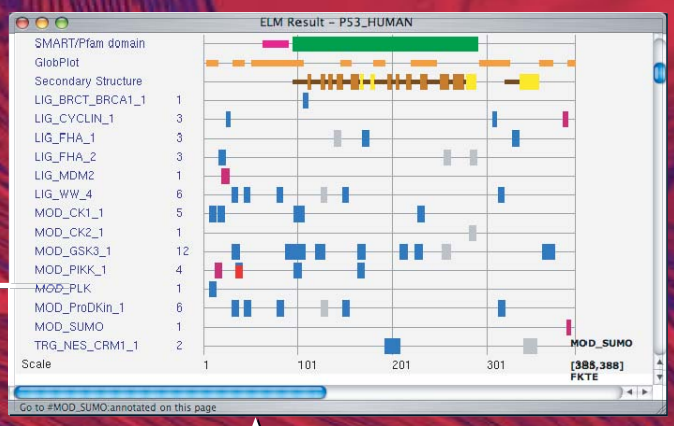
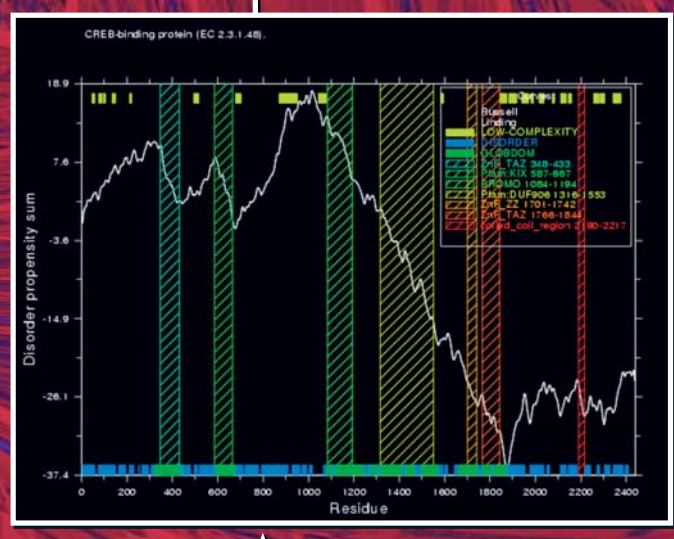
Exploring Modular Protein Architecture 2010

A ☞hands-on ☜bioinformatics training workshop

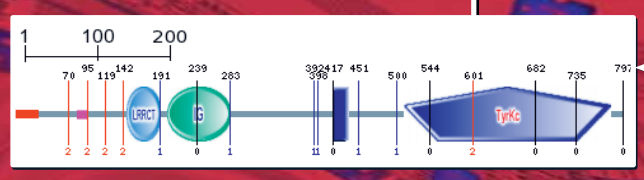
DOMAINS / MOTIFS / *Disorder* and *Interactions* of eukaryotic regulatory proteins



elm.eu.org



globplot.embl.de



smart.embl.de

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CEBA_MOUSE  PLVIKQEPREED
CEBA_HUMAN  PLVIKQEPREED
Q91346_XENLA PLAIKQEPREEE
Q90582_GALGA PLVIKQEPREEE
CEBE_HUMAN  AVAVKEEPRGPE
CEBE_RAT    AVAVKEEPRGPE
Q8UVY9_BRARE CAPIKKEADWSD
CEBD_HUMAN  PRLLKREPDWGD
CEBD_MOUSE  RGPLKREPDWGD
ruler       .....230....
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ClustalX

Target participants:
Experimental scientists, Postgraduate or above

Teaching

EMBL

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http://www.embracegrid.org

19–22 January 2010

EMBL Heidelberg, Germany

Topics

- Introduction to Common Bioinformatic Tools (optional initial half day at no extra cost)
- Multiple Sequence Alignment
- Protein-Protein Interaction Networks
- Predicting Globular Domains and Native Disorder
- Exploring Regulatory Protein Motifs
- 3D Structures of Proteins and Protein-Protein Interactions
- Bioinformatic Resource Integration

Trainers

Nigel Brown
University of Heidelberg

Francesca Diella
biobyte solutions GmbH

Niall Haslam
Complex and Adaptive Systems Laboratory, University College Dublin

Lars Juhl Jensen
Novo Nordisk Foundation Center for Protein Research, University of Copenhagen

Philip McDermott
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Andrea Schafferhans-Fuhrmann
TU Muenchen

David Thorne
University of Manchester

Organisers

Aidan Budd
EMBL Heidelberg

Toby Gibson
EMBL Heidelberg

Registration fee € 250.-
Application deadline is 4 December 2009
Online registration only!
For more information please see:

www.embl.de/courses/empa2010

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