

GD-repeats (type I) (consensus)	GxANIxTKVGDGxTVAVMX V H
GD-repeats (type II) (consensus)	xVxxGxxNxVxxGDGxDx I I
GD-repeats (type III) present in Plu1910	FGSSVSLNAAGDCLAVG SSWDVCLDAAGDTLALG FGVNVSLNAAGDCLVAG FGWIAHLSATGNCLAVR MGRAFSLNAEGDRLAVG FGRVLELNDAGDCLVVG FGGSVGLNKAGTSLVVG
(consensus)	FGxxVxLDAAGDxLAVG N VL

Supplementary Figure 2 GD-repeats and their consensus sequences. Type I and type II repeats have previously been identified in the N- and C-terminal parts of RTX toxins, toxins, respectively¹. Type III repeats were identified in Plu1910 and in 8 paralogs. These proteins constitute a new family.

Reference

1. Lin, W. *et al.* Identification of a *Vibrio cholerae* RTX toxin gene cluster that is tightly linked to the cholera toxin prophage. *Proc. Natl. Acad. Sci. U S A* **96**, 1071-1076 (1999).