Correction to: Comparative Gene Analysis Focused on Silica Cell Wall Formation: Identification of Diatom-Specific SET Domain Protein Methyltransferases

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[Original sentence on Page 560, Line 34–37] The present BacSET protein family might be a novel, diatom-specific family of methyltransferases that target unique substrates, such as cell wall formation-related proteins and LCPAs.

[Corrected] Among the present BacSET protein family involving BacSET1–7, this study clearly showed that six proteins (BacSET2–7) are a novel, diatom-specific family of methyltransferases that may target unique substrates, such as cell wall formation-related proteins and LCPAs. Further, BacSET1 identified in this study is identical to the protein

reported by Michael (2011) which firstly suggested the existence of SET domain proteins in the diatom genomes according to a homology search method.

Reference

Michael AJ (2011) Molecular machines encoded by bacterially-derived multi-domain gene fusions that potentially synthesize, *N*-methylate and transfer long chain polyamines in diatoms. *FEBS Lett* 585: 2627–2634

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