

## Supplementary Material

### Supplementary Material 1:

**Table S1.** Amino acid composition of CGM and APH

Amino Acid #	CGM (g 100 g <sup>-1</sup> )	APH (g 100 g <sup>-1</sup> )
Asx	3.35	4.80
Thr	1.97	2.92
Ser	3.08	4.38
Glx	12.55	16.81
Gly	1.53	2.07
Ala	4.91	6.65
Cys	0.31	0.00
Val	2.36	2.66
Met	1.18	0.84
Ile	2.08	2.25
Leu	9.88	12.15
Tyr	2.99	4.15
Phe	3.52	4.43
Lys	0.92	1.11
His	1.18	1.48
Arg	1.80	2.09
Pro	8.03	10.31
THA*	31.24	39.29
TAA*	61.63	79.10

#Asx represents Asn and Asp; Glx represents Gln and Glu.

\*THA represents Total hydrophobic amino acid; TAA represents Total amino acid.