Overview: Accession

Data Accessioning Program

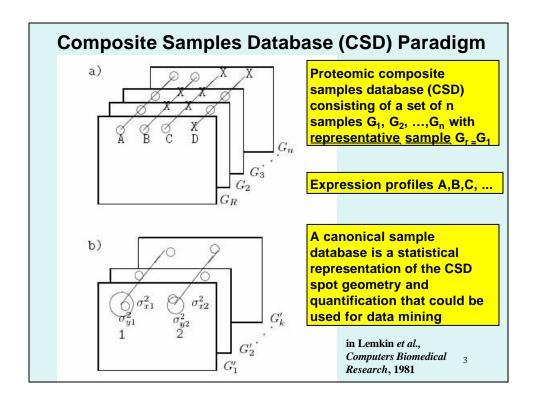
http://open2dprot.sourceforge.net/Accession

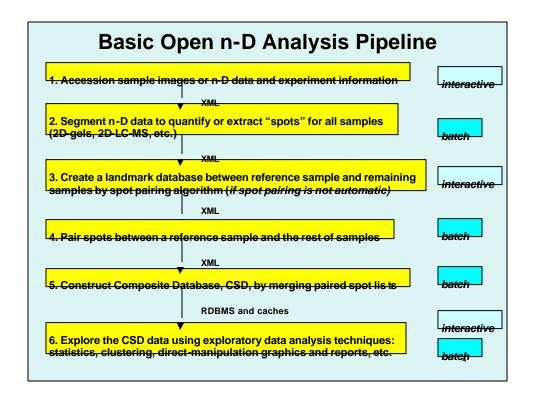
Revised: 03-01-2004, P. Lemkin

Introduction

- Data must be accessioned or entered into the program database. This consists of several activities:
- 1. Entering the name of the sample and sample information
- 2. Entering the Region Of Interest of sample
- 3. Entering sample calibration info if any

2

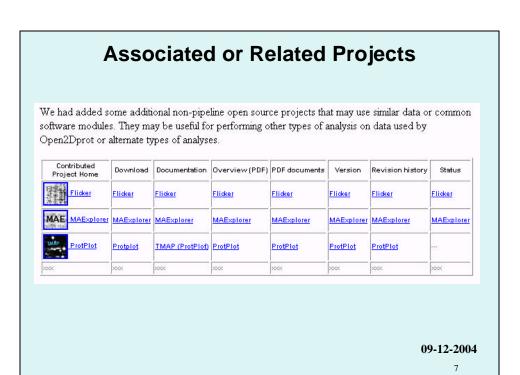


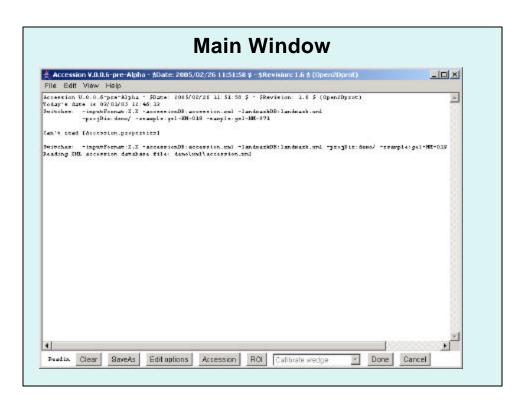


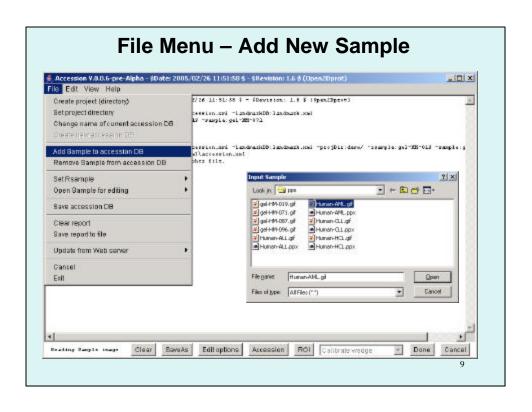
Initial Open n-D Data-Mining Tools

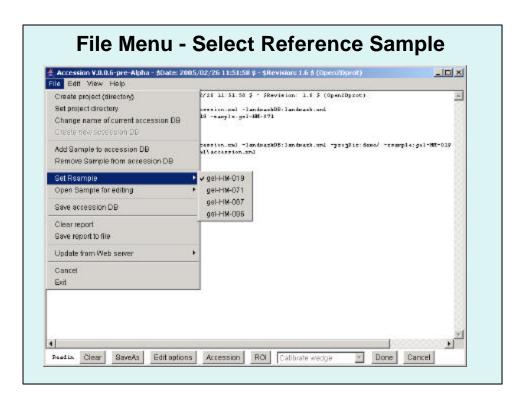
- Accession n-D sample images or n-D data and experiment data
- Quantify 'spots' from sample images or peptide clusters
- Pair spots between samples and a reference sample
- Construct <u>composite sample database</u> for exploratory data analysis
- Manage <u>subsets of proteins</u> in the database
- Manage replicate samples and condition sets of samples
- Analyze expression profiles for multiple conditions
- Data-filter protein sets by statistics, clustering, set membership
- <u>Direct-manipulation</u> of data in graphics, spreadsheets
- Integrate <u>R language</u> statistical, clustering, classifiers, class prediction, and other methods
- Integrate access to Internet proteomic/genomic/function data servers for user-specified protein sets

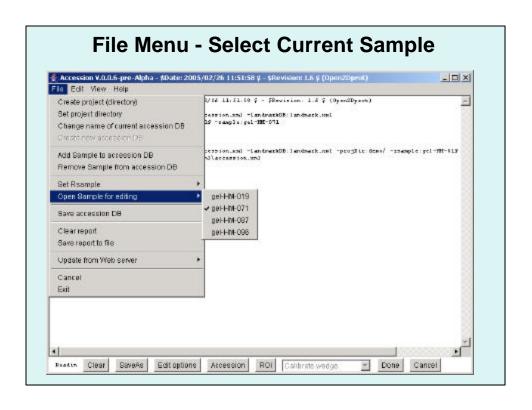
Open2Dprot Pipeline Subprojects Open2Dprot pipeline subprojects Open2Dprot consists of a series of coordinated Open2Dprot pipeline processing modules. By using XML as the "glue" between modules, it is possible to substitute alternate modules at the various pipeline steps. As pipeline modules and alternate modules become available, they will be added to this table. We encourage the donation of alternate pipeline processing modules which will be added to this table. We will be using a common O2Plb library in the Open2Dpcot pipeline modules. This will help ensure that they use the same conventions, data structures and XML data interchange formats. Subproject Home | Bownload | Boournentstion | Overview (PDF) | PDF documents | Version | Revision Nistory | Status Pipeline step Open2Parot (see below) Doen2Doiot Open2Parot Open2Parot Open2Doint Open2Parot olevajan protoškoj Accession Accession Acception Acception Асокатии Асседион re-ecolor Sea20gel Sea20gel Sea20gel SegZDgel Seg2Pael Seg2Dael Seg2Dgel Seg2Dgel [2] pio-alaha Landmah Landman Landman antmak Landmask Landmak Landman Landmask CompSpots CompSpots CompSpots CrapSpots CmpSpots CmpSpote: CropSpote CropSpote ne-elphe Bullecap Bullecap Buildbsb BuildESD Bullioso Durdosp (καίχη ριτέρδυσ ESD minus design produtyo combar copylines copylines ceominec CSprings £\$0minar capminer одрів O2Plis COPIB-ian COPIB-ОЗРЫЬ 02966 ОЗРНЬ -common-01-09-2005

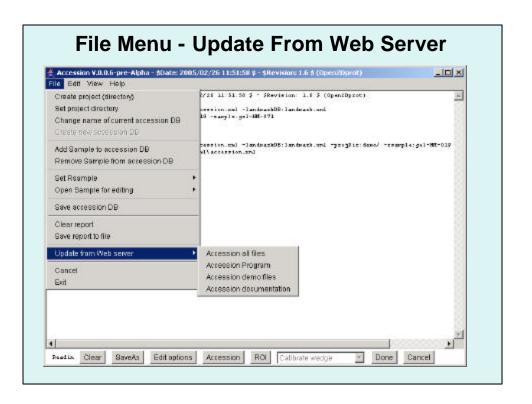


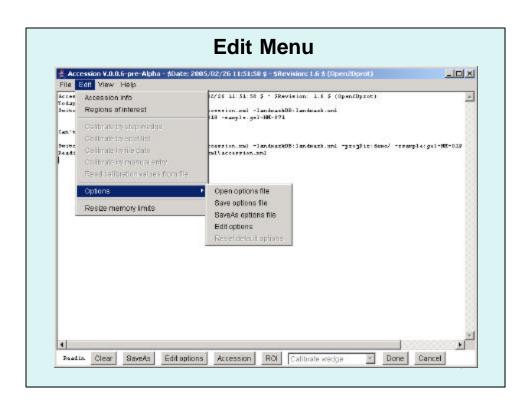


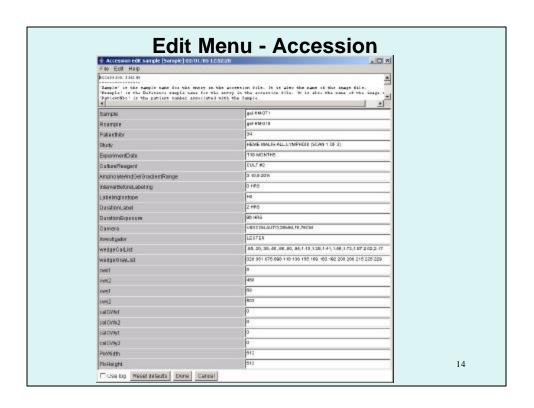


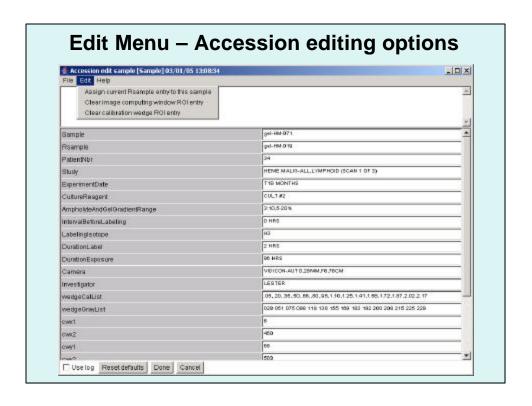


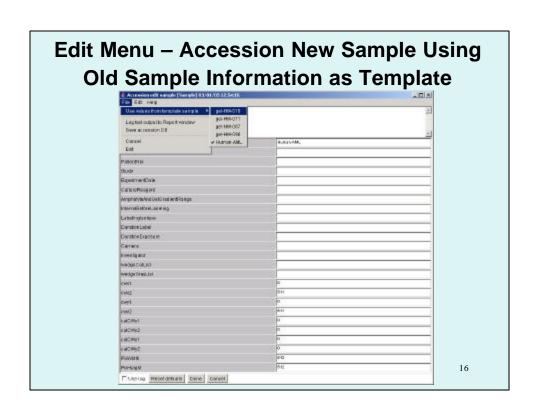




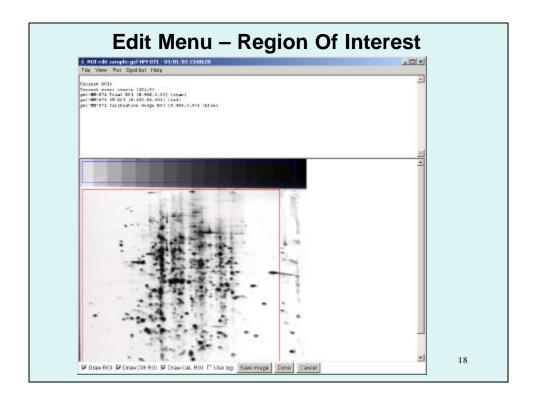


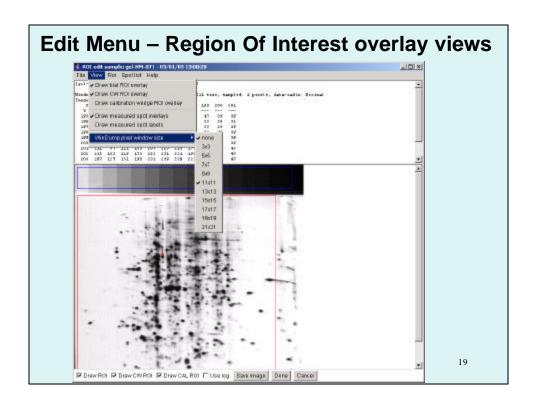


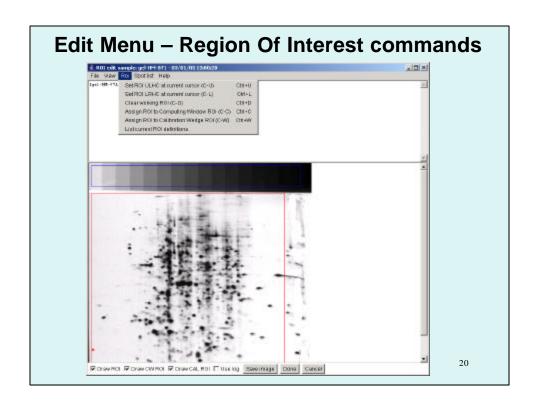


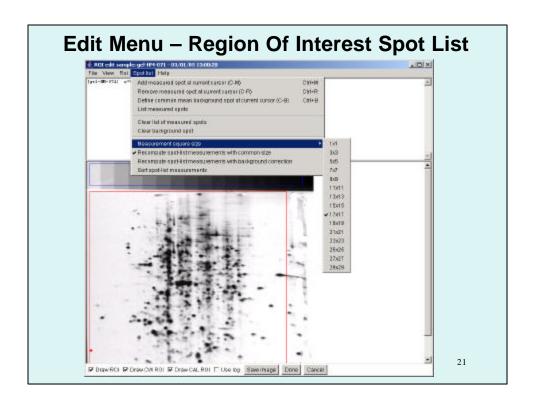


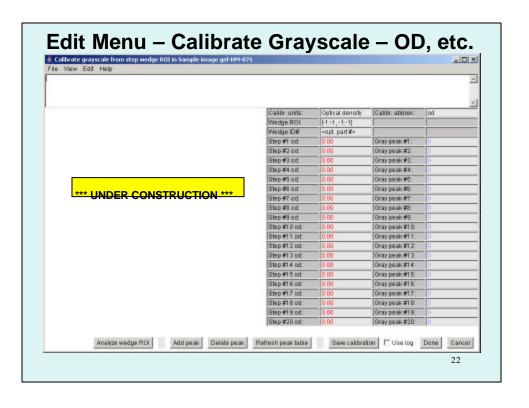
Compared	3
Set spile	2
Pade 2016	1
Pade 2016	
Pade 2016	
Policy 1992 Study Transcription TO Experimental Study Transcription TO Experimental Study To Study 1 OF 30 O	111
Prince MALE (N. AML M. P.C. (U.S.) DC AM. 1 CF (U.S.)	
To Data # Reager To Data # Reager Da	
CALT #2	- 13
Approximation Approximatio	- 1
Monosed style_Lakeling	- 1
Label Implications	
Danis et la tel Danis et l	13
Durant of Especials Commerce	- 13
Carrients	
######################################	
wedgeColum 00,000,000,000,000,000,000,000,000,000	
Head of the fill of	28
HeleT	1.80 g day g . TF
(1982 511 1984	13
Ingil D	
MY2 ====	
HADWIT P	- 17
INFOVED 0	
calCMy) D	- 3
IMCM/2	- 1
Pavaga	



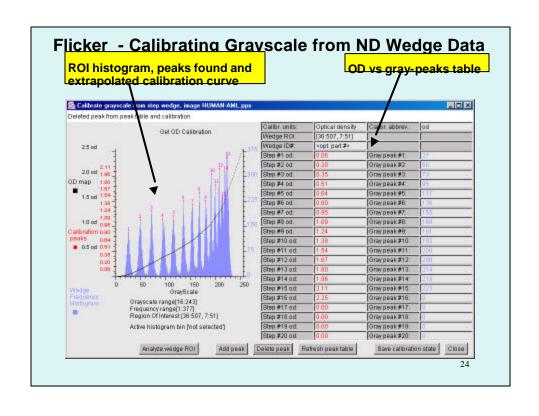




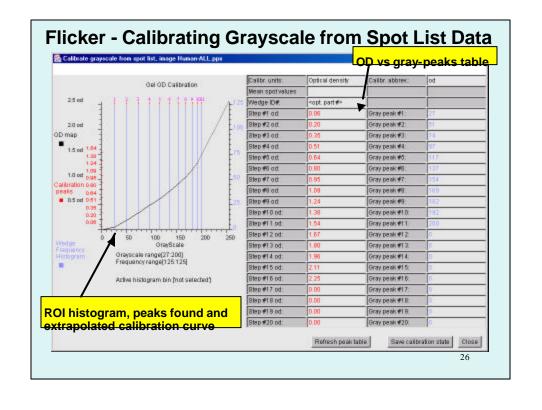




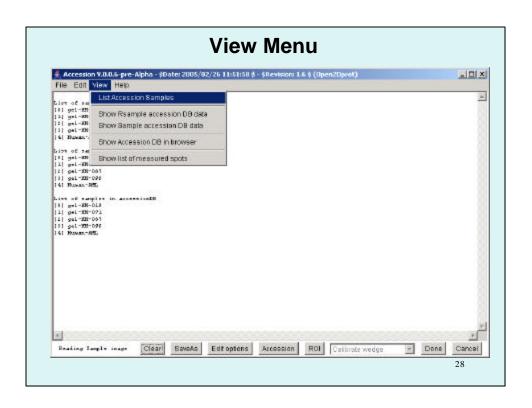
Flicker - Calibrating Grayscale with a ND Step-Wedge 1. The ND step wedge must be scanned with the image and the corresponding OD values known for each step 2. A region of interest (ROI) is overlaid on the step step-wedge 3. The ND wedge calibration wizard is invoked to analyze the data and estimate the calibration

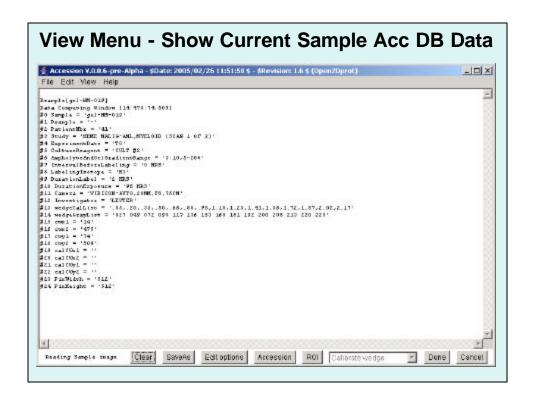


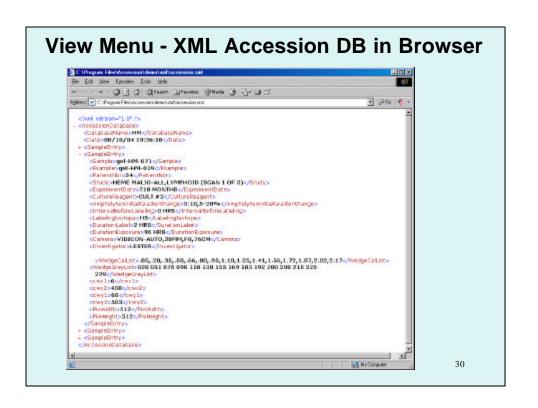
Flicker- Calibrating Grayscale with a Spot List of Calibrated Data List of spots you defined 1. The image must contain calibrated regions with known concentrations or Human-ALL pps (418, 268) 16941 corresponding OD values known for each spot O# O# OR O2 O1 2. You define a set of spots using (C-M) or (ALT-click) 3. The Spot List Calibration wizard is invoked to analyze the data and estimate the calibration

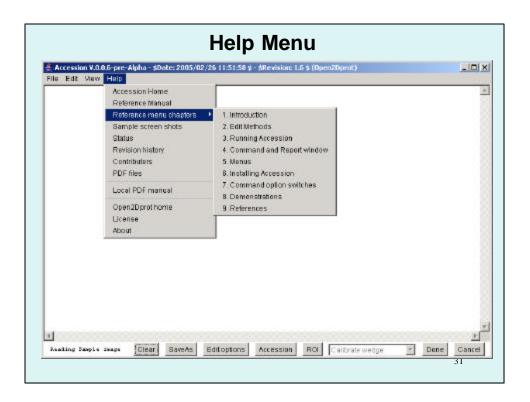


Enter sample image and select switch options		
Change the clarkup parameters; then prect Set new eptions' bubbs. This post, you can prece Trainspold to pair the Reample and Set the new parameter. You may also with enver Brample and Semple and/or edit switch aptions and these hid slides.	mple with	_
1		1
P-accessionFile!	acception on I	•
Ø -backupDatabases	(444	
-debugBits	0	
-default		
	7222	
□-stid	3500	
✓ -inputFormat x	×	
Ø -projDir Project directory Browse dir	demok	
-propertiesFile Properties file Browse file	Ascession, properties:	
⊽-rsample Rsample@e Browse@e	gel-HM-Q 19	100
▼-sample Sample file Browse tie	gal-HM-071	_
□-timer	<u></u>	
□-update program ▼	pregram	









Summary

- Accession is an open-source sample accessioning Java program freely available at http://open2dprot.sourceforge.net/Accession
- Useful for adding sample experiment information, regions of interest and grayscale calibration (if available).
- It will be used as one of the step [1] alternative modules in the analysis pipeline in the Open2Dprot project at http://open2dprot.sourceforge.net

32