Table S2 Representative MS fragments of major compounds of SGC.

| Name | mz | Formula | KEGG | Type | Class |
|---|---|---|---|---|---|
| gamma-Aminobutyric acid | 104.1079 | $C_4H_9NO_2$ | C00334 | [M+H]+ | Carboxylic acids and derivatives |
| Adenosine | 268.1039 | $C_{10}H_{13}N_5O_4$ | C00212 | [M+H]+ | Purine nucleosides |
| Phytosphingosine | 318.2994 | $C_{18}H_{39}NO_3$ | C12144 | [M+H]+ | Organonitrogen compounds |
| Glycerophosphocholine | 258.1109 | $C_8H_{21}NO_6P$ | C00670 | [M]+ | Glycerophospholipids |
| Alanyl-Tyrosine | 253.1180 | $C_{12}H_{16}N_2O_4$ | NULL | [M+H]+ | Carboxylic acids and derivatives |
| L-Phenylalanine | 164.0705 | $C_9H_{11}NO_2$ | C00079 | [M-H]- | NULL |
| Niacinamide | 123.0559 | $C_6H_6N_2O$ | C00153 | [M+H]+ | Pyridines and derivatives |
| L-Threonine | 120.0658 | $C_4H_9NO_3$ | C00188 | [M+H]+ | Carboxylic acids and derivatives |
| L-Lysine | 147.0771 | $C_6H_{14}N_2O_2$ | C00047 | [M+H]+ | Carboxylic acids and derivatives |
| Pyrrole-2-carboxylic acid | 111.0206 | $C_5H_5NO_2$ | C05942 | [M]+ | Pyrroles |