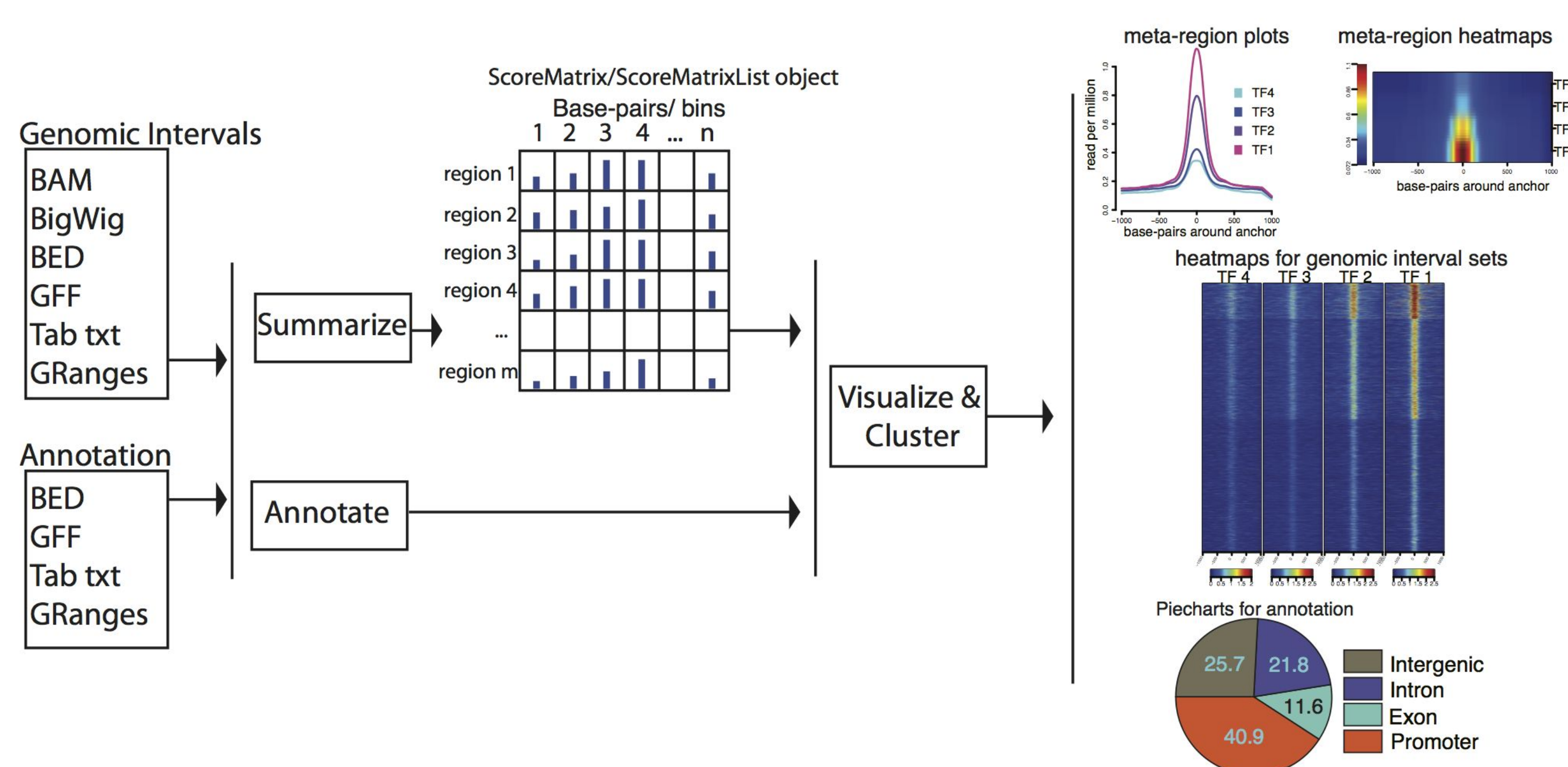


deNBI-epi: deNBI epigenomics unit BIMSB The Berlin Institute for Medical Systems Biology

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Short description of the project

We offer **tools**, **services** and **training** for the epigenomics data analysis.



Progress report

Tasks performed up to October 2016

methylKit new features:

- New statistical tests
- Segmentation of methylomes
- New flat-file data structures for large datasets

Genomation new features:

- New annotation functions for data integration

Publications

Methylkit - Akalin et al. 2012. Genome Biology
Genomation – Akalin, Franke, et al. 2015.
Bioinformatics

de.NBI services

methylKit is a toolbox for analyzing methylation and hydroxymethylation profiles from BS-seq

Genomation is an R package that expedites genomic interval summary and annotation
Segmentation of genomics profiles – Unsupervised machine-learning methods for identification of genomic landmarks

de. NBI training and education

Yearly computational genomics course in Berlin
90 applicants for 20 seats

Offering weekly bioinformatics consultations at MDC

