



Supplementary Material

Genome Characterization of Probiotic *Lactobacillus delbrueckii* Subsp. *bulgaricus* Strain NDO2 Isolated from Traditional Yogurt using High Throughput Next Generation Sequencing

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Supplementary Table SI. Comparative Genome Analysis of the three isolates, LB2, Y14 and Y18 of the *L. delbrueckii* subsp. *Bulgaricus* strain NDO2.

Supplementary Table SII. Subsystem Category Distribution of the probiotic *Lactobacillus delbrueckii* subsp. *Bulgaricus* strain NDO2, LB2 genome according to the SEED database

Supplementary Table SIII. Subsystem Category Distribution of the bacterial *Lactobacillus delbrueckii* subsp. *Bulgaricus* strain NDO2, Y14 genome according to the SEED database

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Supplementary Table SV. Classification of eggNOG annotation of the *Lactobacillus delbrueckii* subsp. *Bulgaricus* strain NDO2, LB2 genome sequence.

Supplementary Table SVI. Classification of the eggNOG annotation of *Lactobacillus delbrueckii* subsp. *Bulgaricus* strain NDO2, Y14 genome sequence.

Supplementary Table SVII. Classification of the eggNOG annotation of the *Lactobacillus delbrueckii* subsp. *Bulgaricus* strain NDO2, Y18 genome sequence.

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Supplementary Table SVIII. Classification of the KEGG pathways based on the assembled genome of *Lactobacillus delbrueckii* subsp. *Bulgaricus* strain NDO2, LB2 isolate.

Supplementary Table SIX. Classification of the KEGG pathways based on the assembled genome of *Lactobacillus delbrueckii* subsp. *Bulgaricus* strain NDO2, Y14 isolate.

Supplementary Table SX. Classification of the KEGG pathways based on the assembled genome of *Lactobacillus delbrueckii* subsp. *Bulgaricus* strain NDO2, Y18 isolates.