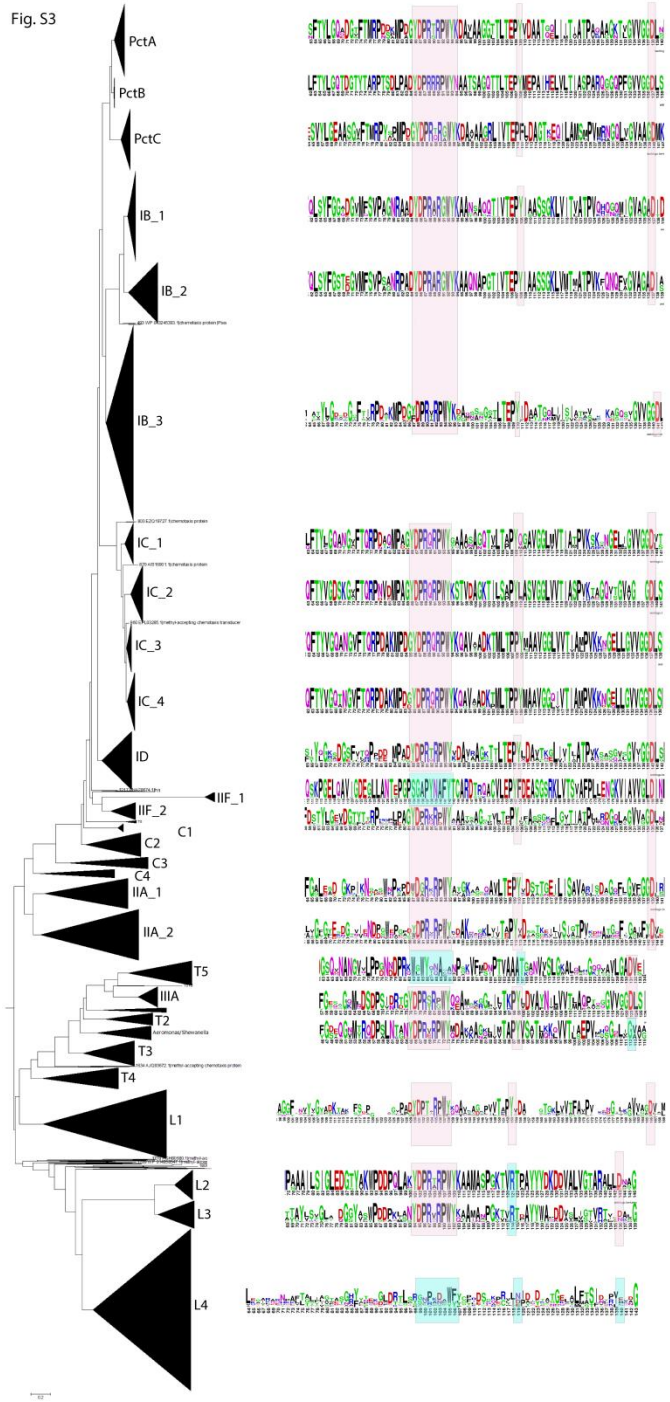
Fig. S3



I. PctA: Cys, Ile, Met, Arg, Thr, Gly, Ala, Phe, Asn, Ser, His, Tyr, Val, Lys, Leu, Pro, Glu, Trp.

I. PctB: Met, Arg, Ala, Tyr, Lys, Glu, Gln.

I. PctC: GABA, His, Pro.

II. CtaC: Cys, Met, Arg, Thr, Gly.

III. PscA: Asp, D-Asp, Glu.

II. CtaA: Cys, Met, Arg, Thr, Gly, Ala, Phe, Asn, Ser, His, Tyr, Ile, Val, Lys, Leu, Pro.
IV. McpG: GABA.

III. PscB: Gln, Asn, Met, Homo-Ser, Ala, Phe, Trp, Ser, Ile, Leu.

II. CtaB: Cys, Met, Arg, Thr, Gly, Ala, Phe, Asn, Ser, His, Tyr, Ile, Val, Lys, Gln, Glu.

V. McpN: uncharacterized.

III. PscC: Pro, GABA, Ile.

IV. McpH: purine and derivatives.
McpU (closest homolog, 86% ident.) and **I. TlpQ** (closest homolog, 66% ident.): putrescine, cadaverine, spermidine, agmatine, ethylenediamine, histamine.