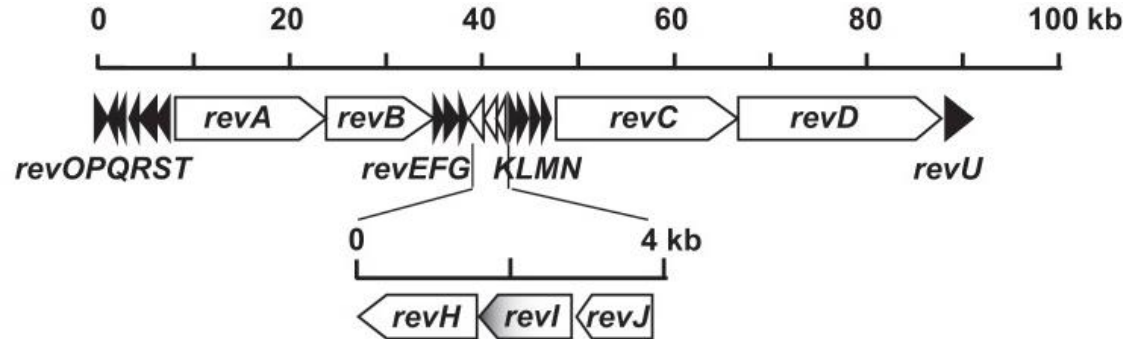
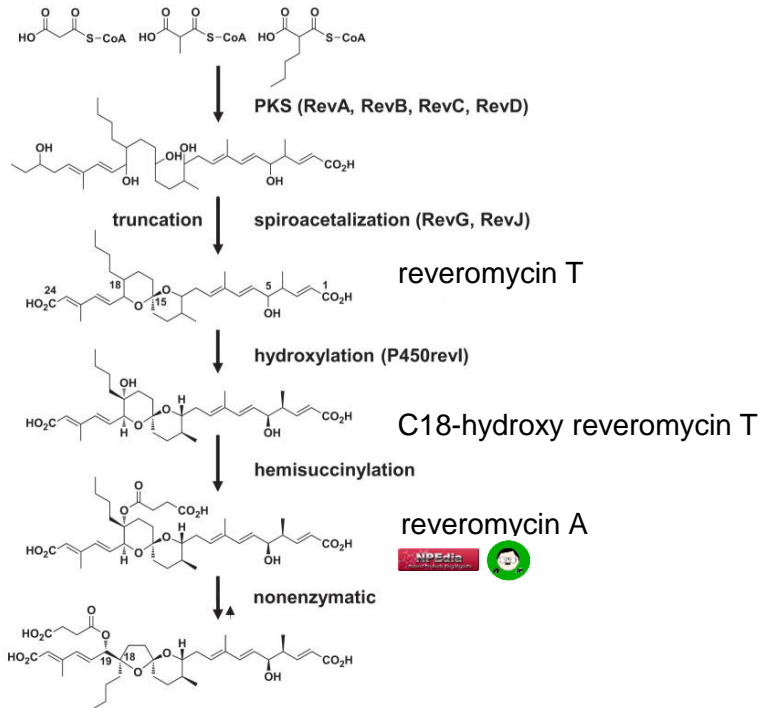


Gene cluster



Biosynthetic pathway



Producer

[Streptomyces](#)
[reveromyceticus](#)
[SN-593](#)

References

Nogawa T, Takahashi S, Sekiyama Y, Takagi H, Uramoto M, Koshino H, Kawatani M, Shimizu T, Osada H. *J Antibiot*, **66**(4): 247-250 (2013) PMID: [23232929](#) [doi: [10.1038/ja.2012.115](#)]

Takahashi S, Nagano S, Nogawa T, Kanoh N, Uramoto M, Kawatani M, Shimizu T, Miyazawa T, Shiro Y, Osada H. *J Biol Chem*, **289**(47): 32446-32458 (2014) PMID: [25258320](#) [doi: [10.1074/jbc.M114.598391](#)]