

Resource Summary Report

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Alu Pairs Database

RRID:SCR_013353

Type: Tool

Proper Citation

Alu Pairs Database (RRID:SCR_013353)

Resource Information

URL: <http://www.niehs.nih.gov/research/resources/databases/alu/index.cfm>

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Description: On line database of alu pairs. This map file is a subfile of rebase (Genetic Information Research Institute(GIRI)), derived by comparing genomic sequences in the GenBank database (release 112.0, National center for Biotechnology Information, National Library of Medicine, National Institutes of Health, Bethesda, MD) with the Alu consensus sequence, was made in April 1999 and is maintained at the GIRI, Sunnyvale, CA). The Alu map includes the following information in columnar form: locus, beginning sequence position, ending sequence position, fragment start relative to repeat consensus, type of Alu sequence, the fragment start relative to repeat consensus, the fragment end relative to repeat consensus, the orientation of the sequence (D, denoting direct, versus C, denoting complementary), the percent similarity to the Alu consensus sequence, the ratio of mismatches to matches, and the alignment score. The database is available for download. An Alu element is a short stretch of DNA originally characterized by the action of the Alu (*Arthrobacter luteus*) restriction endonuclease. Alu elements of different kinds occur in large numbers in primate genomes. In fact, Alu elements are the most abundant Transposable elements in the human genome. They are derived from the small cytoplasmic 7SL RNA, a component of the signal recognition particle. The event, when a copy of the 7SL RNA became a precursor of the Alu elements, took place in the genome of an ancestor of Supraprimates. (from Wikipedia).

Resource Type: data or information resource, database

Resource Name: Alu Pairs Database

Resource ID: SCR_013353

Alternate IDs: nlx_49103

Record Creation Time: 20220129T080315+0000

Record Last Update: 20260919T195730+0000

Ratings and Alerts

No rating or validation information has been found for Alu Pairs Database.

No alerts have been found for Alu Pairs Database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.