



Figure S1 The growth curve and maximum growth rate of *B. longum* subsp. *infantis* ATCC 15697; (a) Growth curve; (b) Maximum growth rate. The carbohydrates were denoted by their abbreviation. No Carbohydrate (NoCHO), Glucose (Glc). Each data point reflected the average of three replicates, with the error bars denoting standard deviation. The letters a, b, c, and d indicated statistically significant variances among groups distinguished by different letters ( $P < 0.05$ ).

Table S1: The 16S rRNA sequences of *Streptococcus* sp. strains.

Strains	16S rRNA Sequences
<i>Streptococcus</i> sp. 21WXB0057M1	>21WXB0057M1_gene1708 CTATACATGCAGTAGAACGCTGAAGGAAGGAGCTTGCTCTTTCCG GATGAGTTGCGAACGGGTGAGTAACGCGTAGGTAACCTGCCTGGT AGCGGGGGATAACTATTGGAAACGATAGCTAATACCGCATAACAG TAGATATCGCATGATAGCTGCTTGAAAGGTGCAAATGCACCACTA CCAGATGGACCTGCGTTGTATTAGCTAGTTGGTGAGGTAACGGCTC ACCAAGGCAACGATACATAGCCGACCTGAGAGGGTGATCGGCCA CACTGGGACTGAGACACGGCCCAGACTCCTACGGGAGGCAGCAGT AGGGAATCTTCGGCAATGGACGGAAGTCTGACCGAGCAACGCCCG GTGAGTGAAGAAGGTTTTCGGATCGTAAAGCTCTGTTGTAAGAGA AGAACGAGTGTGAGAGTGGAAGTTCACTGTGACGGTATCTTA CCAGAAAGGGACGGCTAACTACGTGCCAGCAGCCGCGGTAATAC GTAGGTCCCCGAGCGTTGTCCGGATTTATTGGGCGTAAAGCGAGCG CAGGCGGTTAGATAAGTCTGAAGTTAAAGGCTGTGGCTTAACCAT AGTACGCTTTGGAAACTGTTAACTTGAGTGCAAGAGGGGAGAGT GGAATTCCATGTGTAGCGGTGAAATGCGTAGATATATGGAGGAAC ACCGGTGCGAAAGCGGCTCTCTGGCTTGTAAGTACGCTGAGGC TCGAAAGCGTGGGGAGCAAACAGGATTAGATACCCTGGTAGTCCA CGCCGTAAACGATGAGTGCTAGGTGTTAGACCCTTTCCGGGGTTTA GTGCCGTAGCTAACGCATTAAGCACTCCGCCTGGGGAGTACGACC GCAAGGTTGAAACTCAAAGGAATTGACGGGGGCCCCGACAAGCG GTGGAGCATGTGGTTTAATTGCAAGCAACGCGAAGAACCTTACCA GGTCTTGACATCCCTCTGACCGCTCTAGAGATAGAGTTTTCCTTCG GGACAGAGGTGACAGGTGGTGCATGGTTGTCGTCAGCTCGTGTCTG GAGATGTTGGGTTAAGTCCCAGCAACGAGCGCAACCCCTATTGTTAG TTGCCATCATTGAGTTGGGCACTCTAGCGAGACTGCCGGTAATAAA CCGGAGGAAGGTGGGGATGACGTCAAATCATCATGCCCTTATGA CCTGGGCTACACACGTGCTACAATGGTTGGTACAACGAGTCGCAA

GCCGGTGACGGCAAGCTAATCTCTTAAAGCCAATCTCAGTTCGGAT  
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>21WXB0044M1\_gene1818

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*Streptococcus* sp.  
21WXB0044M1

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>BJSWXB5TM5\_gene0977

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*Streptococcus* sp.  
BJSWXB5TM5

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>JSWX21M4MR\_gene1859

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GGTATCTTACCAGAAAGGGACGGCTAACTACGTGCCAGCAGCCGC  
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*Streptococcus* sp.  
JSWX21MRM4