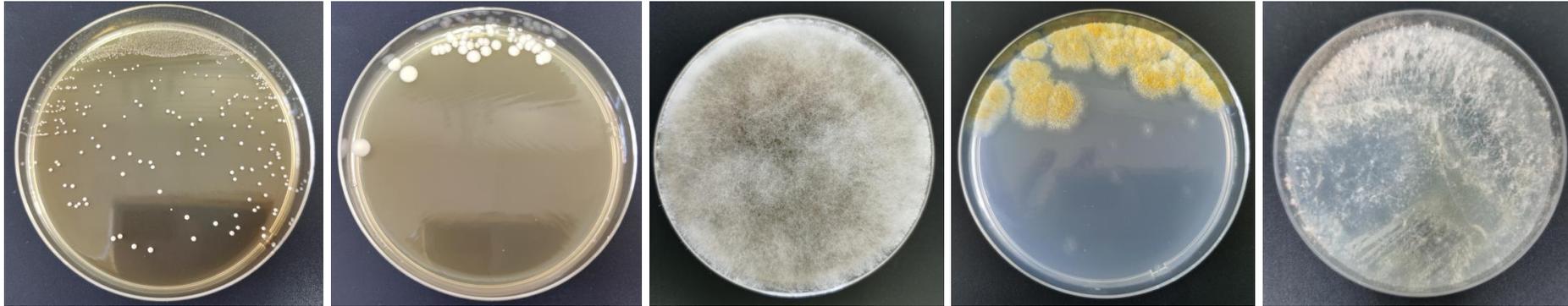


Supplementary



*L. plantarum*

*S. cerevisiae*

*R. oryzae*

*A. oryzae*

*N. sitophila*

Figure S1. The growth state of the five strains.

**Table S1. Criteria for sensory scoring.**

Primary Index	Assessment Indicator Secondary Index	Criteria	Range
<b>Smell (20 points)</b>	Purity	Delicate rice smell with strong unique fermented savory smell, no odor distribution	15~20
		Apparent rice smell with in-apparent unique fermented savory smell, no odor distribution	12~14
		Medium rice smell without unique fermented savory smell, with certain peculiar smell	7~11
		Obvious peculiar smell	0~6
<b>Appearance (20 points)</b>	Color (10 points)	Light yellow or white with bright color	7~10
		Light yellow with general luster	4~6
		Dark yellow and dark in color	0~3
	Degree of whiteness (10 points)	Large cracking with high whiteness	7~10
		Little cracking with slight whiteness	4~6
		No cracking without no whiteness	0~3
<b>Taste (20 points)</b>	Fragrance (10 points)	Strong fragrance without peculiar smell when chewing	9~10
		Faint fragrance without peculiar smell when chewing	6~8
		No fragrance and peculiar smell when chewing	4~6
		No fragrance with obvious peculiar smell when chewing	0~3
	Taste produced by fermentation (10 points)	Obvious nice and unique sour taste featured of fermentation when chewing, no strange taste	9~10
		Weak in unique sour taste featured of fermentation when chewing, no strange taste	6~8
		No obvious unique sour taste featured of fermentation when chewing, no uncomfortable taste	4~6
		No obvious unique sour taste featured of fermentation when chewing, with obvious uncomfortable taste	0~3
<b>Overall acceptability (30 points)</b>	Viscosity or stickiness (10 points)	Clingy but not sticky	8~10
		Less clingy but not stick to teeth	5~7
		Stick to teeth or without viscosity	0~4
	Elasticity or resilience (10 points)	Muscular and chewy	8~10
		Slight muscular and chewy	5~7
		No muscular and chewy	0~4
	Hardness (10 points)	Moderate in hardness and softness	8~10
Inclined to hard or soft		5~7	
Very hard or soft		0~4	
<b>Texture (10 points)</b>	Compactness and cohesiveness (10 points)	Fluffy, uniform dispersed, without agglomeration	7~10
		Less fluffy, slight agglomerate	4~6
		Easy to bond together	0~3