

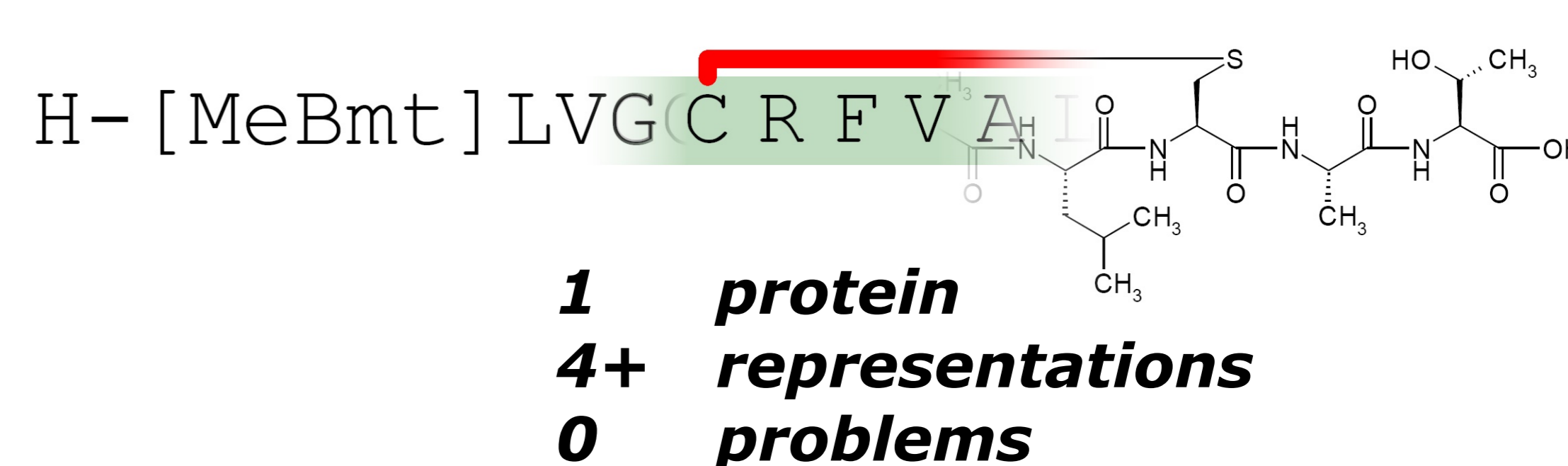
biochemfusion

- Enabling biochemformatics

Proteax® – protein variants made easy

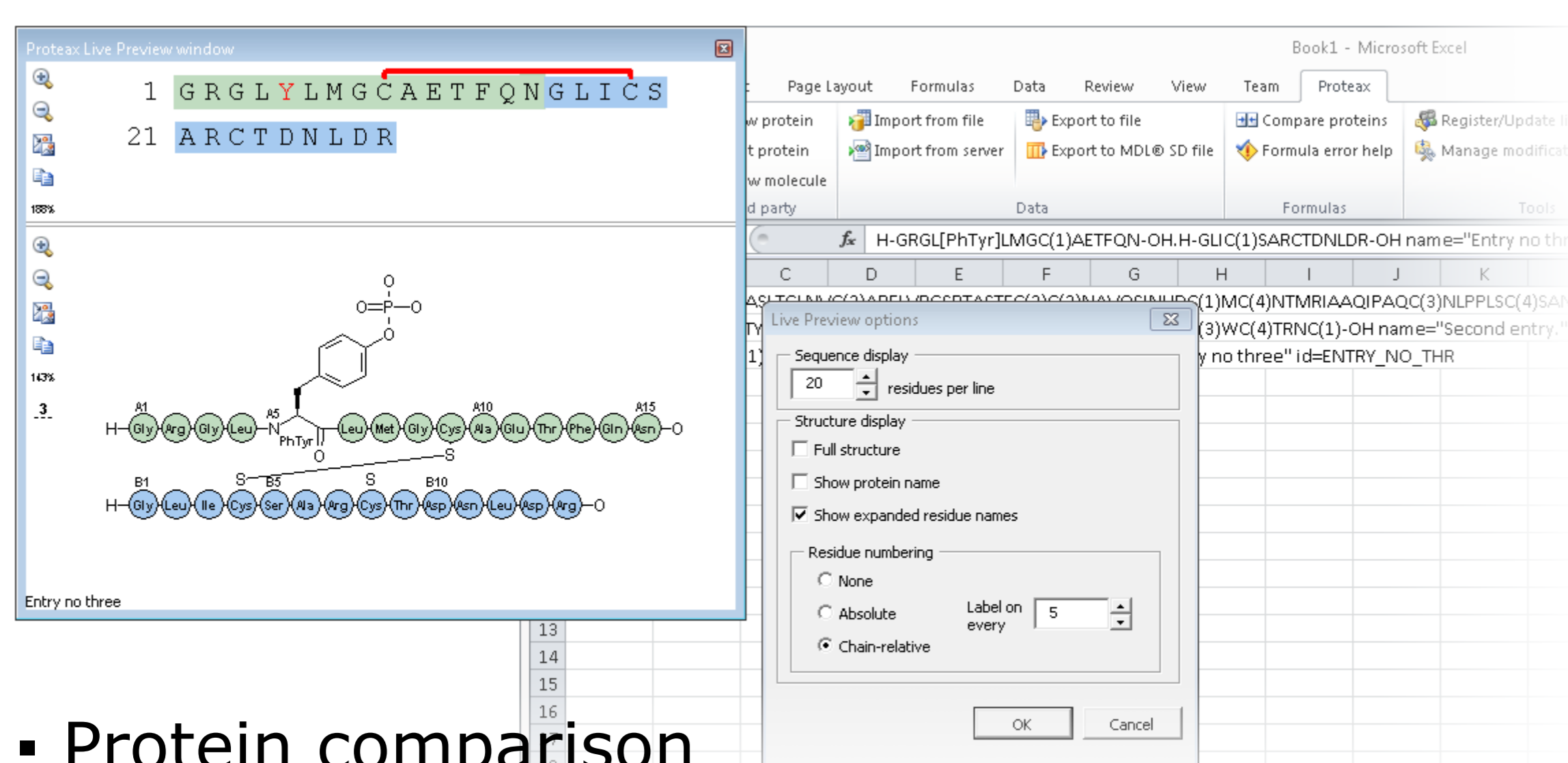
Biochemfusion's **Proteax** makes it easy to handle modified proteins and protein derivatives.

Use Proteax with Microsoft® Excel®, Oracle® and PostgreSQL® databases, or KNIME™ to register and analyse your protein structures.



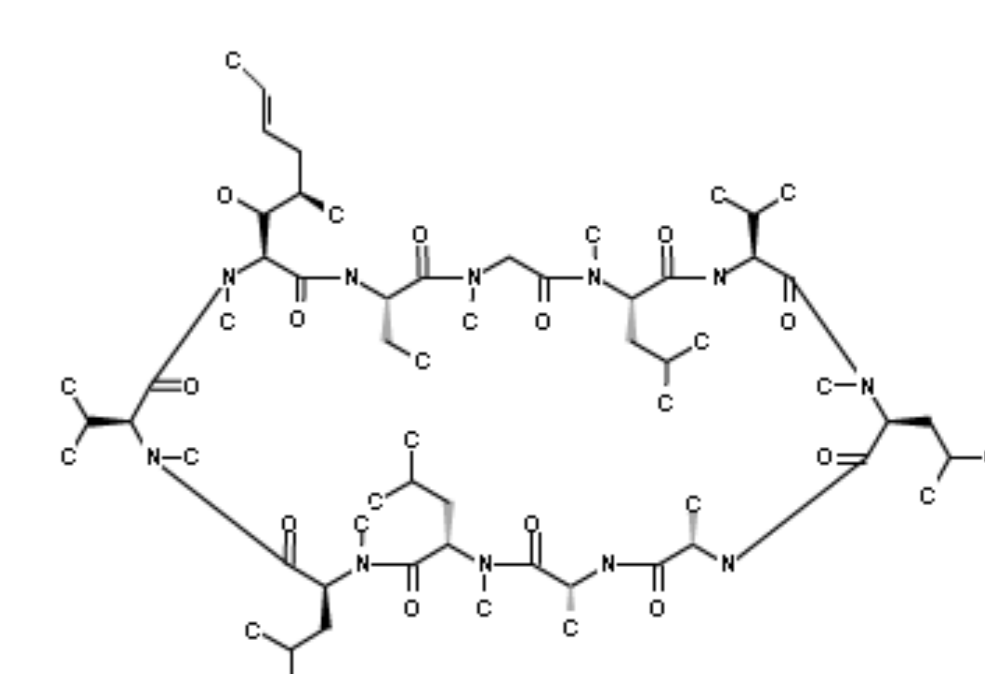
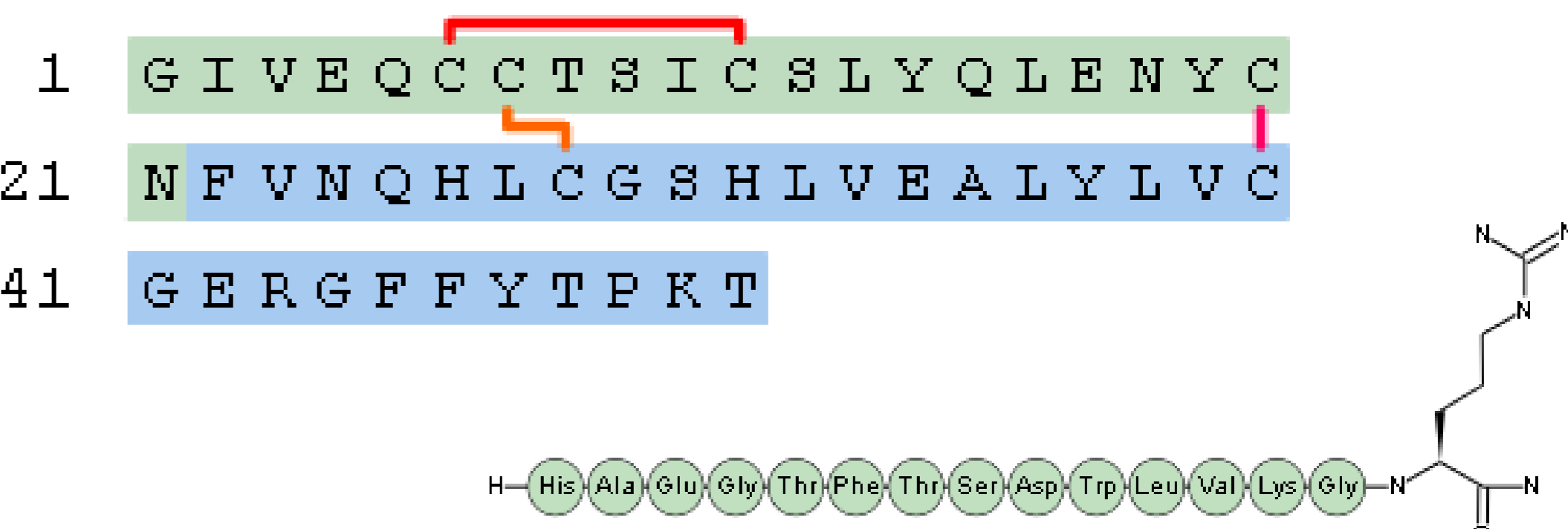
Proteax for Spreadsheets

Proteins in Microsoft Excel / OpenOffice.org® Calc.



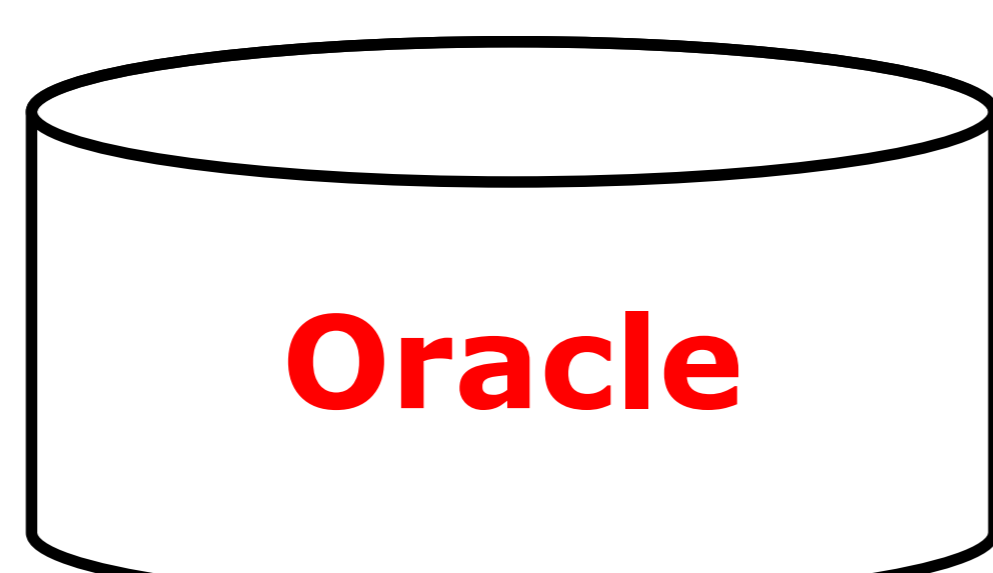
- Protein comparison
- Derivatives generation
- Data link to JChem for Excel
- Sequence to structure

Java® applet, Flash®-based, JavaScript™, .NET, and Pascal sequence and molecule visualizers.



Proteax®

Protein chemistry toolkit

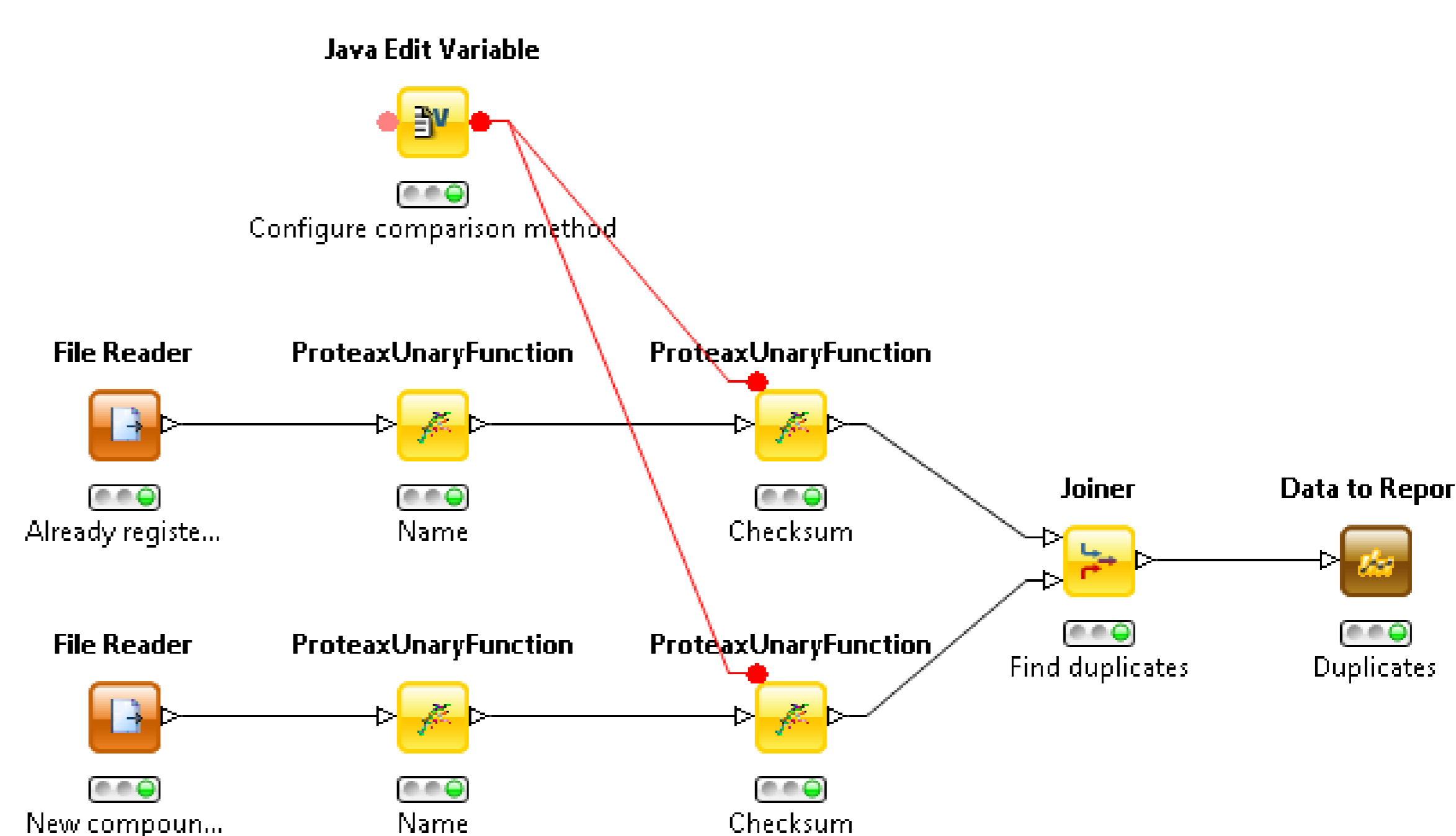


```
select * from compounds  
where proteax.mw_avg(protein_text) > 5000;
```

Proteax Cartridge

Database registration and querying.

- Native SQL extensions
- Sequence and structural identity checks
- Protein comparison and editing
- Protein format transforms
- Sequence to structure capability

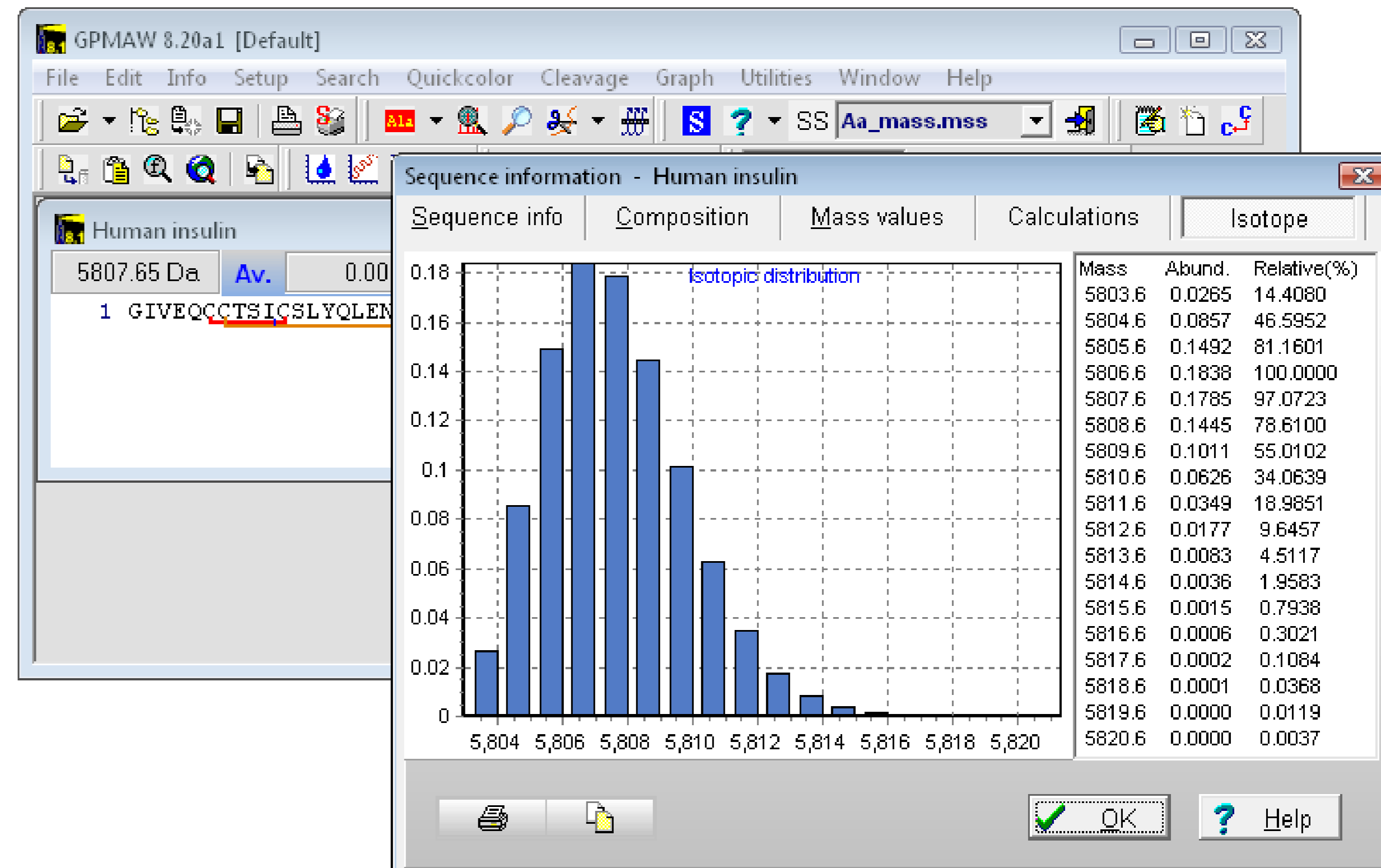
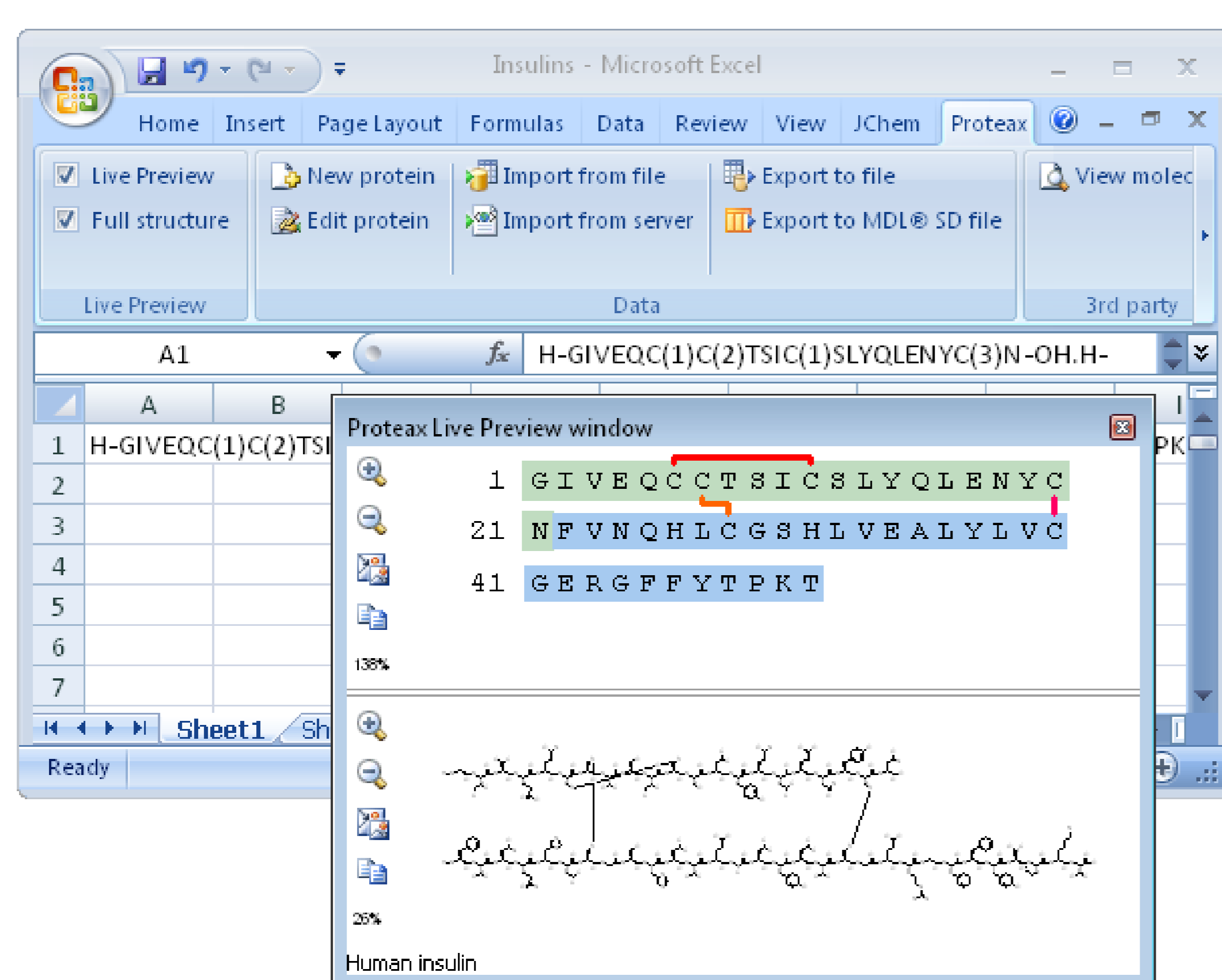


Proteax for KNIME

Graphical programming for processing protein data.

MS analysis via GPMW

Proteax fully supports proteins in GPMW format. This makes it easy to send protein sequences and fragments to the lab for MS analysis.

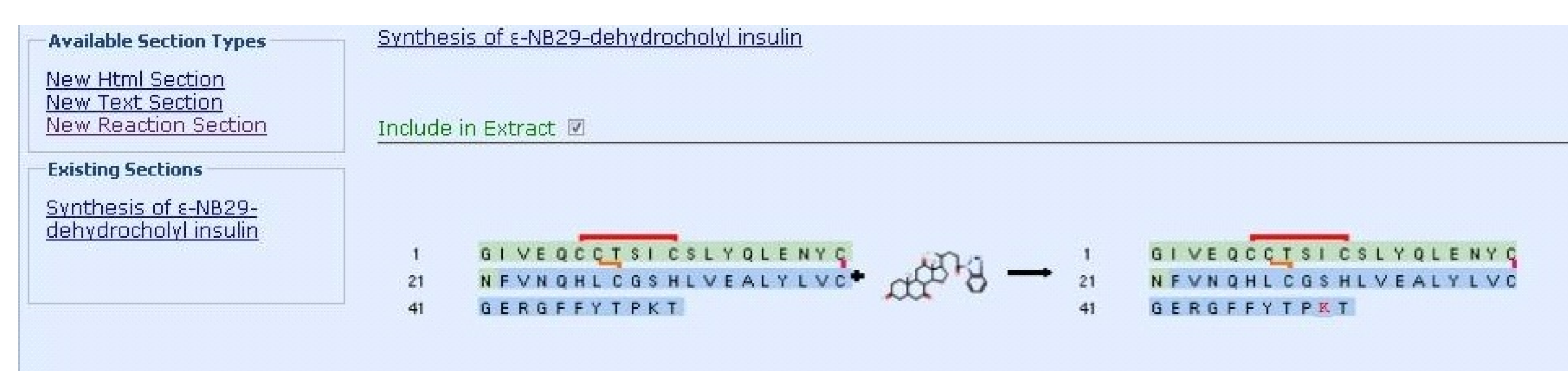


GPMW files can be read directly by Proteax to ensure seamless reporting of analysis results.

Easily integrated - just ask the vendors

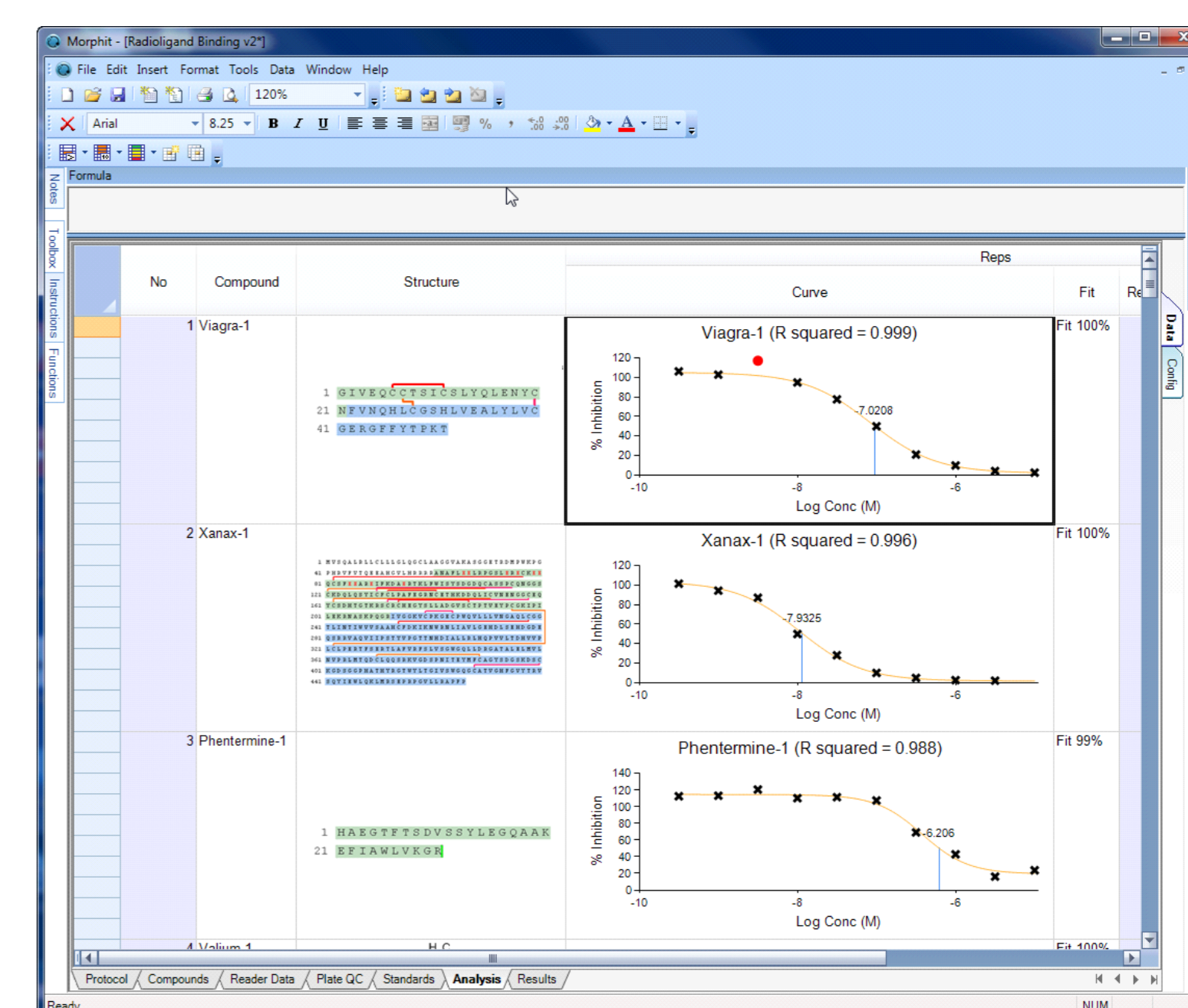
Proteax is successfully used by 3rd party vendors in combination with ChemAxon's toolkits to span the full range from small molecules to large proteins.

Sysment in Hungary is using Proteax and JChem to create a web-based ELN, *Sysment Notebook*, that supports both small molecule chemistry and biologics.



The Edge in the UK is integrating Proteax into its relational spreadsheet *Morphit*.

Morphit users will be able to use the *Proteax4Morphit* addin to register, analyse, and manipulate biologics in an environment that combines spreadsheet ease with database integrity.



Proteax4Morphit integrates nicely with the chemical structure addin *Structures4Morphit* which is based on ChemAxon's renderers.

Free Proteax trial at <http://www.biochemfusion.com/downloads/>

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Flash® is a registered trademark of Adobe Systems Incorporated in the United States and/or other countries.

JavaScript™ is a registered trademark of Oracle corp. and its affiliates.

GPMW is a 3rd party product from Lighthouse Data, Denmark.

JChem for Excel is a 3rd party product from ChemAxon, Hungary.

Sysment Notebook is a 3rd party product from Sysment, Hungary.

Morphit is a 3rd party product from The Edge, UK.

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