Supplementary data 5. Evolution of new functions with cis-trans conversions. (A) The structure of Beta Keto Acyl ACP Synthase III (yellow) (Qiu et al. 2001) bound to Coenzyme A (coA). The location of the cis peptide (GF) is highlighted. (B) A similar fold 3-hydroxy-3-methylglutaryl-CoA (HMG-CoA) synthase (green) (Theisen et al. 2004), bound to CoA.

