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Galleries and Expanded Features of the NDB Atlas. Jasmin Yang, Joanna de la Cruz, Gregory Donahue, Zukang Feng, Bohdan Schneider, John Westbrook, Christine Zardecki, Helen M. Berman. NDB, Dept. of Chemistry and Chemical Biology, Rutgers, The State Univ. of New Jersey, 610 Taylor Road, Piscataway, NJ 08854 USA.

The Nucleic Acid Database (NDB) Atlas provides images and summary information images for nucleic acid-containing structures determined by X-ray crystallography and NMR. Data are available for coordinate files, experimental data, and XML files. Links are provided to each corresponding PDB Structure Explorer page and PubMed entry.

NDB Atlas pages for protein-oligonucleotide complexes can now be browsed by CATH, SCOP, or Gene Ontology (GO) classifications.

Galleries are available for each sorting classification using two subsets of structures: protein-DNA complexes and protein-RNA complexes. For each gallery, there is a tree-like indexing system for navigation. For the CATH and SCOP galleries, browse through hierarchical links describing the classification. For the GO galleries, users search the atlas using GO identifiers.

Additionally, the Gallery Search Tool can be used to search the atlas by PDB or NDB ID. This tool will return a list of the galleries in which the structure appears.

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