

Human DNA Explained

Original text: **Gene Expression by Recruiting Like-minded Proteins**

Multi-protein assemblages known as enhanceosomes govern gene expression by local committee thus dictating regional transcription factor function. Local DNA architecture can prescribe enhancesome membership. The local bending of the double helix, typically mediated by architectural transcription factors, is often critical for stabilizing enhanceosomes formed from trans-acting proteins separated over small and large distances. The recognition element to which a transcription factor binds is of functional significance because DNA may act as an allosteric ligand influencing the conformation and thus the activity of the transactivation domain of the binding protein, as well as the recruitment of other proteins to the enhanceosome.

Humanistic Translation

Successful human interaction requires group membership. Social architectures are flexible enough to accept a wide spectrum of recruits while being restrained from extreme bending of the rules even as relationships, by their nature, freely propagate without much internal control. The element that secures human relationships is Life itself. And that cannot be avoided.