

Supplementary Materials: Synergic effect of adsorption and biodegradation enhance organic removal by immobilized *Bacillus velezensis* for slaughter wastewater

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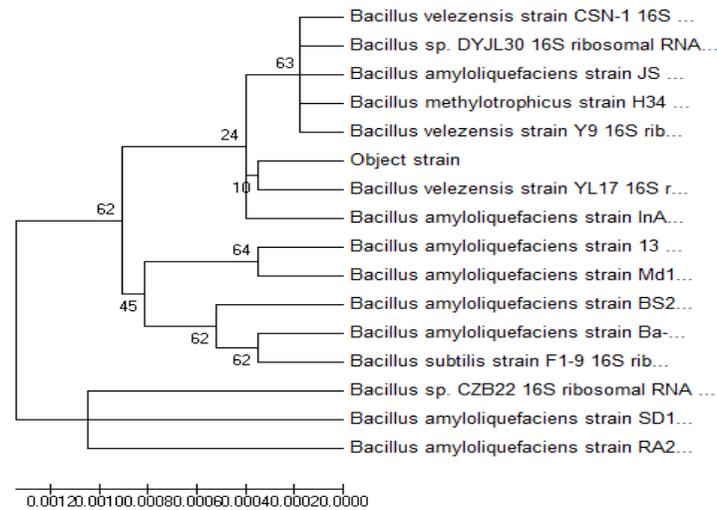


Fig. S1. Neighbor-joining phylogenetic tree constructed from 16S rDNA gene sequence

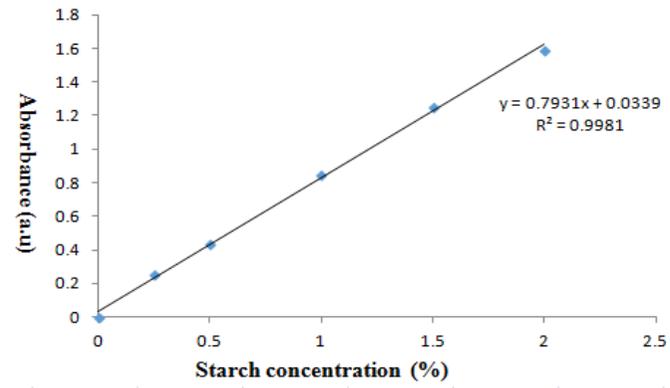


Fig. S2. Starch concentration standard curve.

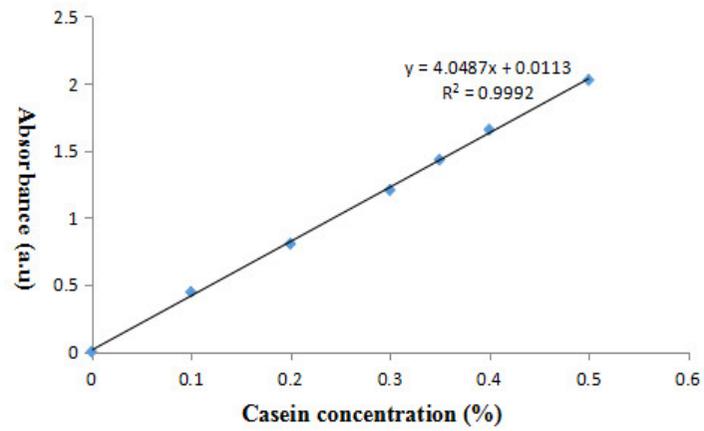


Fig. S3. Protein concentration standard curve.

Table S1.Effect of PVA concentration on microsphere molding

PVA concentration	Microspheres form
6 %	Uniform size, round, drying shrinkage after crosslinking
8 %	Uniform size, round, drying shrinkage after crosslinking
10 %	Uniform size, round, dry form after crosslinking intact
12 %	There are some smearing, irregular shape
14 %	Severe tailing, as the ball difficulty