



The **Realisation** of Research

LIGPLOT

Case ID:

30-018

Web Published:

Mar 1, 2011

Category(s):

Software

Data Analysis

Description:

LIGPLOT

Available For: Non-exclusive licensing

Summary

The LIGPLOT software program automatically generates schematic 2-D representations of protein-ligand complexes from standard Protein Data Bank file input. The output is a colour or black-and-white PostScript file giving simple and informative representation of the intermolecular interactions, including hydrogen bonds and hydrophobic interactions. A java-based editor called LigEd allows the final plot to be interactively modified and fine-tuned if necessary.

The Technology and its Advantages

The LIGPLOT software remains one of the most popular programs of X-ray crystallographers, NMR spectroscopists and protein modellers with an interest in small molecular interactions.

Market Opportunity

The software is currently licensed to over a dozen major players in the pharmaceutical, biotech and agrochemical industries.

Intellectual Property Status

The software is copyright protected and available for commercial licensing via the UCLB online licensing portal: www.uclb-licensing.com/informatics_software/

Further Information

Please contact Marina Santilli, Business Manager, T: +44 (0)20 7679 9000 E: m.santilli@uclb.com

For Information, Contact:

Marina Santilli
Business Manager
UCL Business PLC
020 7679 9000
m.santilli@uclb.com

Inventors:

Roman Laskowski
Janet Thornton
Ian McDonald
Andrew Wallace

Keywords:**Direct Link:**

<http://uclb.technologypublisher.com/technology/6505>