

Supplementary Table S2

The table shows that all the condensation domains from the *BIIRfg* cluster are highly scored by the ^DC_L type of C domains as compared to the other functional subtypes. The alignments for creating the HMM profiles are provided by Rausch *et. al* [1].

C Domain	^D C _L HMM		^L C _L HMM		Starter HMM		Dual HMM	
	Evalue	Score	Evalue	Score	Evalue	Score	Evalue	Score
C₁	2.1e-29	91.6	5.8e-27	83.7	3e-11	32.0	6.5e-18	53.9
C₂	1.4e-40	128.4	4.6e-17	51.1	1.3e-12	36.5	6.3e-19	57.2
C₃	5.2e-39	123.2	7e-18	53.7	1.7e-11	32.8	2.1e-16	48.9
C₄	3.4e-41	130.4	1.2e-15	46.3	2.1e-13	39.1	3.7e-20	61.3
C₅	9.2e-41	129.0	1.7e-17	52.5	2.1e-10	29.2	1.6e-17	52.6
C₆	1.8e-39	124.7	7.9e-15	43.7	9.4e-11	30.3	2e-16	49.0
C₇	7.1e-47	149.1	7.1e-29	90.0	2.1e-14	42.3	3e-24	74.7
C₈	2.3e-43	137.6	5.7e-25	77.1	1.5e-13	39.5	3.2e-23	71.3
C_T	2.9e-24	74.7	1.6e-13	39.4	4.1e-08	21.6	1.2e-07	20.0

Reference

1. Rausch C, Hoof I, Weber T, Wohlleben W, Huson DH: **Phylogenetic analysis of condensation domains in NRPS sheds light on their functional evolution.** *BMC Evol Biol* 2007, **7**:78.