## DNA Methylation Using Java based Image J + BiQ Analyzer + JI Prolog + JikesRVM - A Useful R&D Approach.

[ Exploring Advanced Bio-informatics + AI for Non-Profit R&D ]

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## [I] Simple Idea to Design Develop and Test Java based Bio-informatics Framework:

https://big-analyzer.bioinf.mpi-inf.mpg.de/tools/MethylationDiagrams/index.php

BiQ Analyzer is a software tool for easy visualization and quality control of DNA methylation data from bisulfite sequencing.

https://imagej.nih.gov/ij/plugins/jar-demo.html#:~:text

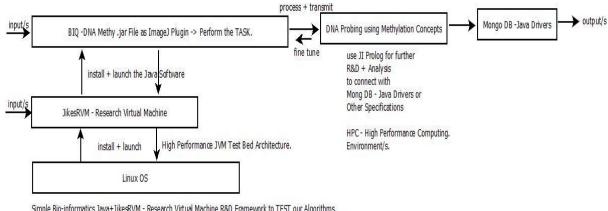
https://imagej.net/Plugins - Useful Stuff.

https://imagej.net/Installing 3rd party plugins

http://www.jiprolog.com

Approximate Advanced Bio-informatics R&D Framework -> To Probe DNA Methylation.

Image J + BIQ as ImageJ Plug-in(Third Party Plug-in) +JI Prolog + JikesRVM -> Rapid Prototyping of our Algorithms.



Simple Bio-informatics Java+JikesRVM - Research Virtual Machine R&D Framework to TEST our Algorithms.

Testing in Progress.

Please read some of our publications on Vixra.org.

Thanks for understanding - Dr.Nirmal.

This is one of the Pioneering R&D Efforts in this highly challenging Bio-informatics Domain.

[ Figure I – Algorithm I – Bioinformatics R&D Framework ]

[II] Acknowledgement/s: Special + Sincere Thanks to all my Mentors + Friends + Collaborators.

[THE END]