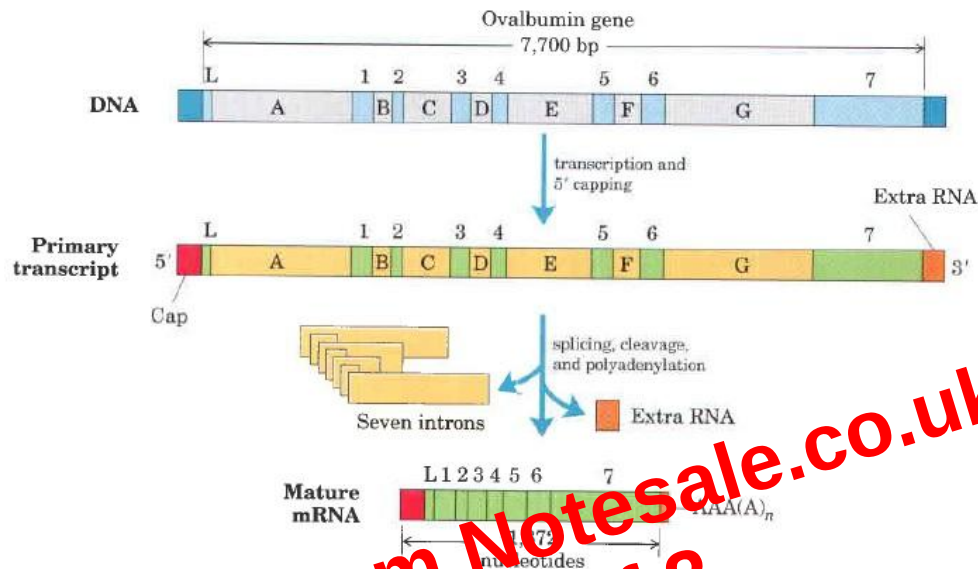


3' Tailing

synthesize a poly (A)tail 80 to 250 nucleotides long, beginning at the cleavage site.

Overview of the processing of the mRNA



In some cases the polypeptide-coding region of the mRNA is also modified by RNA "editing". This editing includes processes that add or delete bases in the coding regions of primary transcripts or that change the sequence (By for example enzymatic deamination of a C residue to create a U residue). A particularly dramatic example occurs in trypanosomes, which are parasitic protozoa : large regions of an mRNA are synthesized without any uridylate, and the U residues are inserted later by RNA editing.