SUPPORTING INFORMATION

Staurosporine & Rebeccamycin Aglycones are Assembled by the Oxidative Action of StaP, StaC and RebC on Chromopyrrolic Acid

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Sequences of *staC* and *staP* from *Streptomyces longisporoflavus* (DSM 10189)

Disparities between the isolated sequences of *staC* and *staP* and the published sequences[23] are highlighted as follows:
Base differences are highlighted in bold; bases in published sequence but not in observed sequence are in bold and struck out; sequence regions of uncertainty are in italics.

Corrected *staP* sequence (GenBank Accession Number DQ861904)
*ATG*CCATCCGCGACGCTGCCGCGGTTCGACCTCATGGGCTGGGACAAGGAGG
ACATCGCCCACCCCTACCCGGTCTACCGGCGCTACCGGGAGGCCGCCCCGGT
CCATCGCACGGCGGCGGGCCCCGGAAAGCCTGACACCTACTACGTGTTCACC
TACGACGACGTGGTCCGCGTCCTGTCCAACCGGCGGTTCGGCCGCAACGCCC
GCGTGGCCTCCGGCGACACCGGCCCCGACACCGCGCCCGTCCCGATCCCGGC
CGAGCACCGCGCCCTGCGGACCGTCGTCGAGAACTGGCTGGTCTTCCTCGAC
CCCCCGCGCCACACCGAACTGCGCTCCCTGCTCACCGGCGAGTTCTCACCCTC
GATCGTCACCGGCCTGCGCCCCCGCATCGCCGAACTCGCGAGCGAACTCCTG
GACCGGCTCCGAGCACACCGCCGGCCCGATCTCGTCGAGGG**C**TTCGCGGCGC
CCCTCCC~~C~~GATCCTCGTCATCTCCGCACTGCTGGGCATCCCC~~C~~GCGGAGGACC
ACACCTGGCTGCGCGCCAACGCGGTGGCCCTTCAGGAGGCCGGCACCAC**CC**G
CTCGCGCGGCGGCCACGG**C**TACGCACGGGCCGAGGCGGCGTCCCAGGAGTTC
ACCCGCTACTTCCGGCGAGAGGTGGACCGGCGCGGCGGCGACGACCGCGAC
GATCTGCTCACCCTCCTCGTCCGCGCCCGGGACACCGGATCACCGCTCAGCGT
GGACGGCATCGTCGGCACCTGCGTCCATCTGCTCACCGCCGGCCACGAGACC
ACCACCAACT**T**CCTCGCCA**A**GGCGGTCCTCACCCTGCGCGCCCACCCTGACG
TCCTCGACGAGCTGCGCACCACACCGGAGTCGACACCGGCGGCCGTCGAAGA
GCTGATGCGGTACGACCCGCCCGTGCAGGCGGTGACGCGCTGGGCGTACGAG
GACATCCGGCTCGGCGACCACGACATCCCGCGCGGCAGCCGGGTGGTCGCGC
TGCTGGGCTCGGCGAACCGGGACCCGGCGCGCTTCCCGGCTCCCGACGTGCT
GGACGTCCACCGCGCCGCCGAACGGCAGGTGGGCTTCGGCCTCGGAATCCAC
TACTGCCTCGGCGCGACCCTGGCCCGCGCCGAGGCCGAGATCGGTCTGAGGG
CCCTGCTGGACGGCATCCCCGCCCTCGGCCGAGGCGCCCACGAGGTCGAGTA
CGCCGACGACATGGTCTTCCACGGCCCGA**C**GCGGCTCCTCCTCGACCTGCCG
GA**C**GCCACGT**G**CCCCTCGGCCAGCCACCCC*TGA*

Corrected *staC* sequence (GenBank Accession Number DQ861905)
*ATG*ACGCATTCCGGTGAGCGGACCGATGTGCTGATCGTGGGCGGCGGCCCGG
TCGGGATGGCGCTGGCGCTGGATCTGAGGTACCGGGGCATCGACTGTCTGGT
CGTCGACGCCGGTGACGGCACGGTCCGGCACCCCAAGGTCAGCACCATCGGT
CCCCGCTCGATGGAACTCTTCCGCCGCTGGGGCGCCGCGGACGCGATCCGGA
ACGCCGGCTGGCCCGCCGACCATCCCCTGGACATCGCCTGGGTGACCAAGGT
CGGCGGCCACGA~~A~~GATC**T**ACCGCTACCGGCGAGGCACGGCCGCGAACCGCC
CGGCCTTCGTCCATACCCCCGAGCCCGATCAGATCTGCCCCGCCCACTGGCTC
AACCCGGTGCTGATCGAGGCCGTGGGCGTCCACCCGGACGGCCCCCTGCTAC
TGAGTACGACCGTCGACGGCGTGGTCCAGACCGACGACCACGTCGAGGCCAC
CCTCACCGACCACGCCACCGGCACCACCGGCACCGTCCGGGCACGCTTCCTC
GTCGCCTGTGACGGCGCCTCCTCGCCCGTCCGCCGG**GC**CTGCGGCATCGAGG
CACCGGCCCGCCACCGTACGCAGGTCTTCCGCAACATCCTCTTCCGCGCCCCC
GAGCTCAAGGACCGCCTGGGCGAGCGGGCCGCCCTGGTCCACTTCCTGATGC
TGTCGTCCAC**GC**TGCGCTTCCCCCTGCGCTCGCTGAACGGCAGCGACCTGTAC
AACCTGGTCGTGGGCGCCGACGACGACACCGGCGCCCGACCCGACG~~T~~CCCTG
GCCCTG~~CAGTGAT~~CAAGGACGCCCTGGCCCTCGACACCCCGGTGGAGCTGCT
CGGCGACAGCGCGTGGCGTCTCACCCACCGTGTCGCCGACCGCTACCGGGCC
GGACGGATCTTCCTCGCCGGCGACGCCGCGCACACCCTGTCGCCCTCCGGCG
GCTTCGGCCTCAACACCGGTATCGGCGACGCCGCCGATCTCGGCTGGAAGCT
CGCCGCCACCCTGGACGGCTGGGCCGGGCGGCACCTCCTCGACACCTACGAC
AGCGAGCGTCGACCGATCGCCGAGGAGAGCCTGAACGAGGCCCACGACAAT
CTTCGGCGCACCATGAAACGGGAGGTCCCGCCGGAGATCCACCTCGACGGAC
CCGAGGGCGAGCGGGCCCGCGCCGTGATGGCCAGGCGCCTCGAGAACAGCG
GCGCGCGGCGGGAGTTCGACGCCCCGCAGATCCACTTCGGACTGCGCTACCG
CTCCTCGGCGATCGTCGACGACCCCGACGTACCGGTCCGCCAGGGGCAGCCG
GACGCCGATTGGCGGCCCGGCAGCGAGCCCGGGTACCGCGCCGCGCACGCCT
GGTGGGACTCCACGACCTCCACGCTCGACCTCTTCGGCCGCGGCTTCGTCCTG
CTCCGCTTCGCGGACCACGACGGCCTCCCGGCGATCGAGCGCGCGTTCGCCG
AGCGGGGCGTACCCCTGACCGTGCACCAGGGACACGACACGGAGAT**T**GCCA
AGCTGTACGCACGCTCCTTCGTCCTGGTCCGCCCCGACGGTCATGTCGCCTGG
CGCGGCGACGACCTGCCCGGCGACCCGACGGCCCTGGTCGACACGGTGCGGG
GTGAGGCCGCGCCCCGTGAGCCGCGGGGC*TGA*

Complete Reference 20:

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