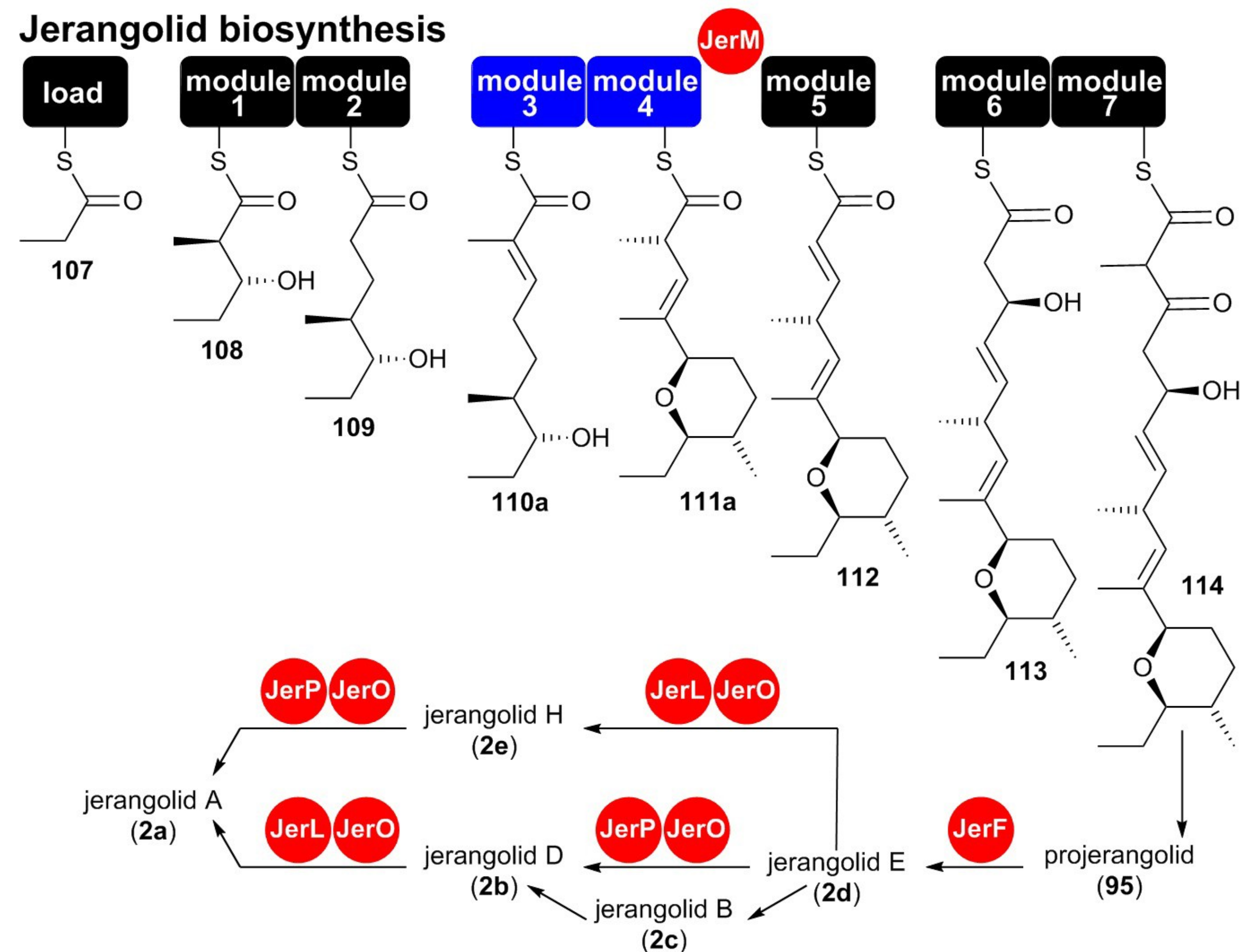
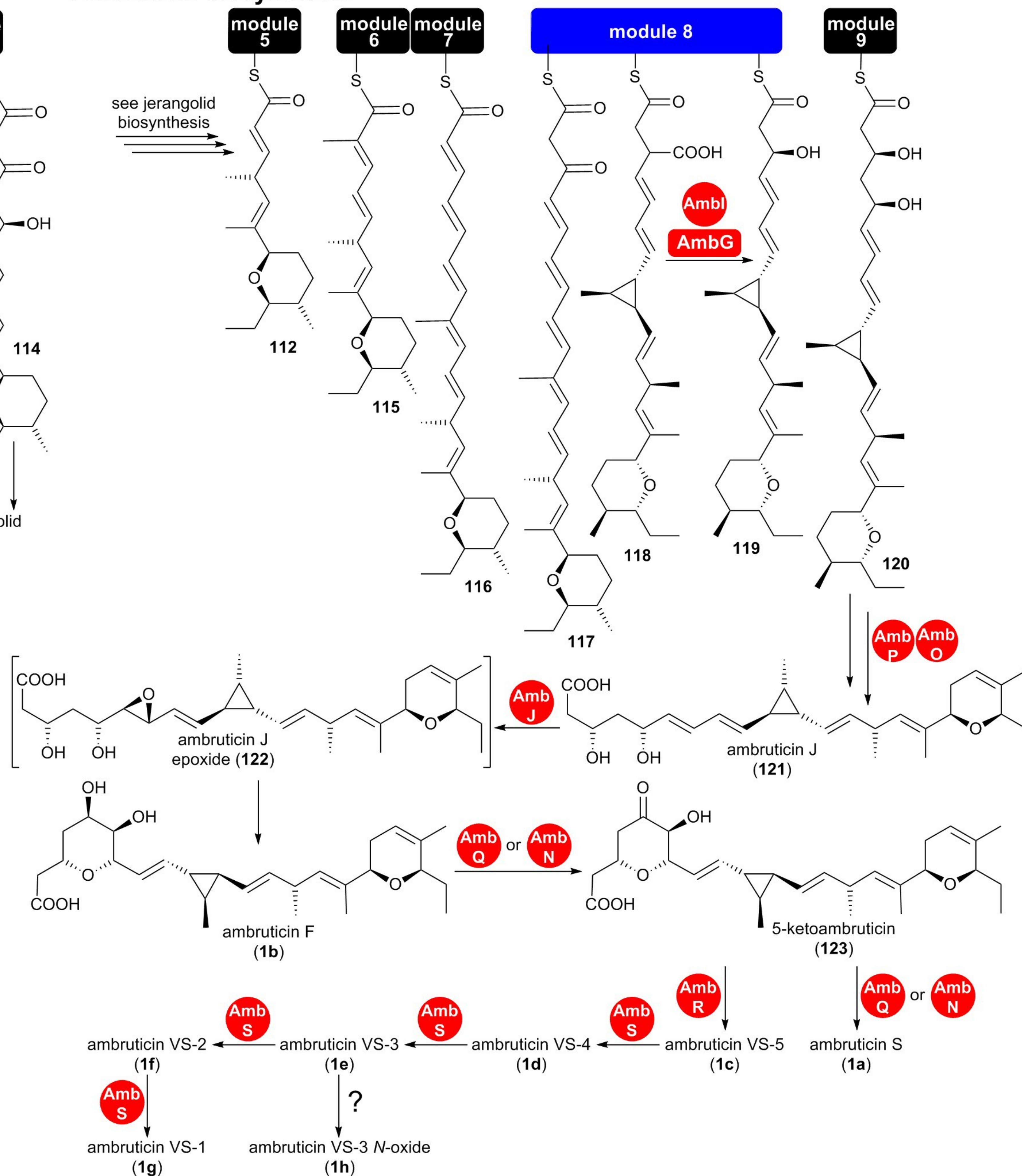


Jerangolid biosynthesis



Ambruticin biosynthesis



Annotations:

JerM, AmbM: C-methyltransferase
JerF: O-methyltransferase
JerL, JerP, AmbP: Rieske FeS cluster protein
JerO, AmbO, AmbI, AmbJ: flavin-dependent monooxygenase
AmbG: A-T didomain
AmbN: aldehyde dehydrogenase
AmbQ: desaturase
AmbR: aminotransferase
AmbS: N-methyltransferase

Knocked out genes:

ambS, ambN, ambO, ambP, ambM, ambQ, ambR, ambJ