

Regulatory sequence elements

| | Where is it? | Characteristics of the sequence | Which transcription factors bind there? | What is the effect when activators bind to it? |
|--------------------|--------------|---------------------------------|---|---|
| Core promoter | | | | |
| Proximal promoters | | | | |
| Enhancers | | | | |

Proteins

| | | Where does it bind? | What proteins does it interact with? | Effects on transcription: |
|-----------------------|------------------------------|---------------------|--------------------------------------|---------------------------|
| Transcription factors | Pre-initiation complex (PIC) | | | |
| | Activator | | | |
| | Repressor | | | |
| | Mediator or co-activator | | | |