

S40-4 Engineered biosynthesis of medicinal natural products

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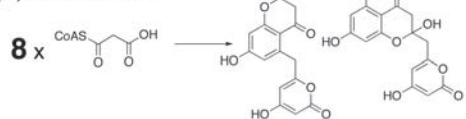
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Structure-based engineering of plant-specific novel type III polyketide synthase superfamily enzymes from *Aloe arborescens* will be discussed.

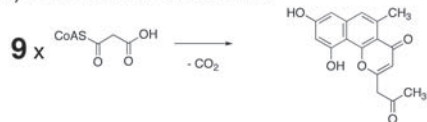
(A) PCS WT



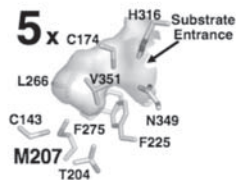
(B) PCS M207G



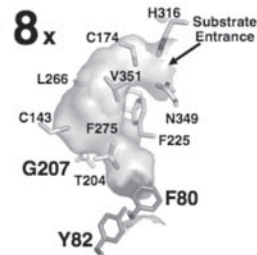
(C) PCS F80A/Y82A/M207G



(A) PCS WT



(B) PCS M207G



(C) PCS F80A/Y82A/M207G

