## A Pre-proopiomelanocortin Signal peptide γ-MSH α-MSH γ-LPH **B-END** Pre-propeptide Proopiomelanocortin (POMC) γ-MSH α-MSH γ-LPH **B-END** Propeptide **ACTH** β-lipoprotein (β-LPH) α-MSH γ-LPH β-END Active peptides γ-melanocyte α-melanocyte stimulating stimulating γ-lipotropin **β**-endorphin hormone hormone γ-LPH γ-MSH α-MSH B-END Active peptides β-melanocyte stimulating α-endorphin hormone B-MSH α-END Active peptides B Pre-proenkephalin A Signal peptide MM M Pre-propeptide Proenkephalin A M Propeptide Leu-enkephalin L M M Active peptides M Met-enkephalin Met-enkephalin Met-enkephalin C Pre-prodynorphin Signal peptide DvnA DvnB Pre-propeptide

