



Supplementary Figure S4: The proposed elementary reaction model for the Carotenoid biosynthesis pathway. CM1 to CM14 indicates the intermediate enzyme-metabolite complexes. IPP, isopentenyl diphosphate; DMAPP, dimethylallyl diphosphate; GPP, geranyl diphosphate; FPP, farnesyl diphosphate; GGPP, geranyl geranyl diphosphate. Cofactors are omitted.