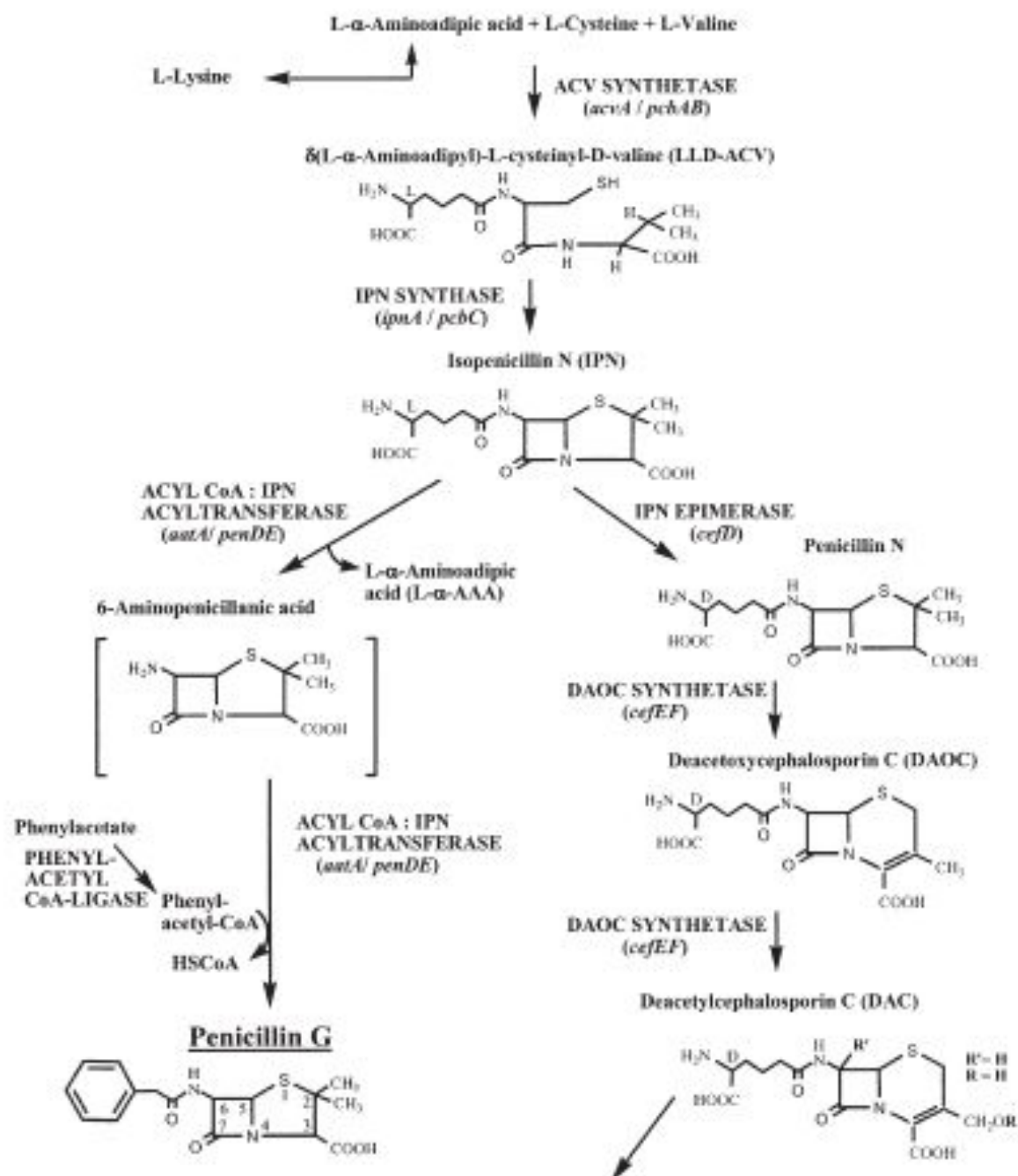


Regulation of Penicillin Biosynthesis



Beta-Lactum gene clusters

Penicillin gene cluster *Penicillium chrysogenum*



Cephalosporin gene cluster *Acremonium chrysogenum*



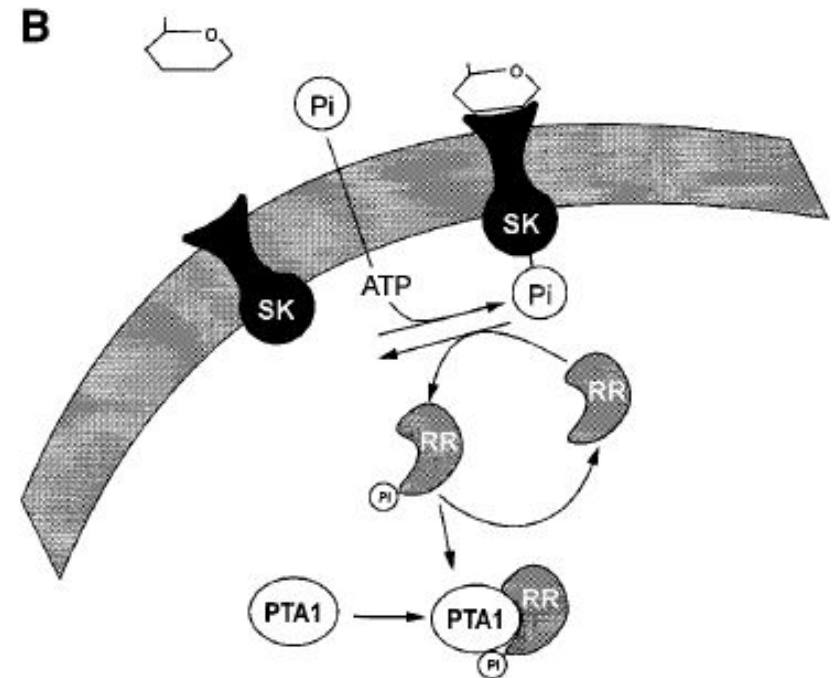
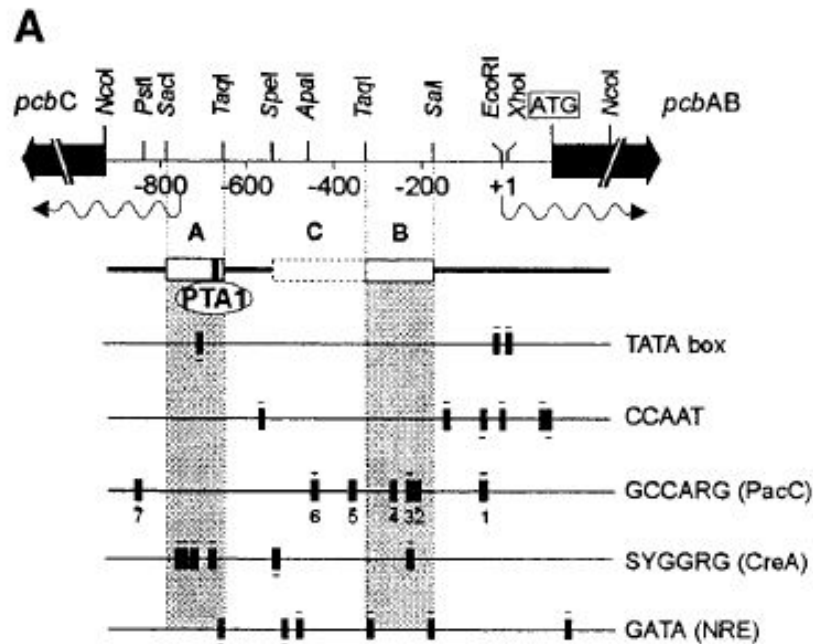
Cephalomycin C gene cluster *Streptomyces clavuligerus*



Cephalomycin C gene cluster *Nocardia Lactamdurans*



Regulation of Penicillin Biosynthesis



Regulation of Penicillin Biosynthesis

