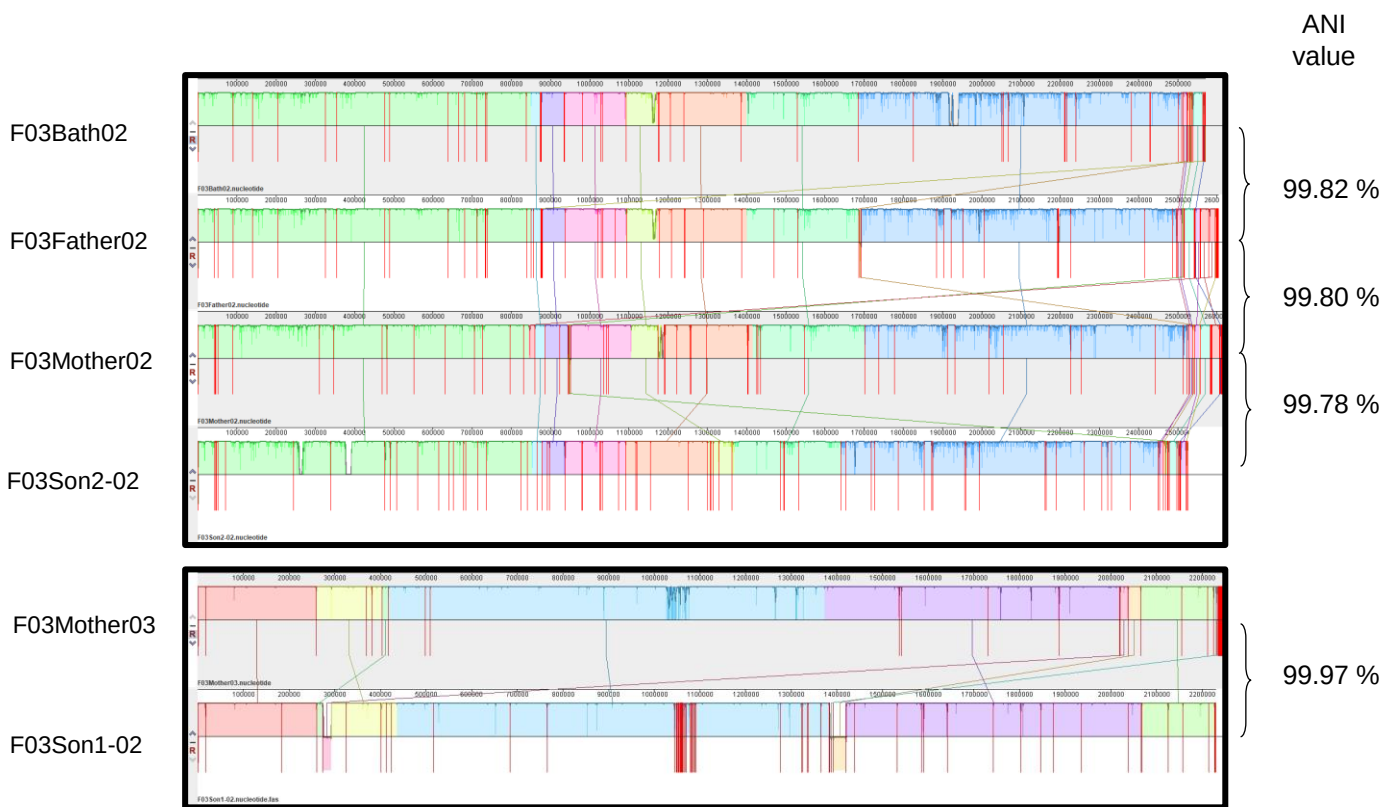
Supplementary Fig. 2a
Sequence similarity between strains putatively transmitted among family1 members and bathtub water
Related to Figure2. As shown in Mauve whole nucleotide alignment, certain strain-sets which were isolated from feces and bathtub water share near identical genome sequences, suggesting that bifidobacterial strains isolated from bathtub water were from family member. General features of each of the newly determined Bifidobacterium genomes



Supplementary Fig. 2b

Sequence similarity between strains putatively transmitted among family2 members and bathtub water

Related to Figure2. As shown in Mauve whole nucleotide alignment, certain strain-sets which were isolated from feces and bathtub water share near identical genome sequences, suggesting that bifidobacterial strains isolated from bathtub water were from family member. General features of each of the newly determined *Bifidobacterium* genomes



Supplementary Fig. 2c
Sequence similarity between strains putatively transmitted among family3 members and bathtub water
 Related to Figure2. As shown in Mauve whole nucleotide alignment, certain strain-sets which were isolated from feces and bathtub water share near identical genome sequences, suggesting that bifidobacterial strains isolated from bathtub water were from family member. General features of each of the newly determined Bifidobacterium genomes

ANI
value

F04Father04

F04Mother02

F04Son4

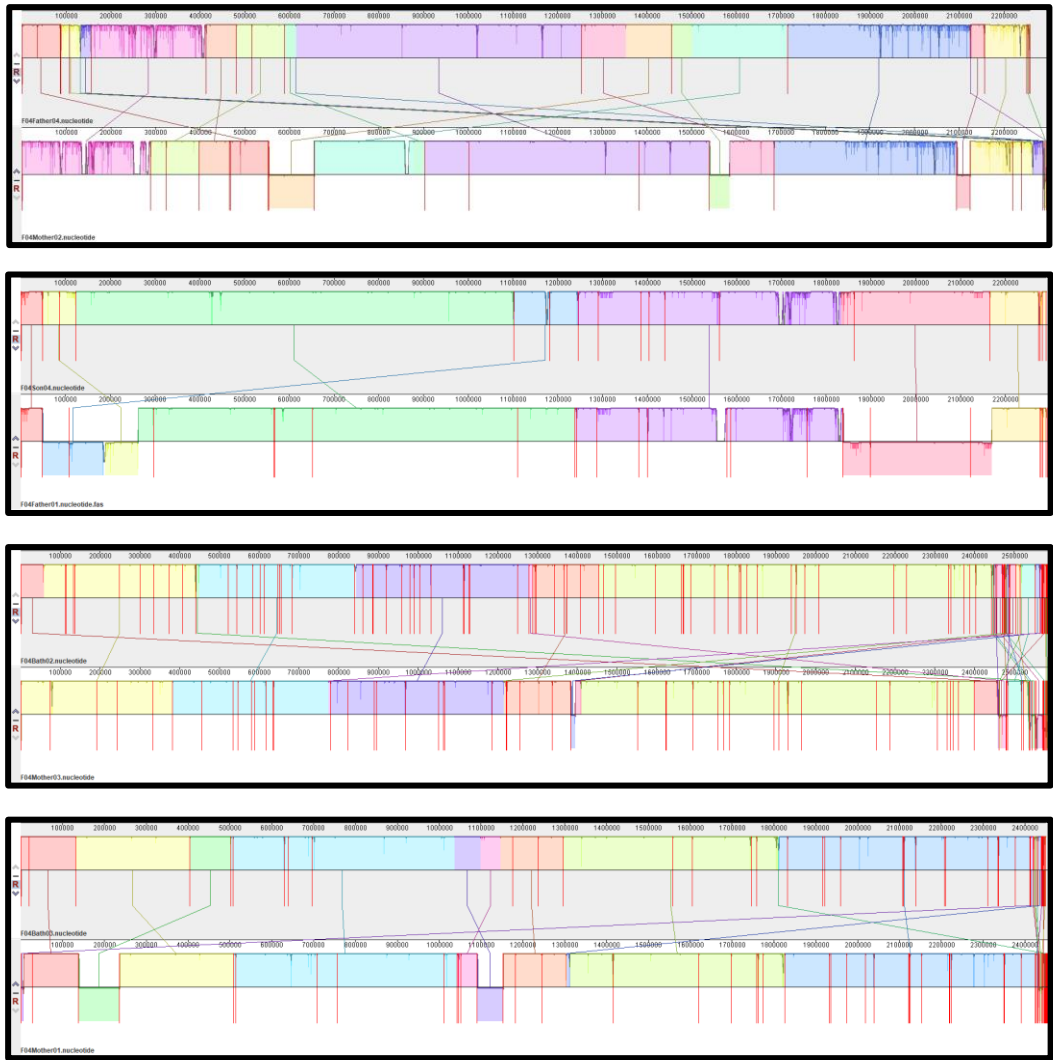
F04Father01

F04Bath02

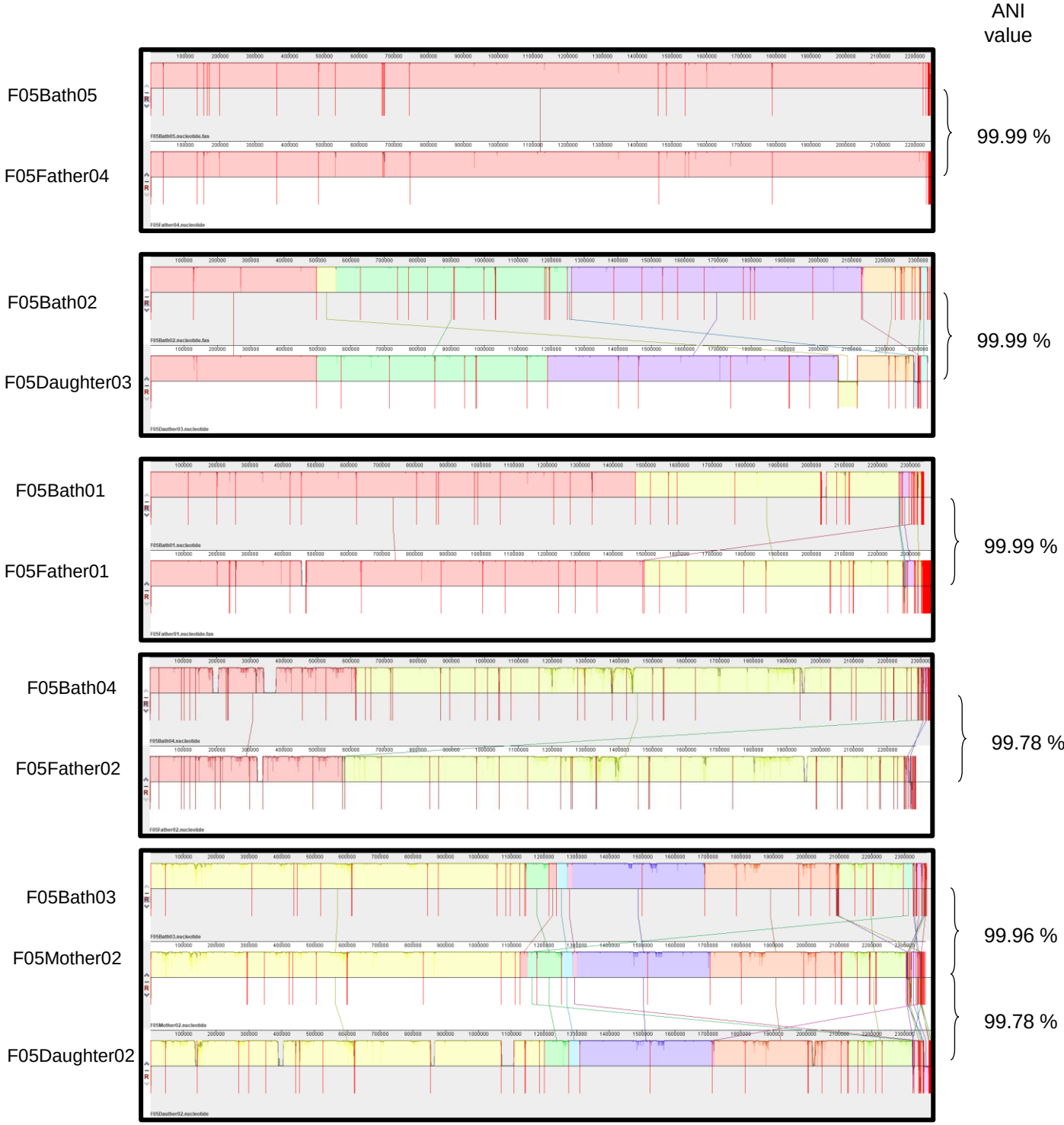
F04Mother03

F04Bath03

F04Mother01



Supplementary Fig. 2d
Sequence similarity between strains putatively transmitted among family4 members and bathtub water
Related to Figure2. As shown in Mauve whole nucleotide alignment, certain strain-sets which were isolated from feces and bathtub water share near identical genome sequences, suggesting that bifidobacterial strains isolated from bathtub water were from family member. General features of each of the newly determined Bifidobacterium genomes



Supplementary Fig. 2e
Sequence similarity between strains putatively transmitted among family5 members and bathtub water
Related to Figure2. As shown in Mauve whole nucleotide alignment, certain strain-sets which were isolated from feces and bathtub water share near identical genome sequences, suggesting that bifidobacterial strains isolated from bathtub water were from family member. General features of each of the newly determined Bifidobacterium genomes