



**RESEARCH ARTICLE**

## **Genomic Signal Processing (GSP) Of Rheumatic Arthritis (RA) Using Different Indicator Sequences**

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***Abstract— DSP tools have been applied more prominently in the field of genomic signal processing for the prediction of genes in DNA sequences. By using a different indicator mapping and Fourier spectral characteristics, the method involves in the detection of period-3 periodicity of exons. In this paper we provide the experimental results in finding the gene using different indicator sequences by boosting the coding regions and suppressing the non-coding regions with application of fft.***

***Key Terms: - DNA; Rheumatic arthritis [RA]; Indicator sequences; Period-3 periodicity; Genomic signal processing [GSP] Technique***

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