

Table S1. The composition of different nitrogen-sourced media.

Ingredient	Different nitrogen-sourced media					
	FN (g/L)	HN (g/L)	HN+Pep (g/L)	HN+dPep (g/L)	HN+Pro (g/L)	HN+dPro (g/L)
Peptone	10	5	5	5	5	5
Beef extract	10	2.5	2.5	2.5	2.5	2.5
Yeast extract	5	2	2	2	2	2
Pep	-	-	11.66	-	-	-
dPep	-	-	-	16.51	-	-
Pro	-	-	-	-	12.43	-
dPro	-	-	-	-	-	15.32
Glucose	5	5	5	5	5	5
Potassium dihydrogen phosphate	0.33	0.33	0.33	0.33	0.33	0.33
Dipotassium hydrogenphosphate	0.45	0.45	0.45	0.45	0.45	0.45
Ammonium chloride	1	1	1	1	1	1
Magnesium sulphate	0.1	0.1	0.1	0.1	0.1	0.1
L-Cysteine	0.5	0.5	0.5	0.5	0.5	0.5
Sodium sulfide	0.5	0.5	0.5	0.5	0.5	0.5
Resazurin	0.001	0.001	0.001	0.001	0.001	0.001

Pep, Soybean peptides; dPep, Digested soybean peptides; Pro, Soybean protein; dPro, Digested soybean protein; FN, MRS (DeMan, Rogosa, Sharpe) medium; HN, MRS medium without half nitrogen source; HN+Pep, HN supplemented Pep; HN+dPep, HN supplemented dPep; HN+Pro, HN supplemented Pro; HN+dPro, HN supplemented dPro.