

Relevance Networks

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Please cite Butte AJ, et al., Proceedings of the National Academy of Science USA 97(22):12182-6, 2000.

Analysis

Associations computed: 13:23 09/30/2002

Networks constructed: 13:44 09/30/2002

Dissimilarity measure: r

Minimum number of points needed for dissimilarity calculation: 5

Ignore negative and zero expression measures: FALSE

Set negative expression measures to zero: FALSE

Only use points with pairs of P calls in dissimilarity calculations: FALSE

Normalization: none

Parameters used

Keep associations greater than: 0.8

Keep associations less than: -0.8

General description

Number of networks: 19

Number of features (genes): 202

Number of features (genes) used: 59

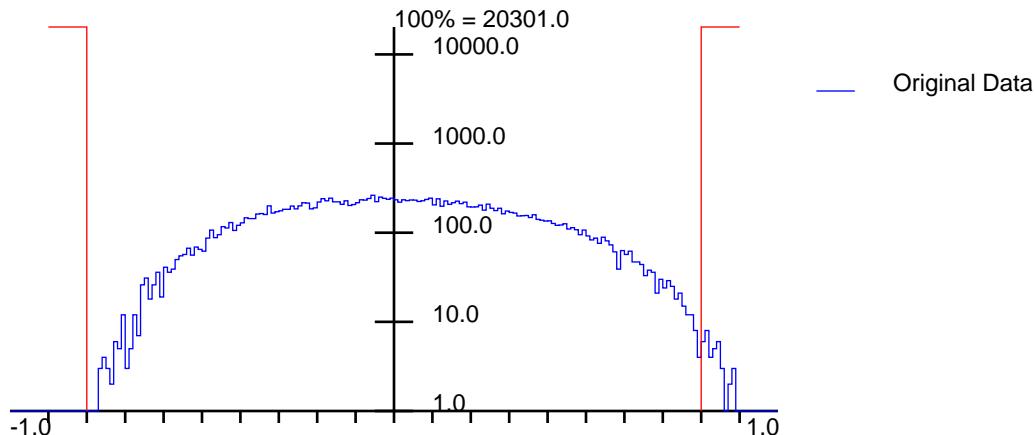
Total number of edges possible between 202 features (genes): 20301

Number of edges left after analysis: 43

Absolute value of strongest link from any of the 59 nodes used in this analysis: 0.9602087

Absolute value of weakest link from any of the 59 nodes used in this analysis: 0.8045203

Histogram



Data ranges from -0.81874144 to 0.9602087.

Samples Used (21 samples)

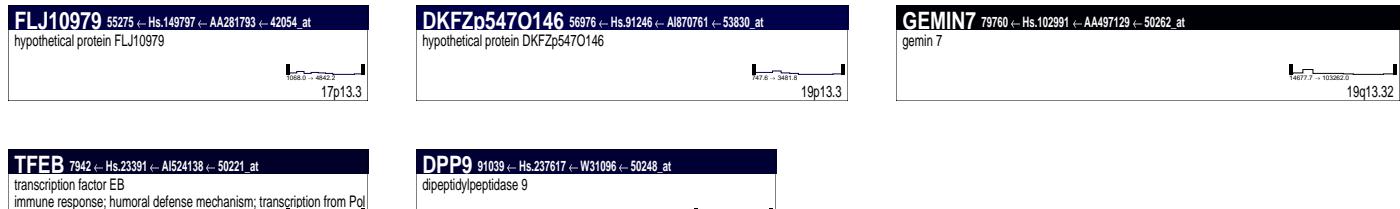
C:\Documents and Settings\Guest\Desktop\S+83Norm.Unnorm.txt_1
C:\Documents and Settings\Guest\Desktop\S+83Norm.Unnorm.txt_2
C:\Documents and Settings\Guest\Desktop\S+83Norm.Unnorm.txt_3
C:\Documents and Settings\Guest\Desktop\S+83Norm.Unnorm.txt_4
C:\Documents and Settings\Guest\Desktop\S+83Norm.Unnorm.txt_5
C:\Documents and Settings\Guest\Desktop\S+83Norm.Unnorm.txt_6
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C:\Documents and Settings\Guest\Desktop\S+83Norm.Unnorm.txt_9
C:\Documents and Settings\Guest\Desktop\S+83Norm.Unnorm.txt_10
C:\Documents and Settings\Guest\Desktop\S+83Norm.Unnorm.txt_11
C:\Documents and Settings\Guest\Desktop\S+83Norm.Unnorm.txt_12
C:\Documents and Settings\Guest\Desktop\S+83Norm.Unnorm.txt_13
C:\Documents and Settings\Guest\Desktop\S+83Norm.Unnorm.txt_14
C:\Documents and Settings\Guest\Desktop\S+83Norm.Unnorm.txt_15
C:\Documents and Settings\Guest\Desktop\S+83Norm.Unnorm.txt_16
C:\Documents and Settings\Guest\Desktop\S+83Norm.Unnorm.txt_17
C:\Documents and Settings\Guest\Desktop\S+83Norm.Unnorm.txt_18
C:\Documents and Settings\Guest\Desktop\S+83Norm.Unnorm.txt_19
C:\Documents and Settings\Guest\Desktop\S+83Norm.Unnorm.txt_20
C:\Documents and Settings\Guest\Desktop\S+83Norm.Unnorm.txt_21

Network Table of Contents

Network 1 (size 3)



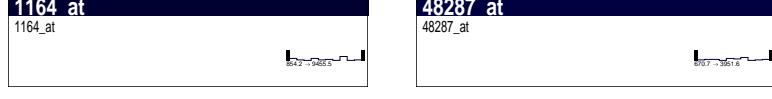
Network 2 (size 5)



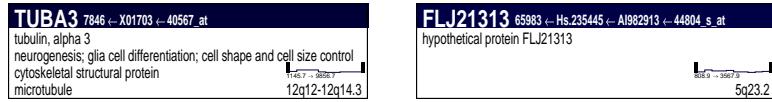
Network 3 (size 2)



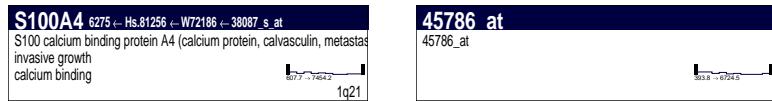
Network 4 (size 2)



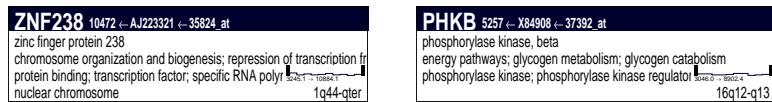
Network 5 (size 2)



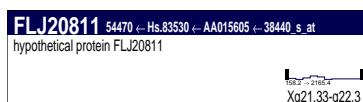
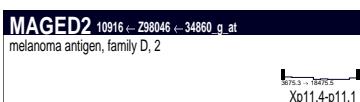
Network 6 (size 2)



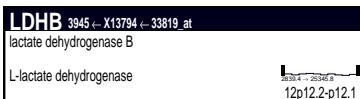
Network 7 (size 2)



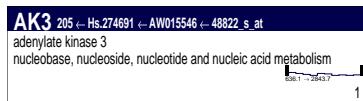
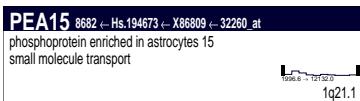
Network 8 (size 2)



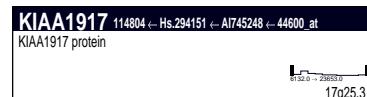
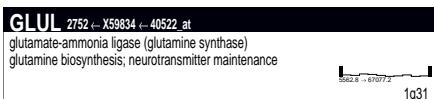
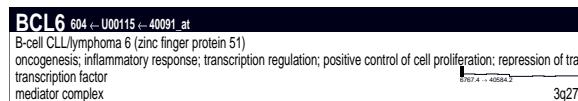
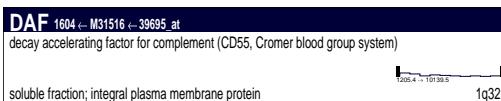
Network 9 (size 2)



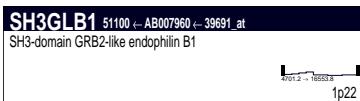
Network 10 (size 2)



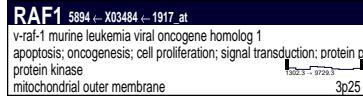
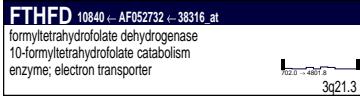
Network 11 (size 8)



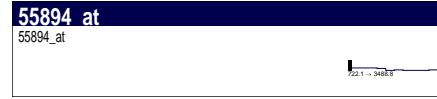
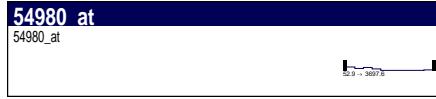
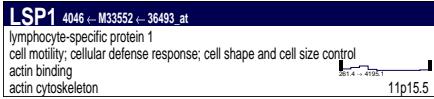
Network 12 (size 3)



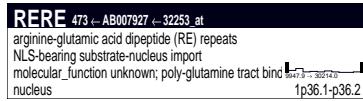
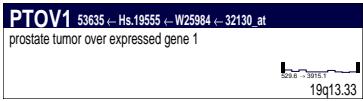
Network 13 (size 2)



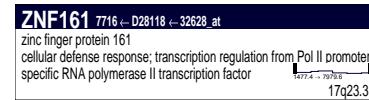
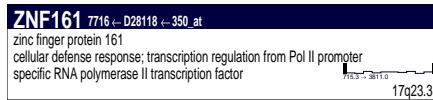
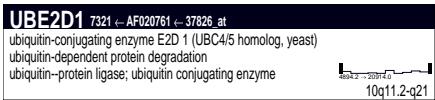
Network 14 (size 3)



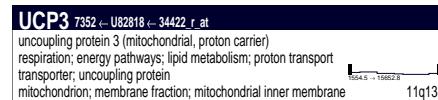
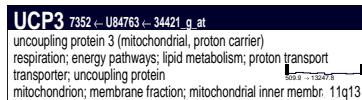
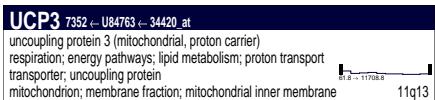
Network 15 (size 2)



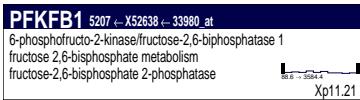
Network 16 (size 4)



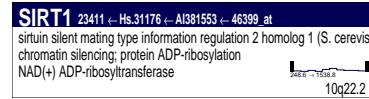
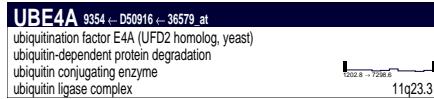
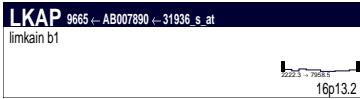
Network 17 (size 5)



Network 18 (size 5)



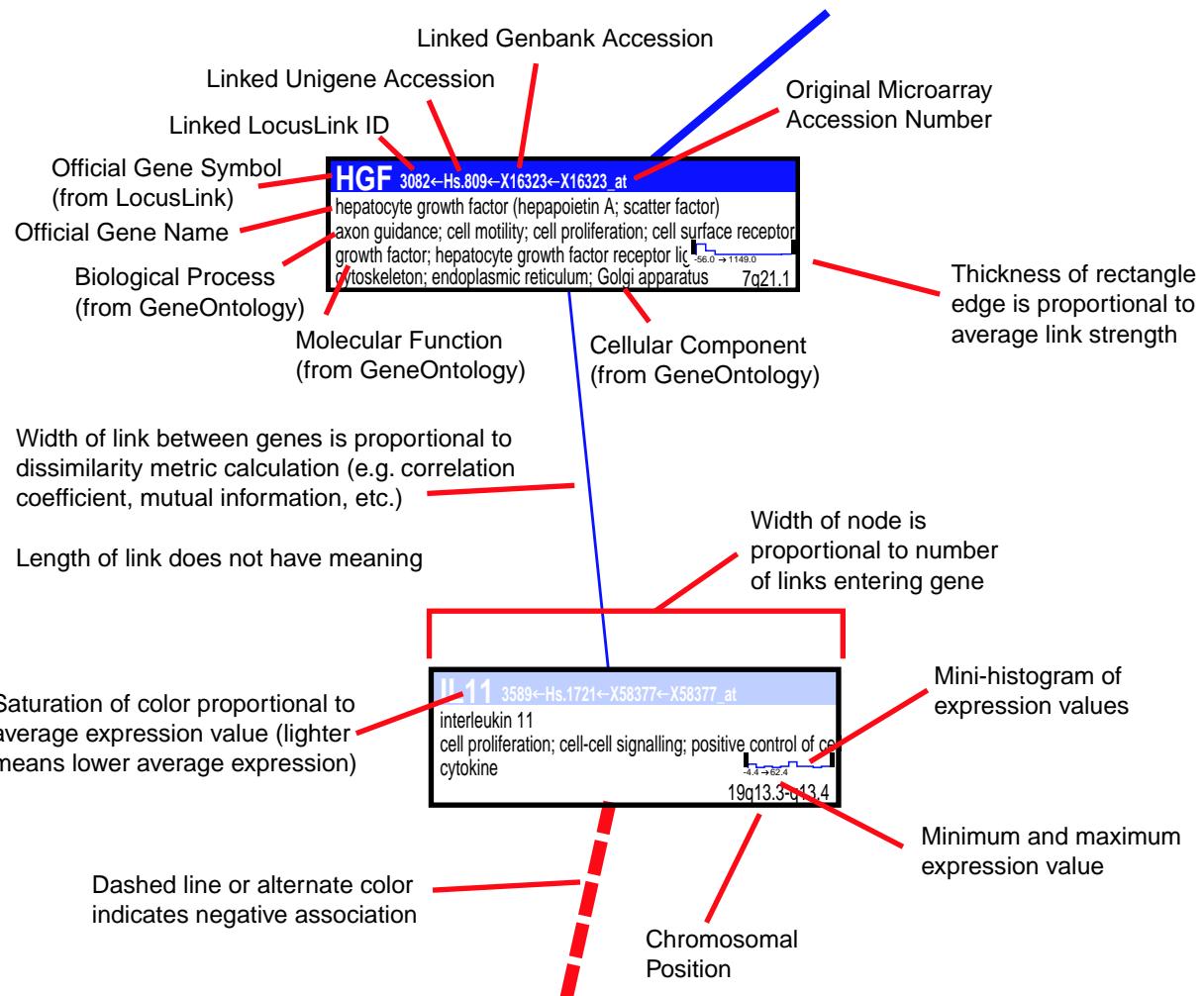
Network 19 (size 3)

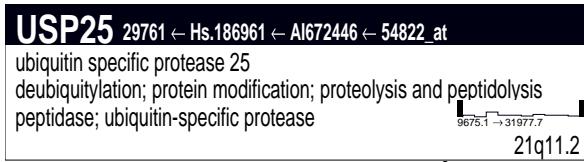


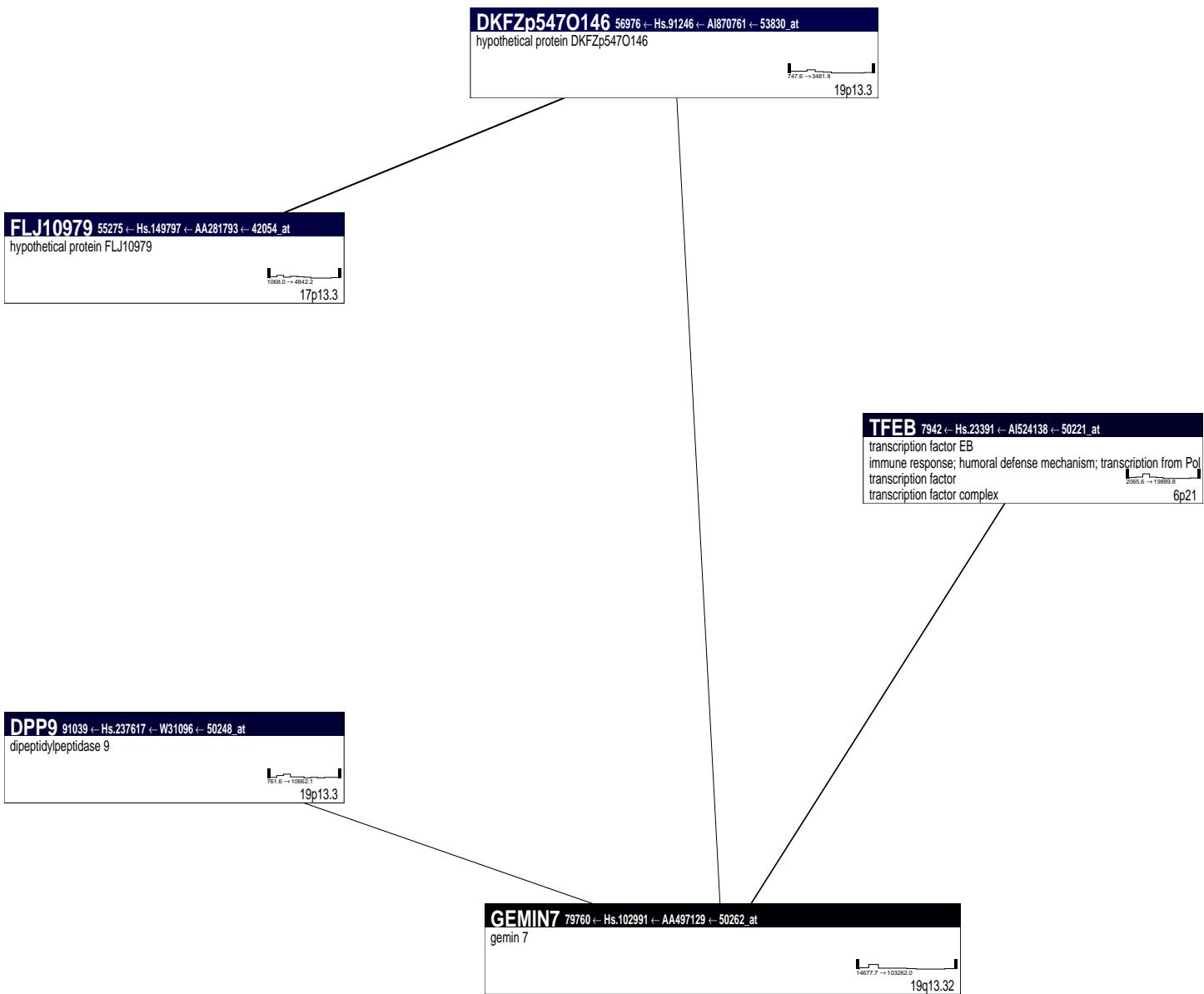
End of Network Table of Contents

Relevance Networks

Legend







HSPB2 3316 ← S67070 ← 541_g_at

heat shock 27kD protein 2

stress response; heat shock response

protein binding; enzyme activator; heat shock protein

cytosol

1711.5 → 15108.3

11q22-q23

HSPB2 3316 ← S67070 ← 540_at

heat shock 27kD protein 2

stress response; heat shock response

protein binding; enzyme activator; heat shock protein

cytosol

673.4 → 10630.7

11q22-q23

48287 at

48287_at



670.7 → 3951.6

1164 at

1164_at



854.2 → 9455.5

FLJ21313 65983 ← Hs.235445 ← Al982913 ← 44804_s_at

hypothetical protein FLJ21313

808.9 → 3567.9

5q23.2

TUBA3 7846 ← X01703 ← 40567_at

tubulin, alpha 3

neurogenesis; glia cell differentiation; cell shape and cell size control

cytoskeletal structural protein

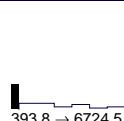
microtubule

1145.7 → 9856.7

12q12-12q14.3

45786_at

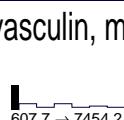
45786_at



393.8 → 6724.5

S100A4 6275 ← Hs.81256 ← W72186 ← 38087_s_at

S100 calcium binding protein A4 (calcium protein, calvasculin, metastasis invasive growth calcium binding)



607.7 → 7454.2

1q21

PHKB 5257 ← X84908 ← 37392_at

phosphorylase kinase, beta

energy pathways; glycogen metabolism; glycogen catabolism

phosphorylase kinase; phosphorylase kinase regulator

3046.0 → 8902.4

16q12-q13

ZNF238 10472 ← AJ223321 ← 35824_at

zinc finger protein 238

chromosome organization and biogenesis; repression of transcription fr

protein binding; transcription factor; specific RNA polyr

3245.1 → 10884.1

nuclear chromosome

1q44-qter

FLJ20811 54470 ← Hs.83530 ← AA015605 ← 38440_s_at

hypothetical protein FLJ20811

158.2 → 2165.4

Xq21.33-q22.3

MAGED2 10916 ← Z98046 ← 34860_g_at

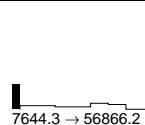
melanoma antigen, family D, 2

3675.3 → 18475.5

Xp11.4-p11.1

43827_s_at

43827_s_at

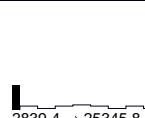


7644.3 → 56866.2

LDHB 3945 ← X13794 ← 33819_at

lactate dehydrogenase B

L-lactate dehydrogenase



2839.4 → 25345.8

12p12.2-p12.1

AK3 205 ← Hs.274691 ← AW015546 ← 48822_s_at

adenylate kinase 3

nucleobase, nucleoside, nucleotide and nucleic acid metabolism

636.1 → 2843.7

1

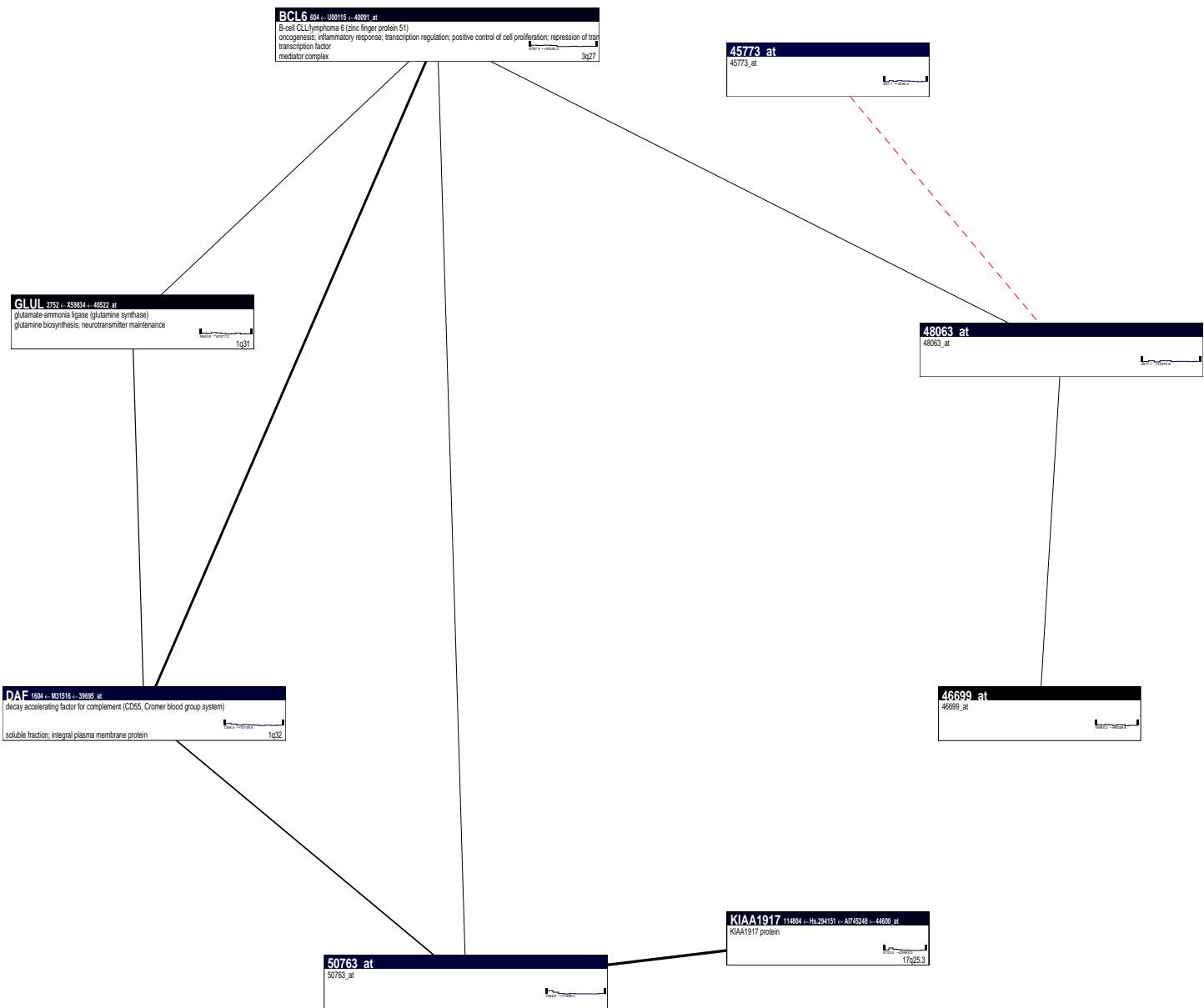
PEA15 8682 ← Hs.194673 ← X86809 ← 32260_at

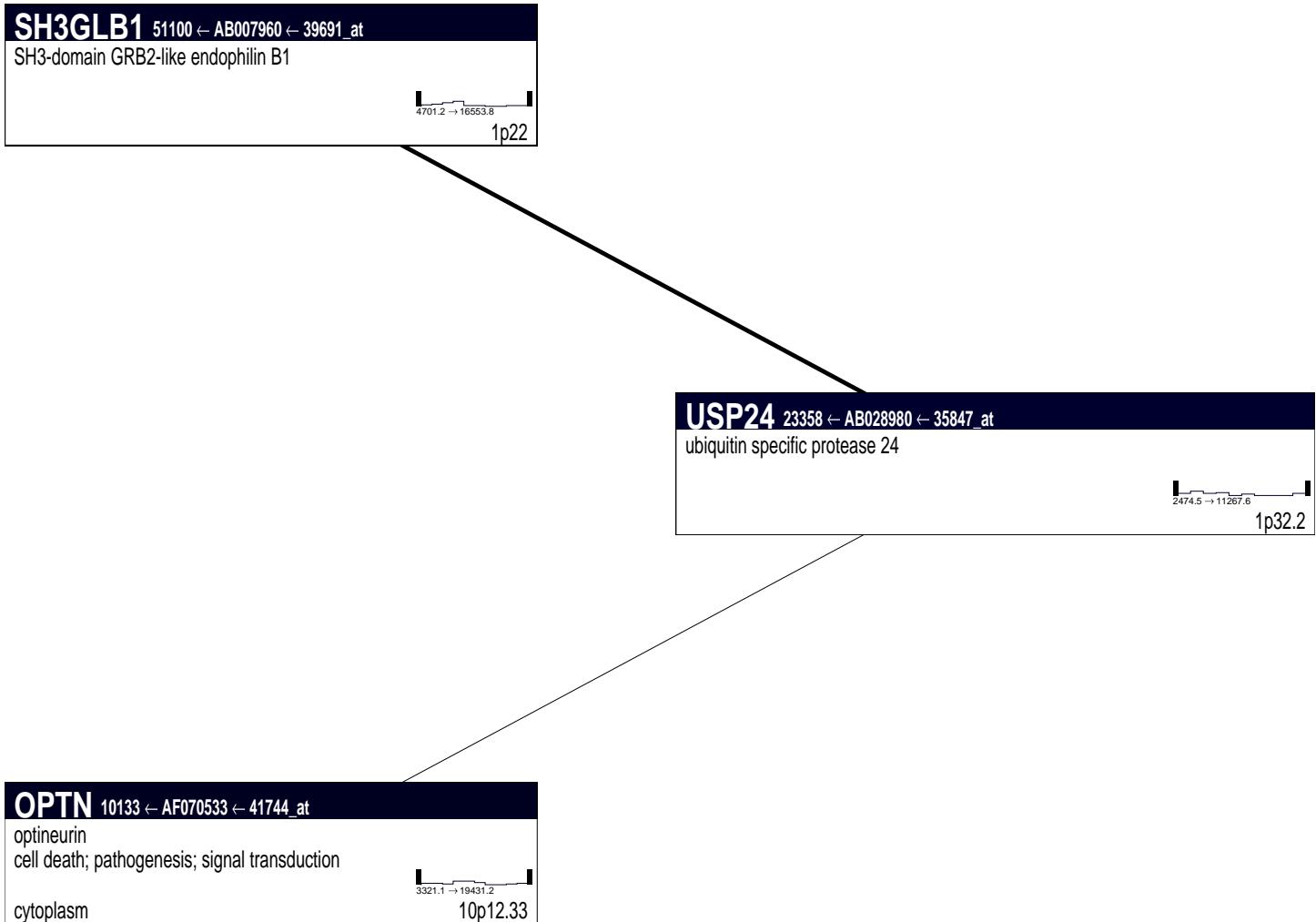
phosphoprotein enriched in astrocytes 15

small molecule transport

1996.6 → 12132.0

1q21.1





RAF1 5894 ← X03484 ← 1917_at

v-raf-1 murine leukemia viral oncogene homolog 1
apoptosis; oncogenesis; cell proliferation; signal transduction; protein p
protein kinase
mitochondrial outer membrane

1302.3 → 9729.3

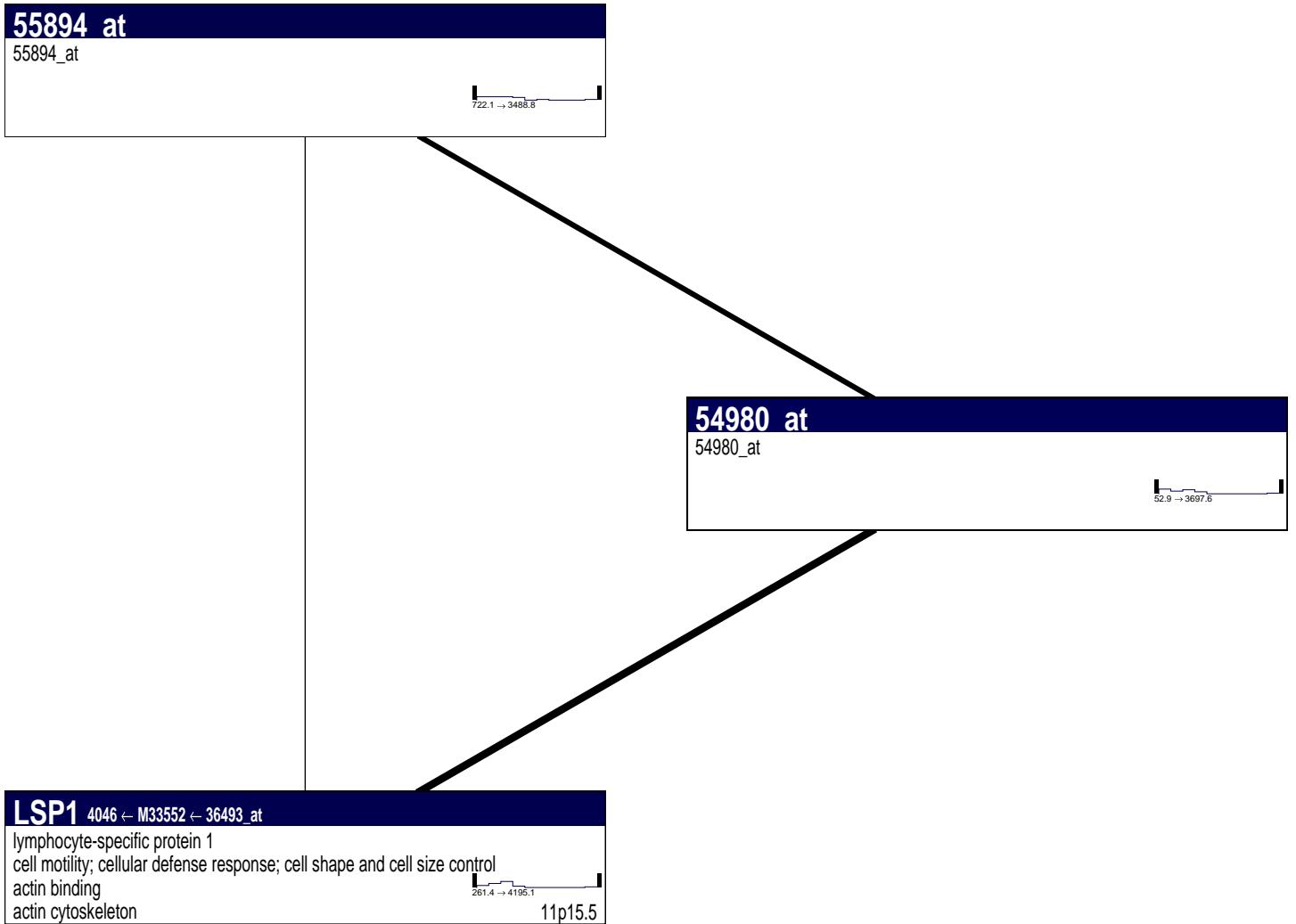
3p25

FTHFD 10840 ← AF052732 ← 38316_at

formyltetrahydrofolate dehydrogenase
10-formyltetrahydrofolate catabolism
enzyme; electron transporter

702.0 → 4801.8

3q21.3



RERE 473 ← AB007927 ← 32253_at

arginine-glutamic acid dipeptide (RE) repeats

NLS-bearing substrate-nucleus import

molecular_function unknown; poly-glutamine tract bind

9947.9 → 30214.0

nucleus

1p36.1-p36.2

PTOV1 53635 ← Hs.19555 ← W25984 ← 32130_at

prostate tumor over expressed gene 1

529.6 → 3915.1

19q13.33

