

## عنوان مقاله:

Noncoding sequences revealed by different plant species comparisons

## محل انتشار:

اولین همایش بین المللی زیست شناسی و علوم زمین (سال: 1397)

تعداد صفحات اصل مقاله: 5

## نویسنده:

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## خلاصه مقاله:

Gene families often show degrees of differences in terms of exon-intron structures depending on their distinct evolutionary histories. Comparative analysis of gene structures is important for understanding their evolutionary and functional relationships within plant species. Here, we present a comparative genomics database NCBI for every plant, just non-coding Comparison and also evolution studies. The database contains all the annotated genes extracted from plant genomes. These genes were classified based on nucleotide. Examined all regions, between the different genes (non-coding) For 5 plants Around the AREB genes, the gene structure evolution of orthologous gene groups was determined using the NCBI Blast, BioEdit and Mega v.5 software programs that can be accessed within the database. Blast part in NCBI and Mega software programs drawing schematic diagrams of gene structures. Also is a powerful tool for comparing gene sequences and provides valuable insights into the evolution of gene structure in .plant genomes

## کلمات کلیدی:

Non-Coding sequence, Sequence comparison, Gene families

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/903353>

