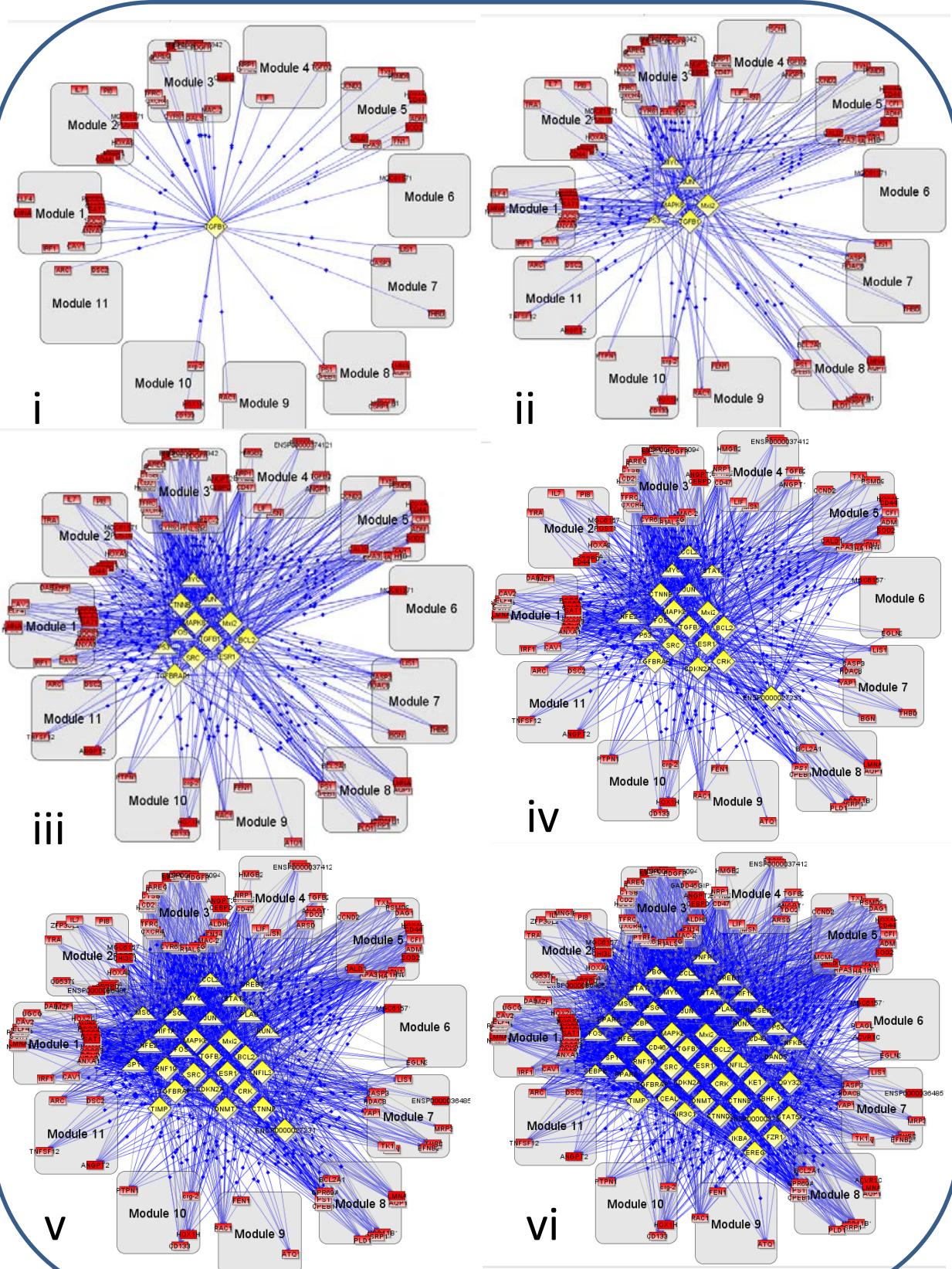
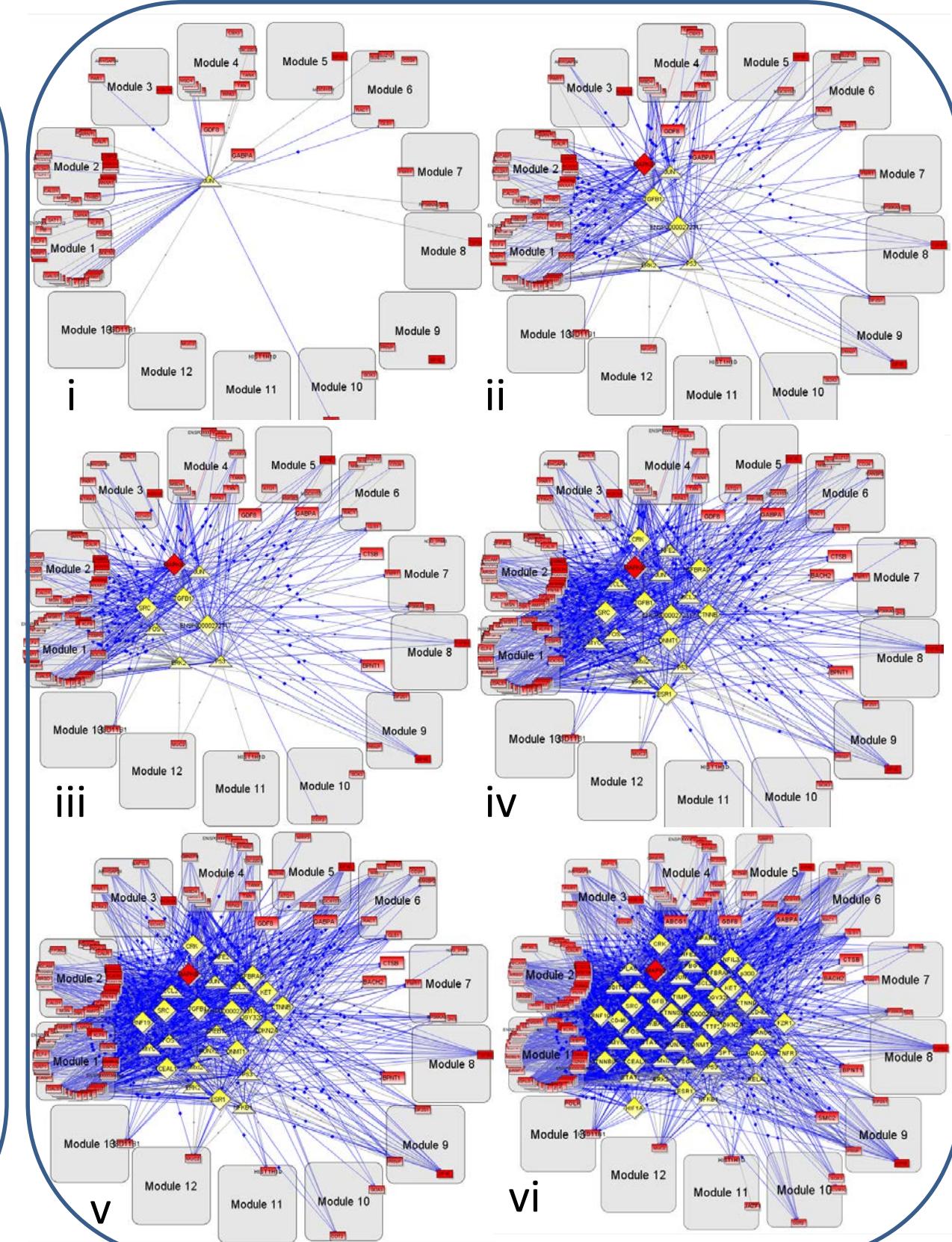


# Hierarchical control of coherent gene clusters define the molecular mechanisms of glioblastoma

## Supplementary figures

01-05-15

*Note: See zoomed  
S1-S3 figures at  
the end.*

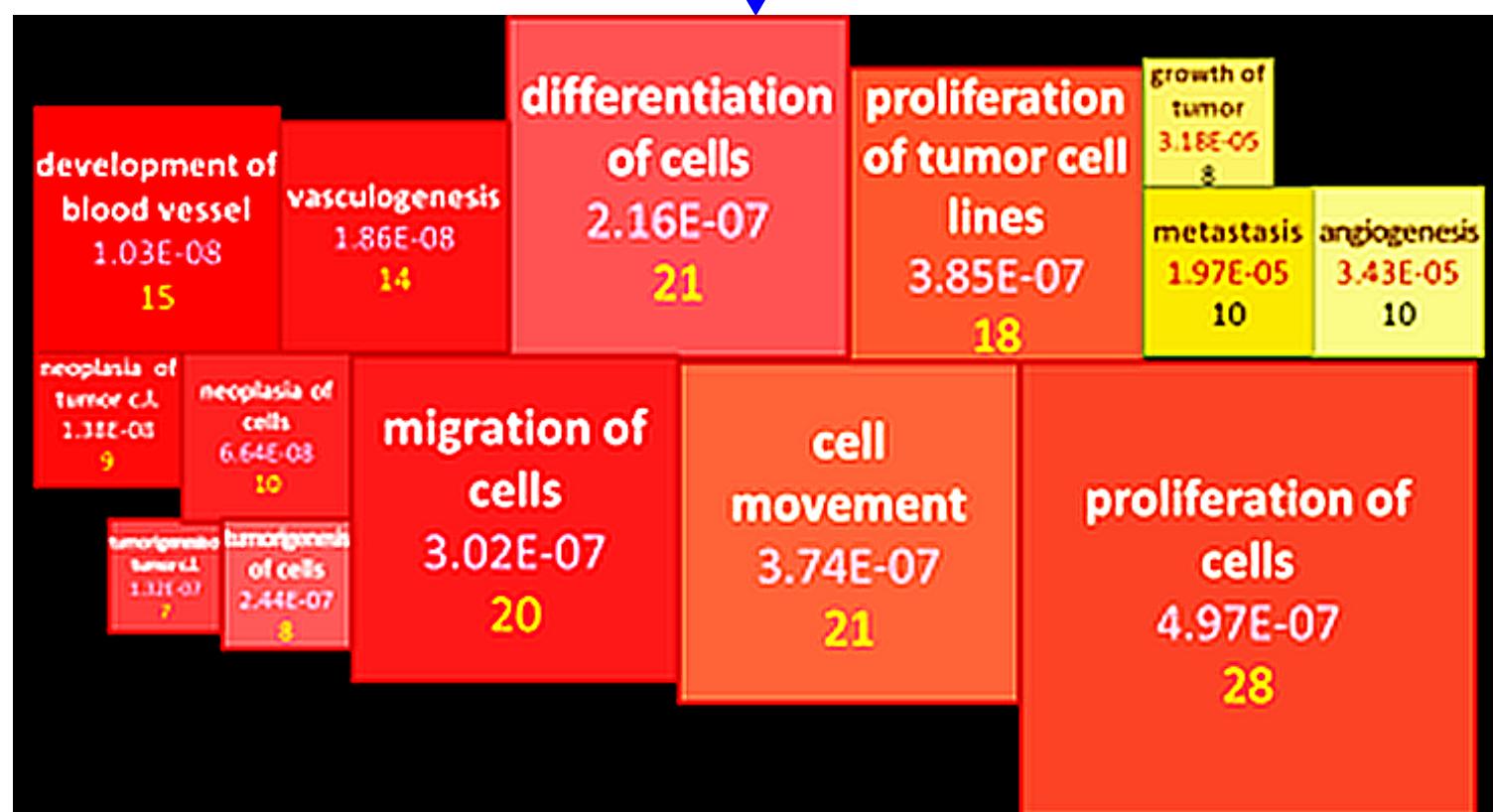
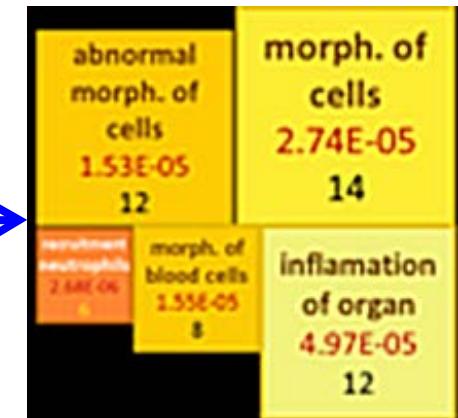
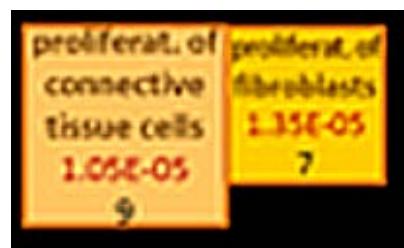
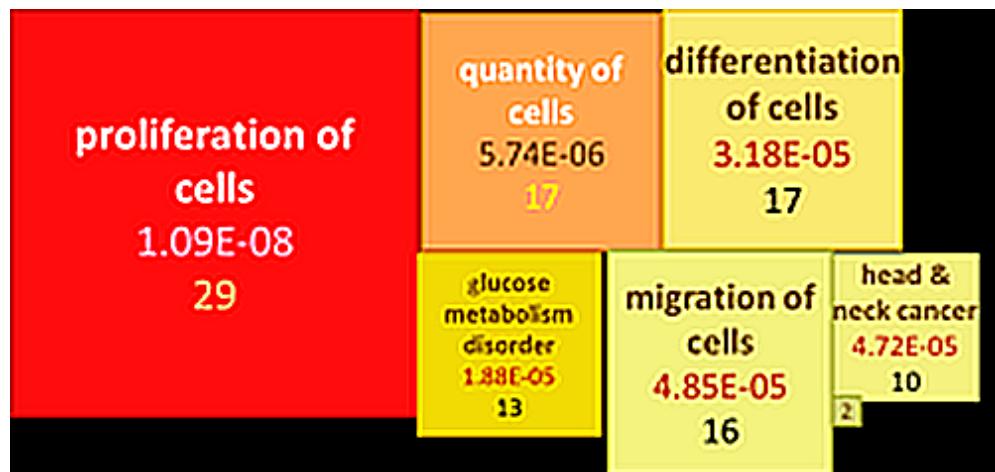
**A****GBM1****B****GBM2****Figure S1**

GBM1 CGM1

GBM1 CGM5

GBM1 CGM2

GBM1 CGM3



1E-08

1E-03



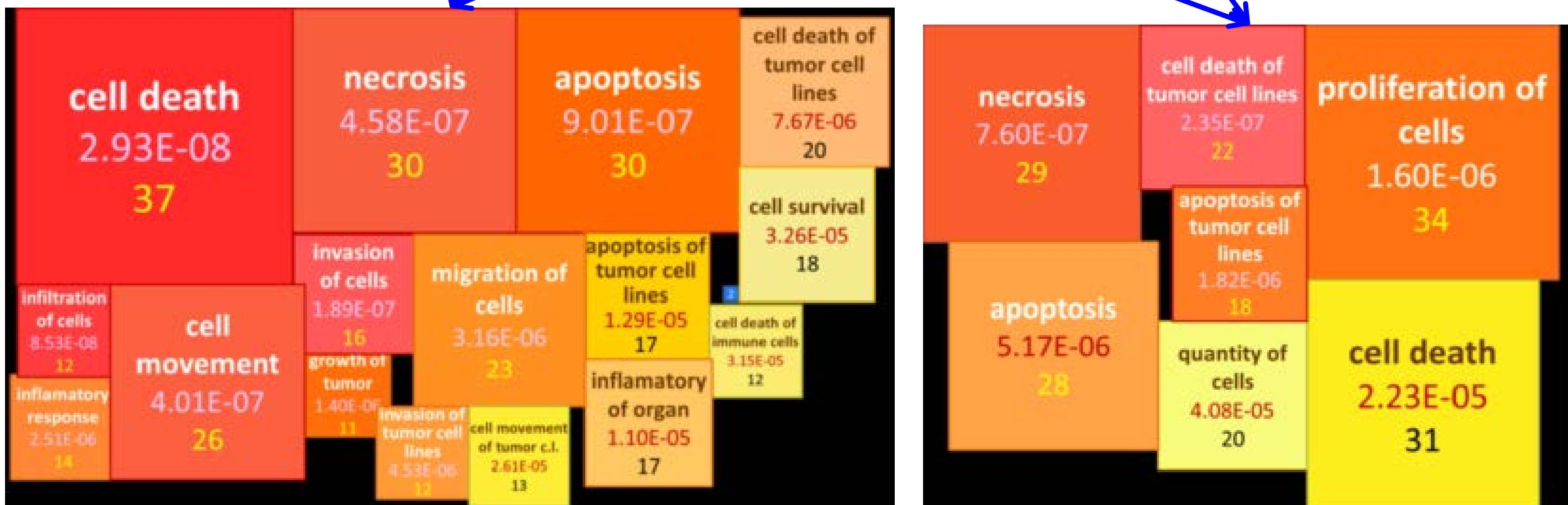
Figure S2

GBM2 CGM1

Jun

TGF  
β

GBM2 CGM2



1E-08

1E-03



Figure S3

Figure S4A

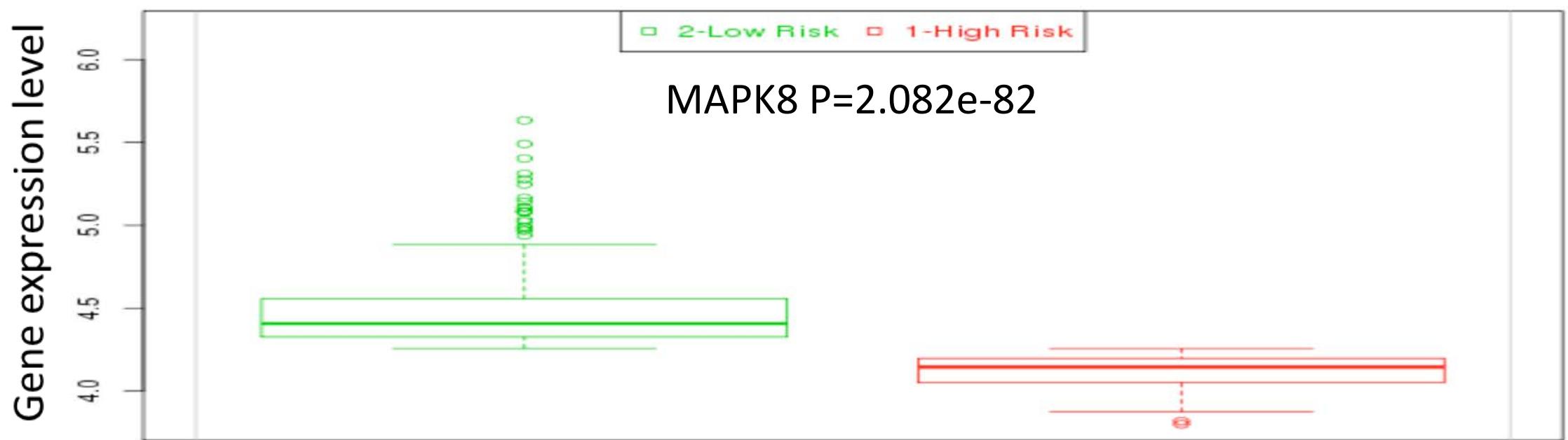
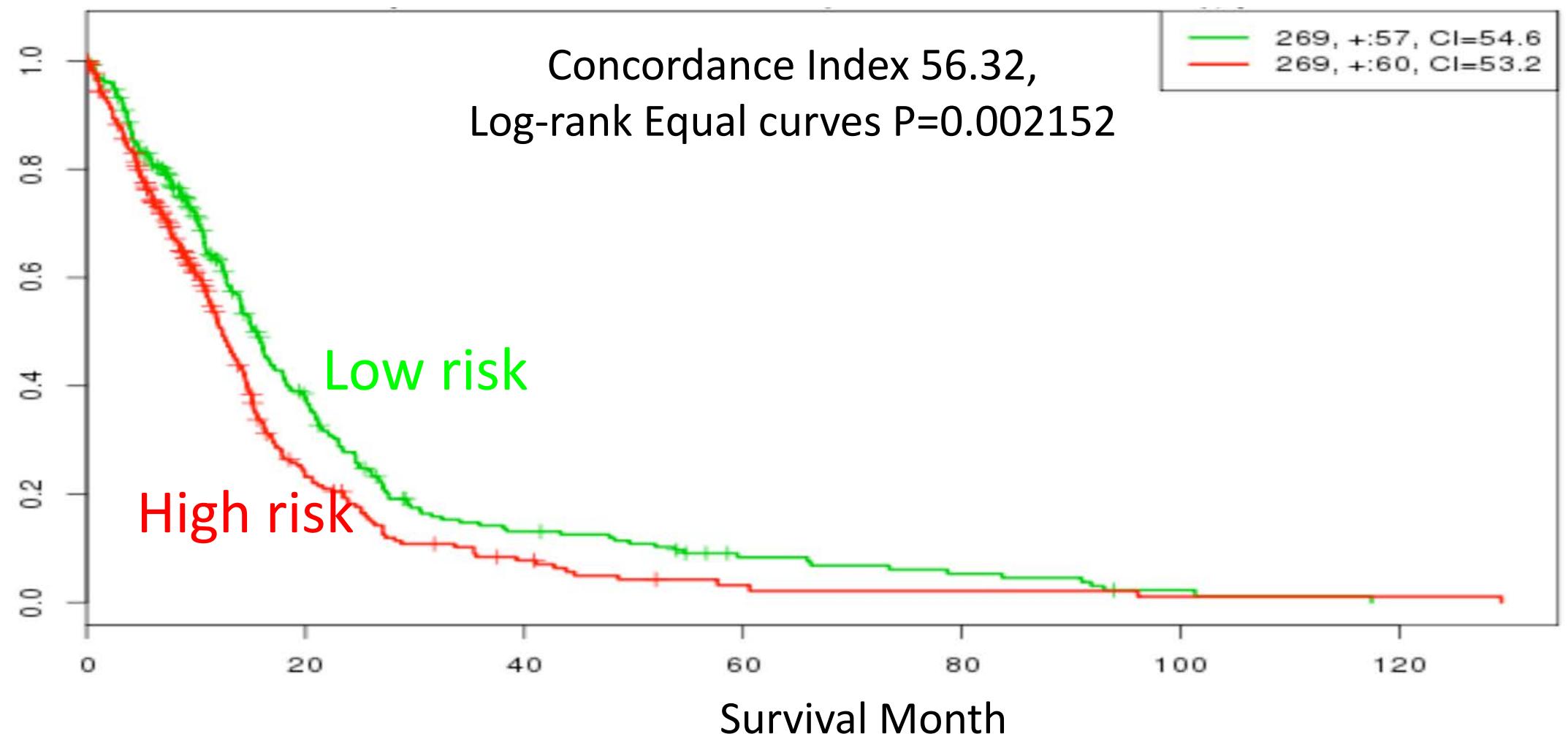


Figure S4B

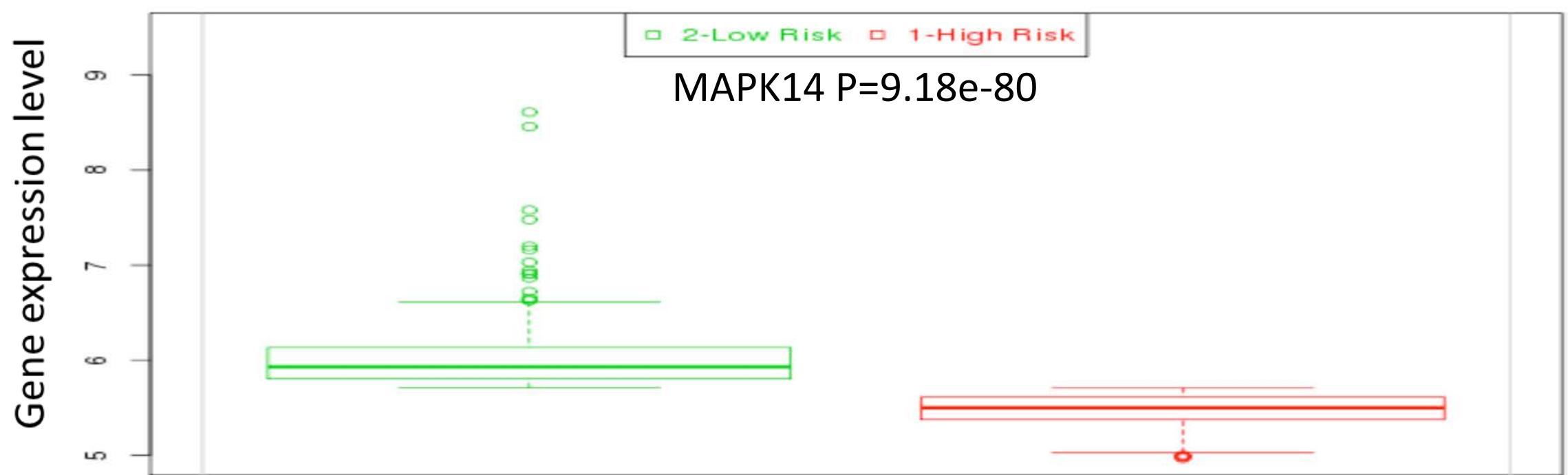
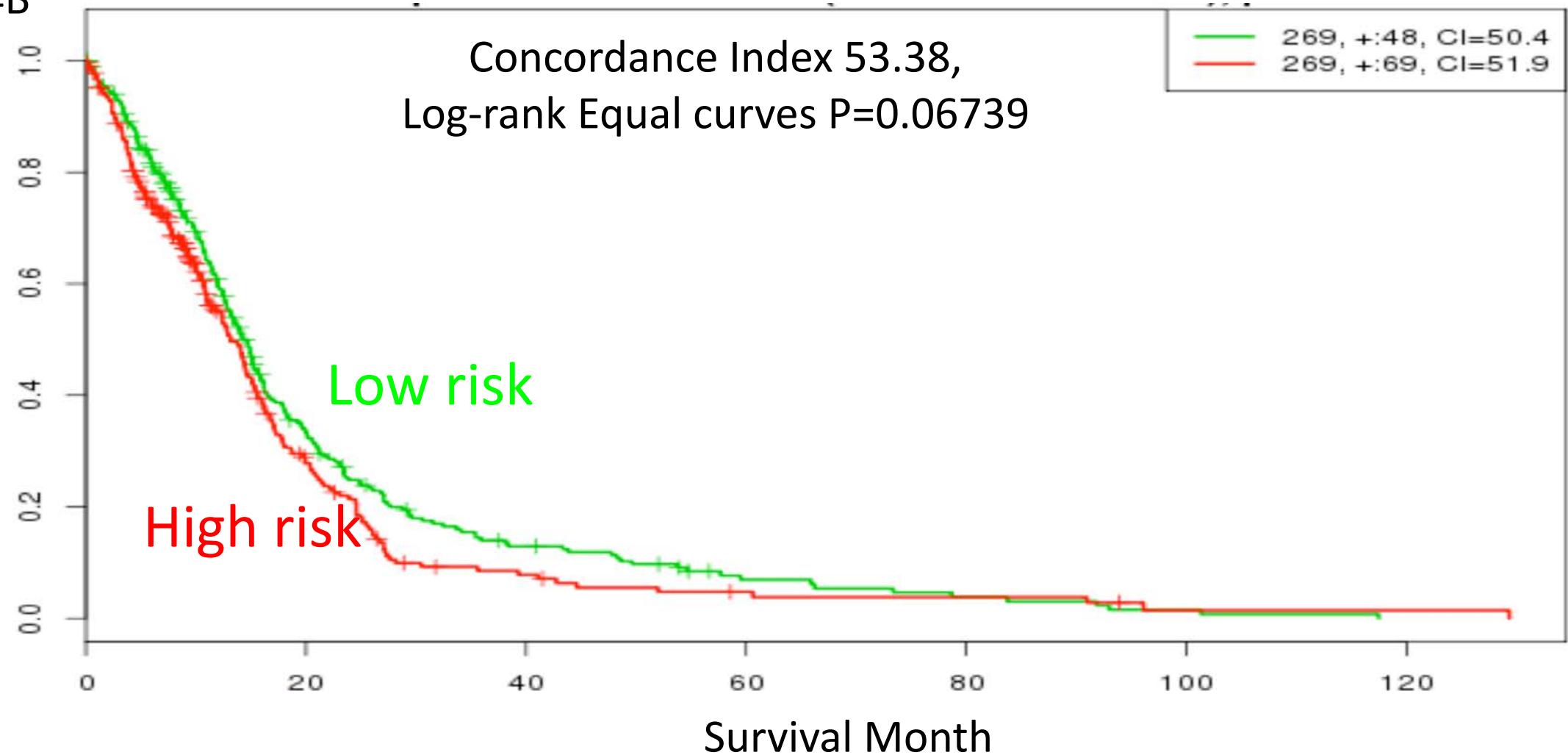


Figure S4C

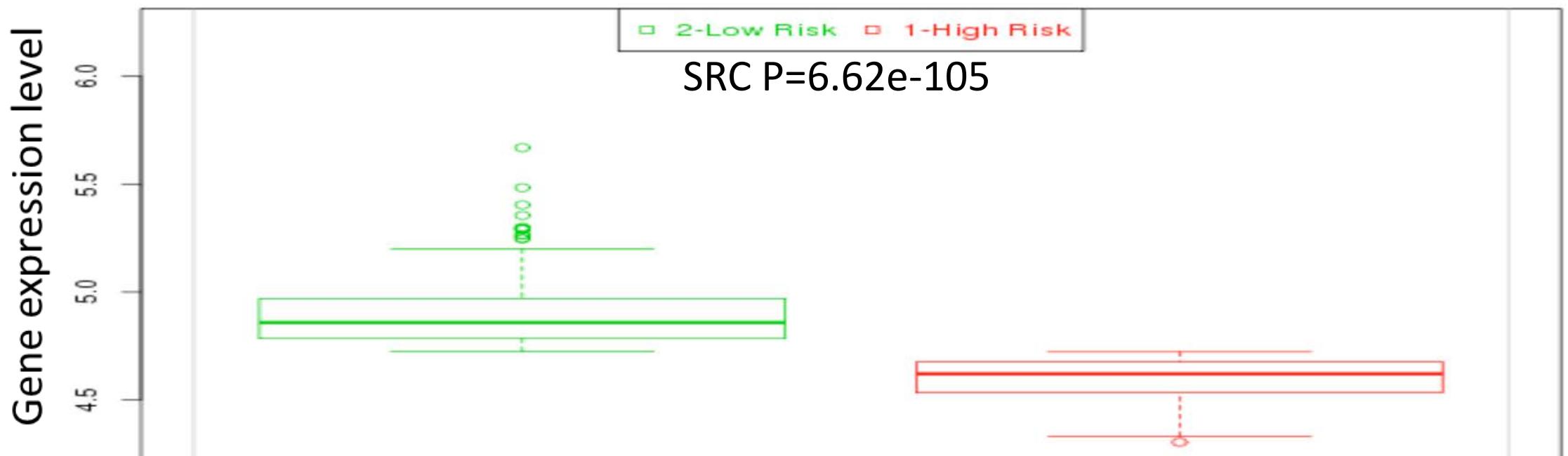
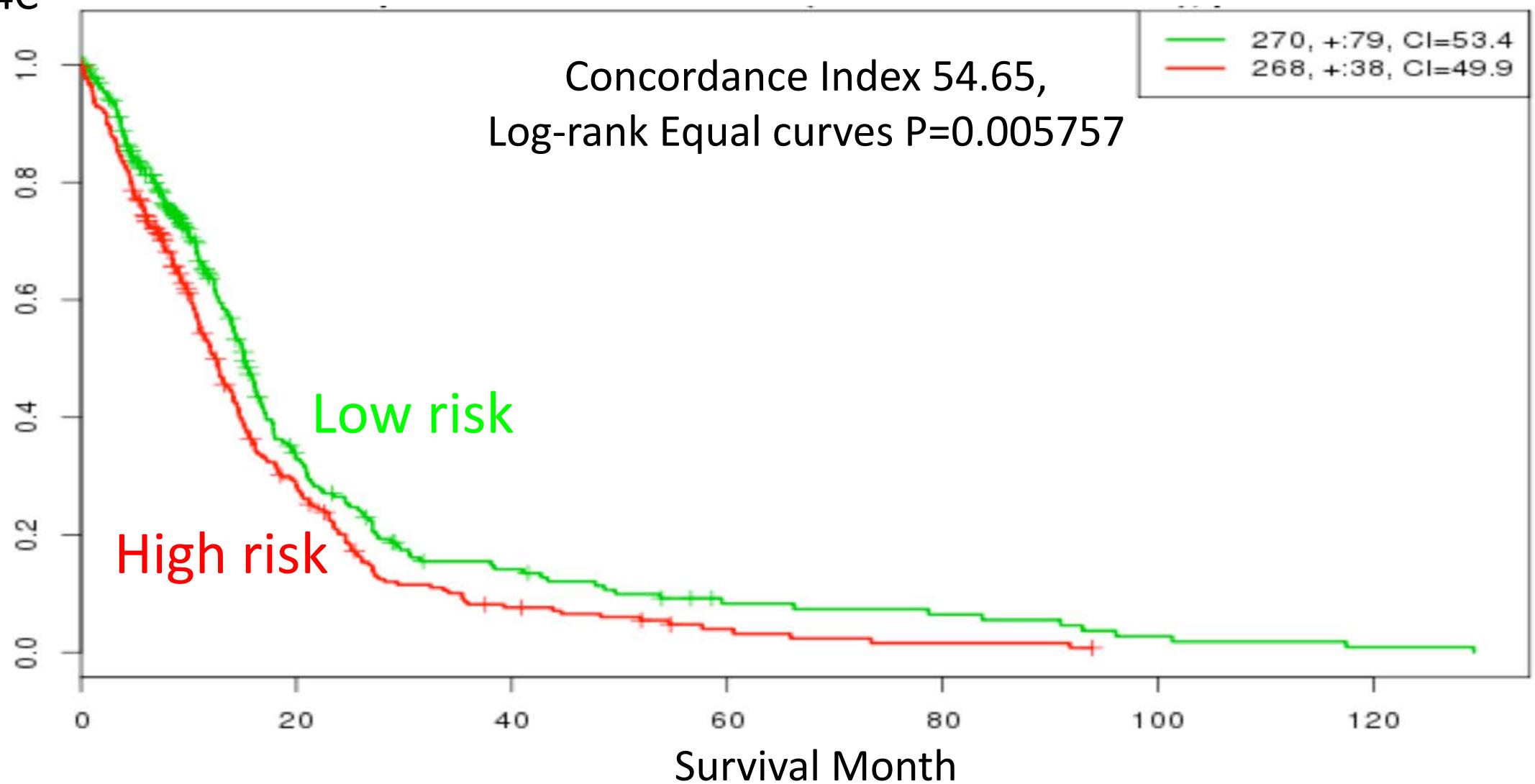


Figure S4D

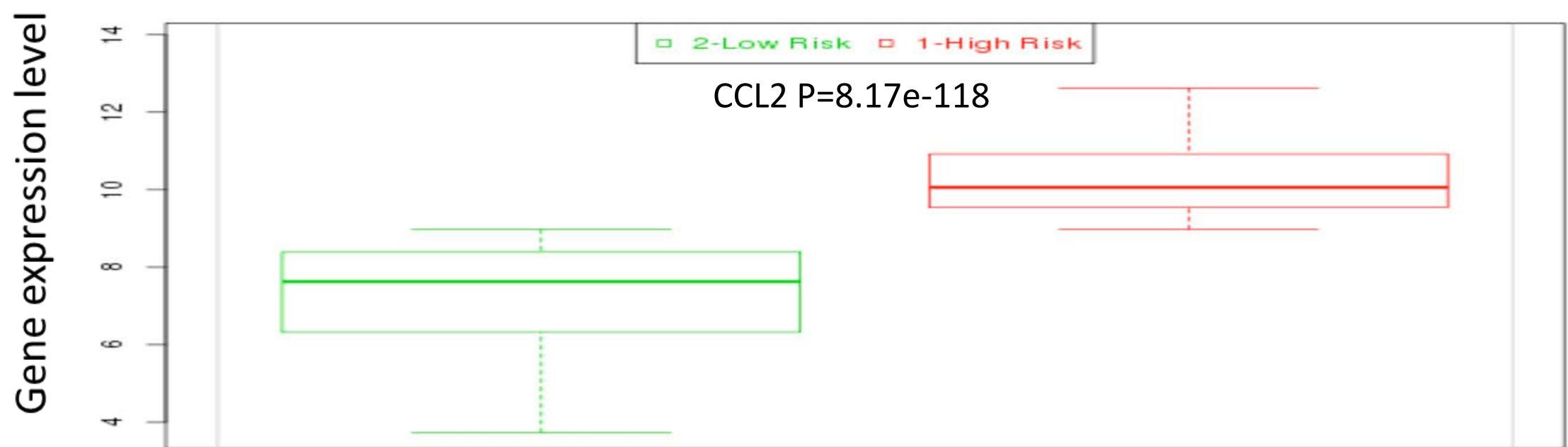
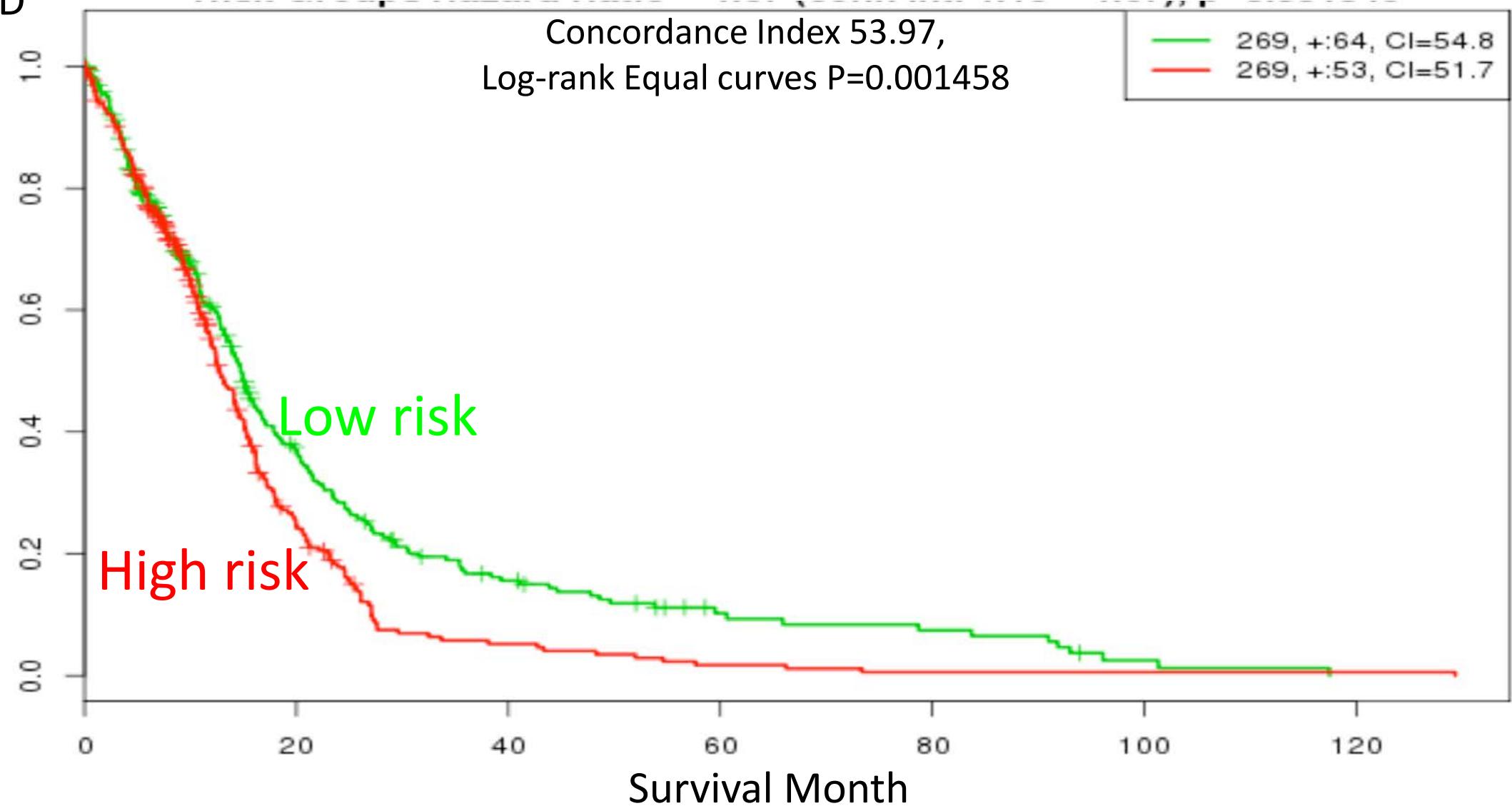
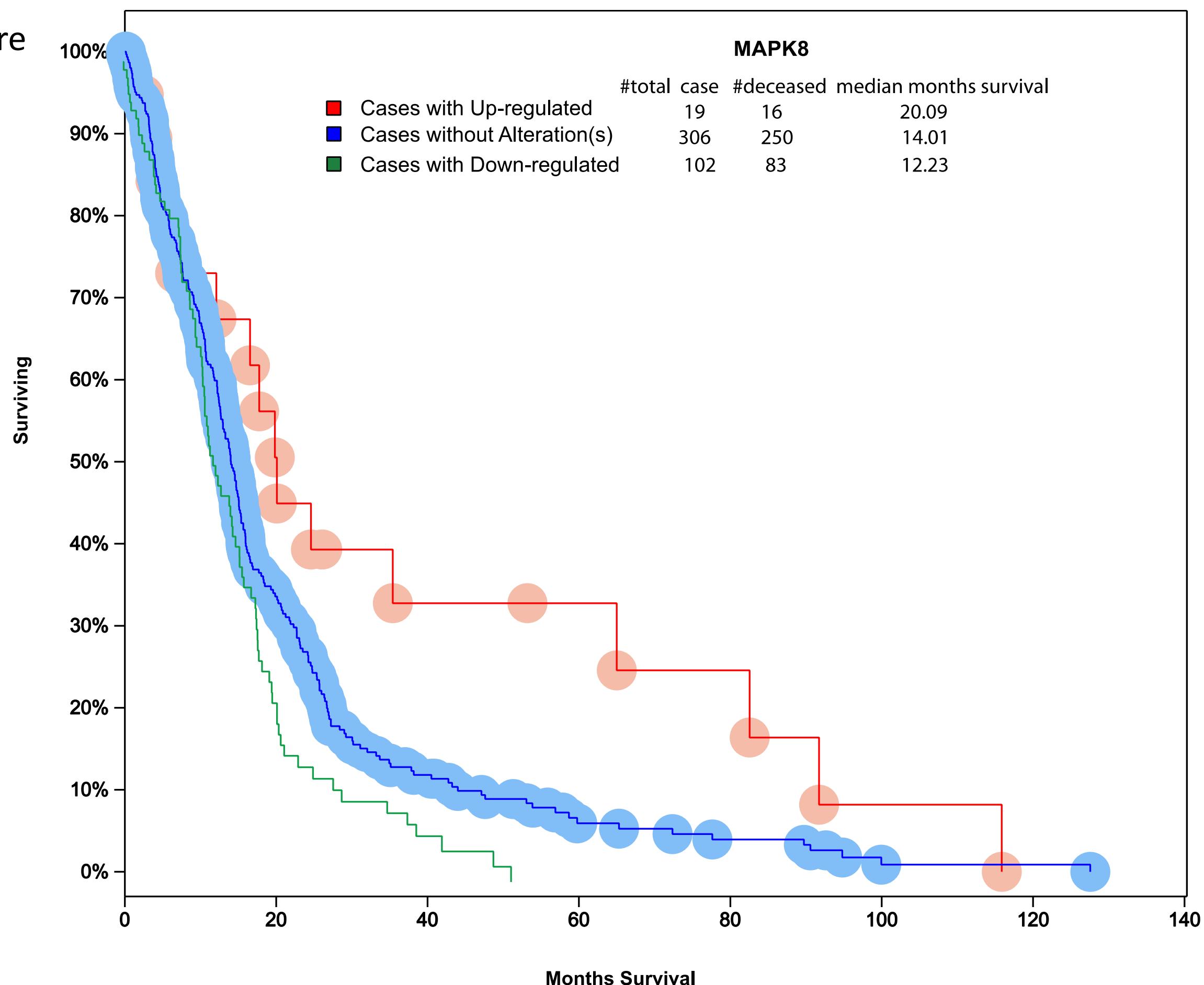


Figure  
S5A



**Figure S5B**

**MAPK8**

	#total case	#deceased	median months survival
Cases with Up-regulated	15	13	11.54
Cases without Alteration(s)	241	216	7.63
Cases with Down-regulated	74	67	4.80

Disease Free

0 10 20 30 40 50 60 70 80

Months Disease Free

100%

90%

80%

70%

60%

50%

40%

30%

20%

10%

0%

Cases with Up-regulated

Cases without Alteration(s)

Cases with Down-regulated

#total case #deceased median months survival

15 13 11.54

241 216 7.63

74 67 4.80

Figure  
S5C

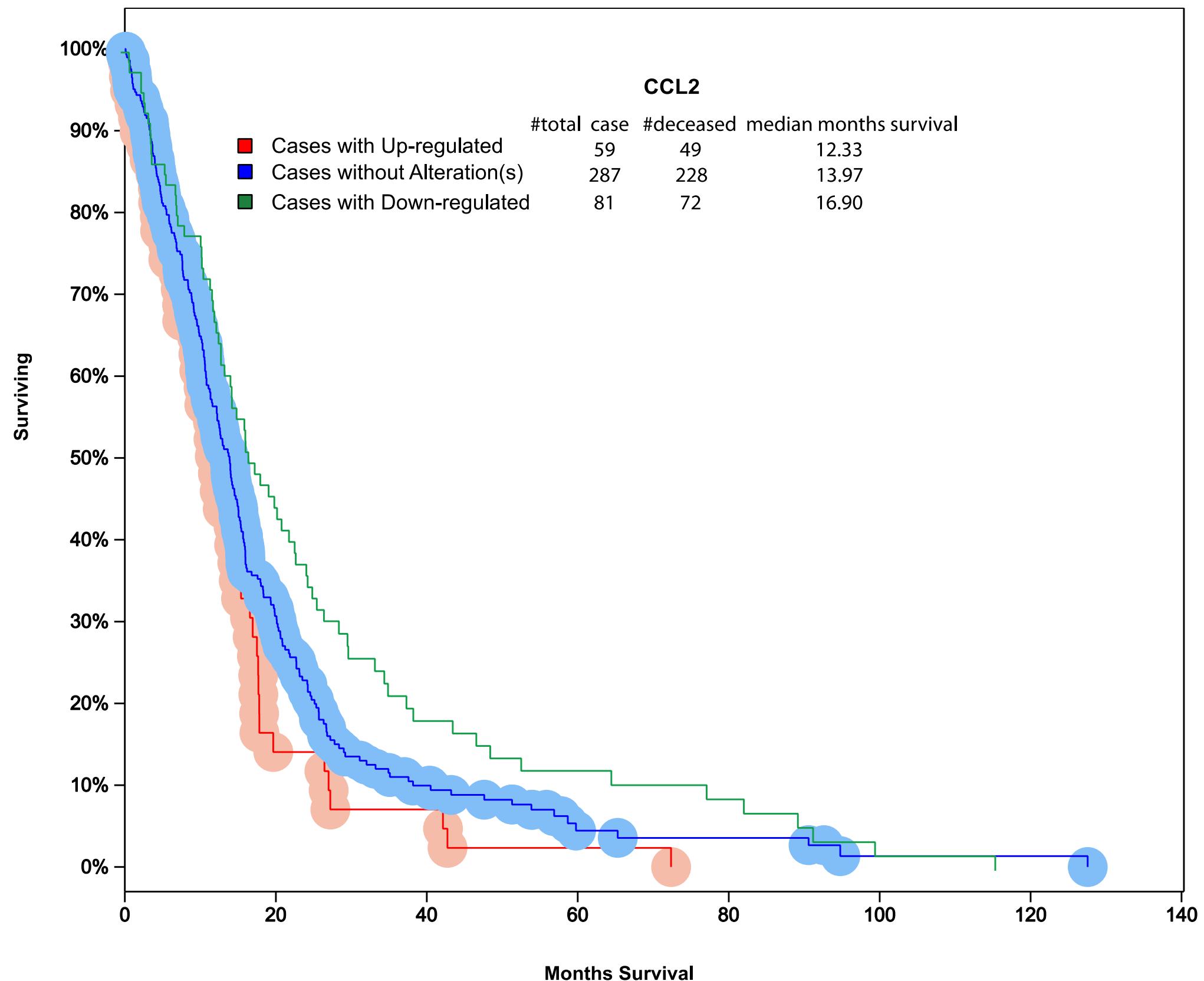


Figure  
S5D

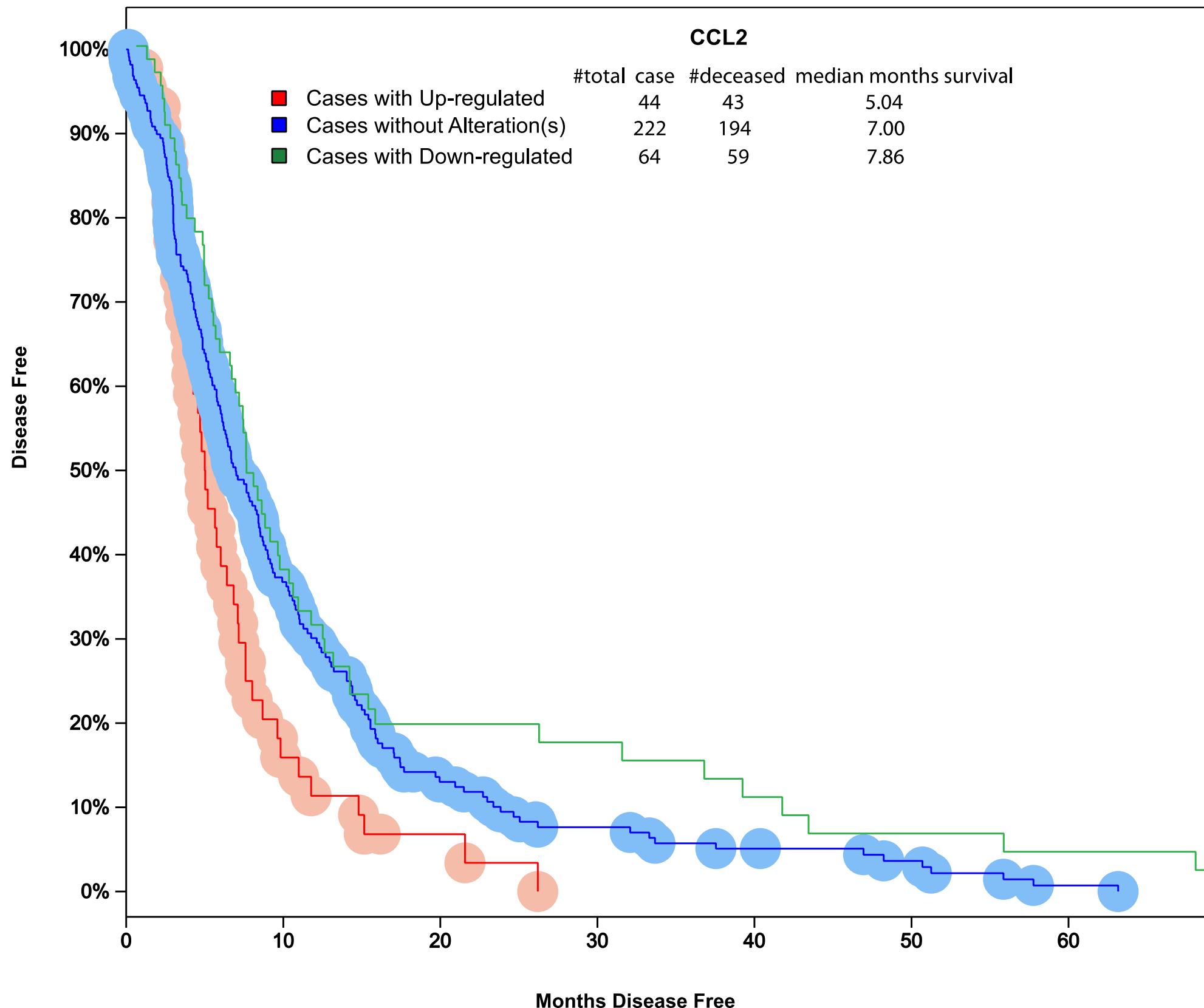


Figure  
S5E

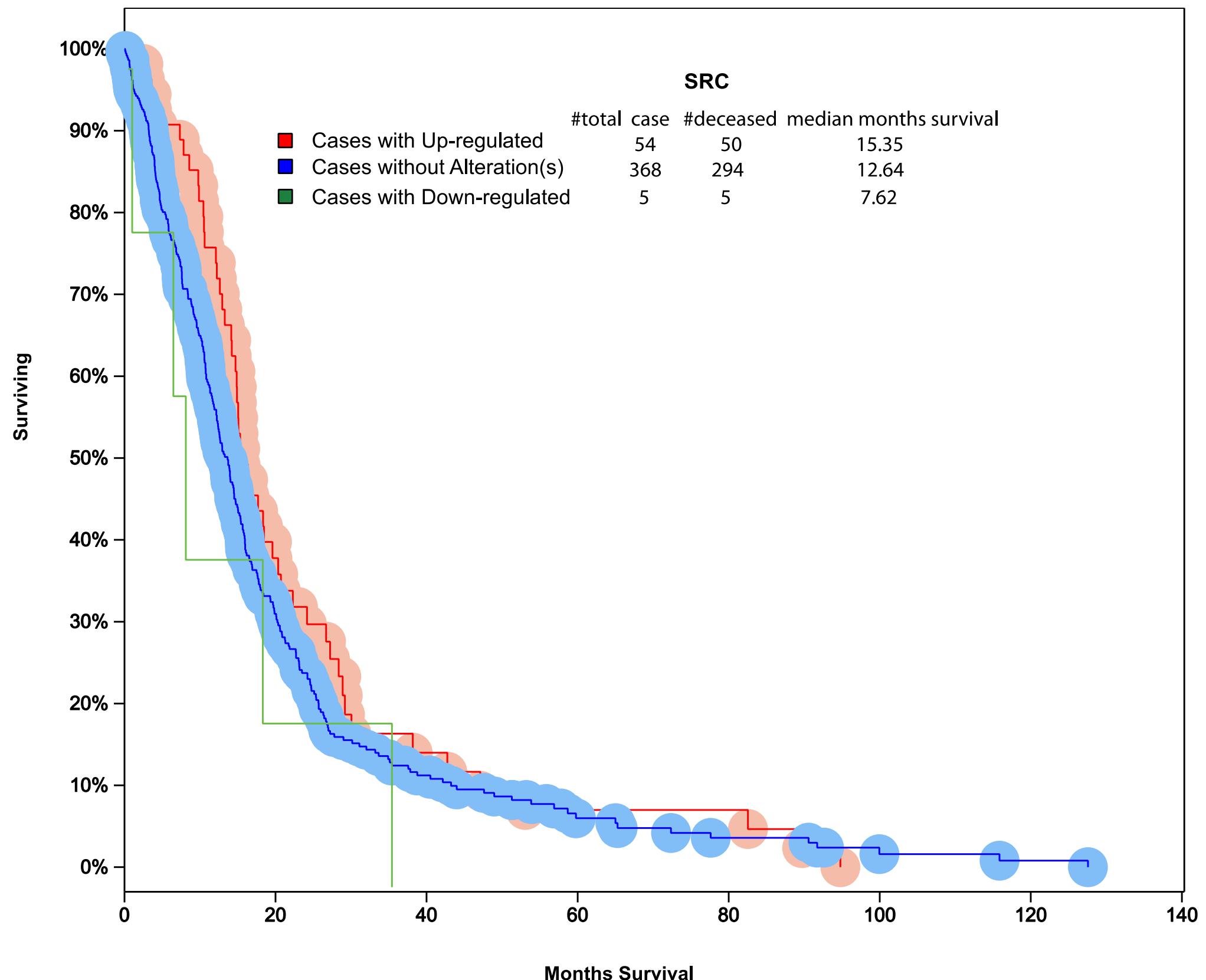


Figure  
S5F

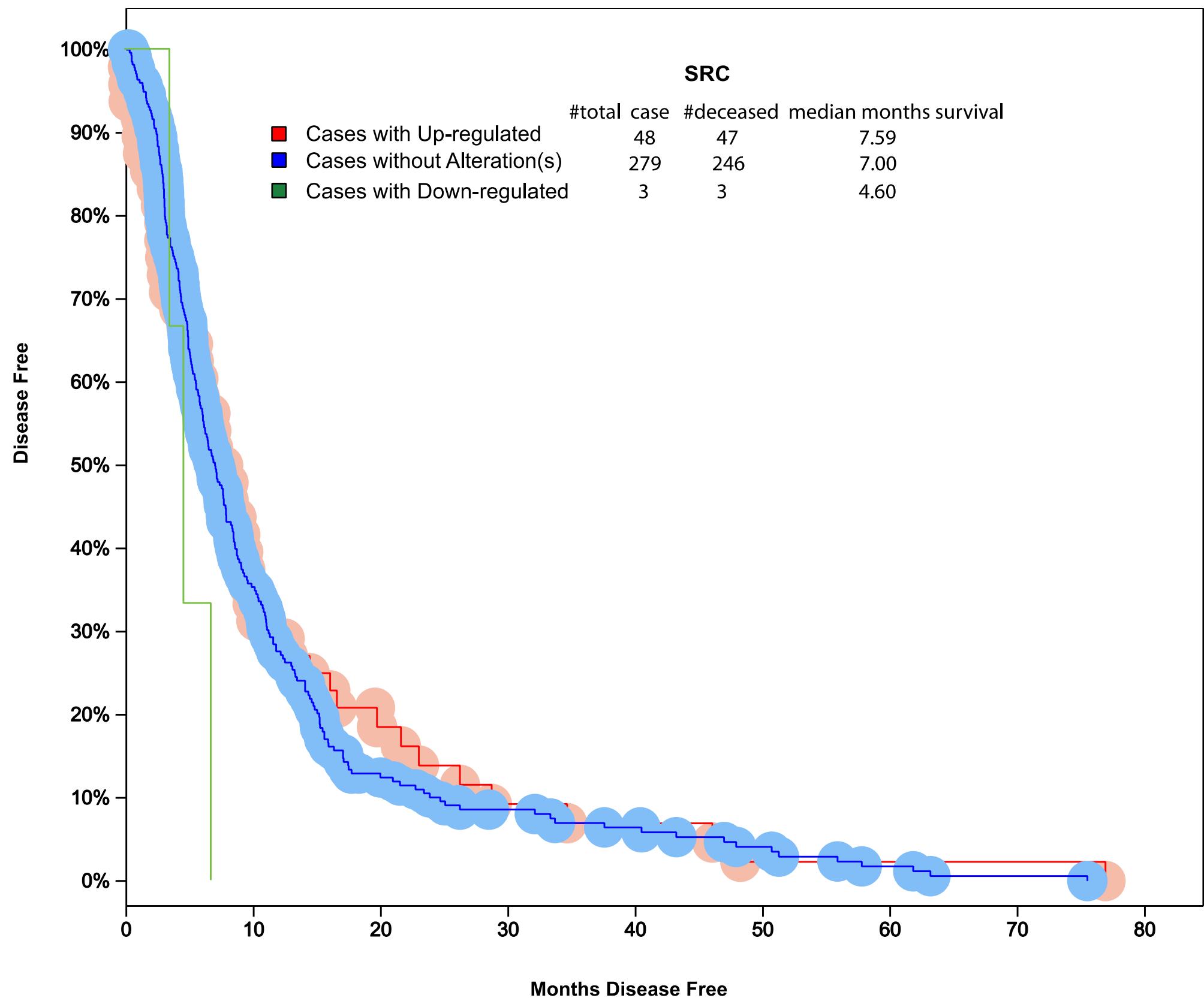


Figure  
S5G

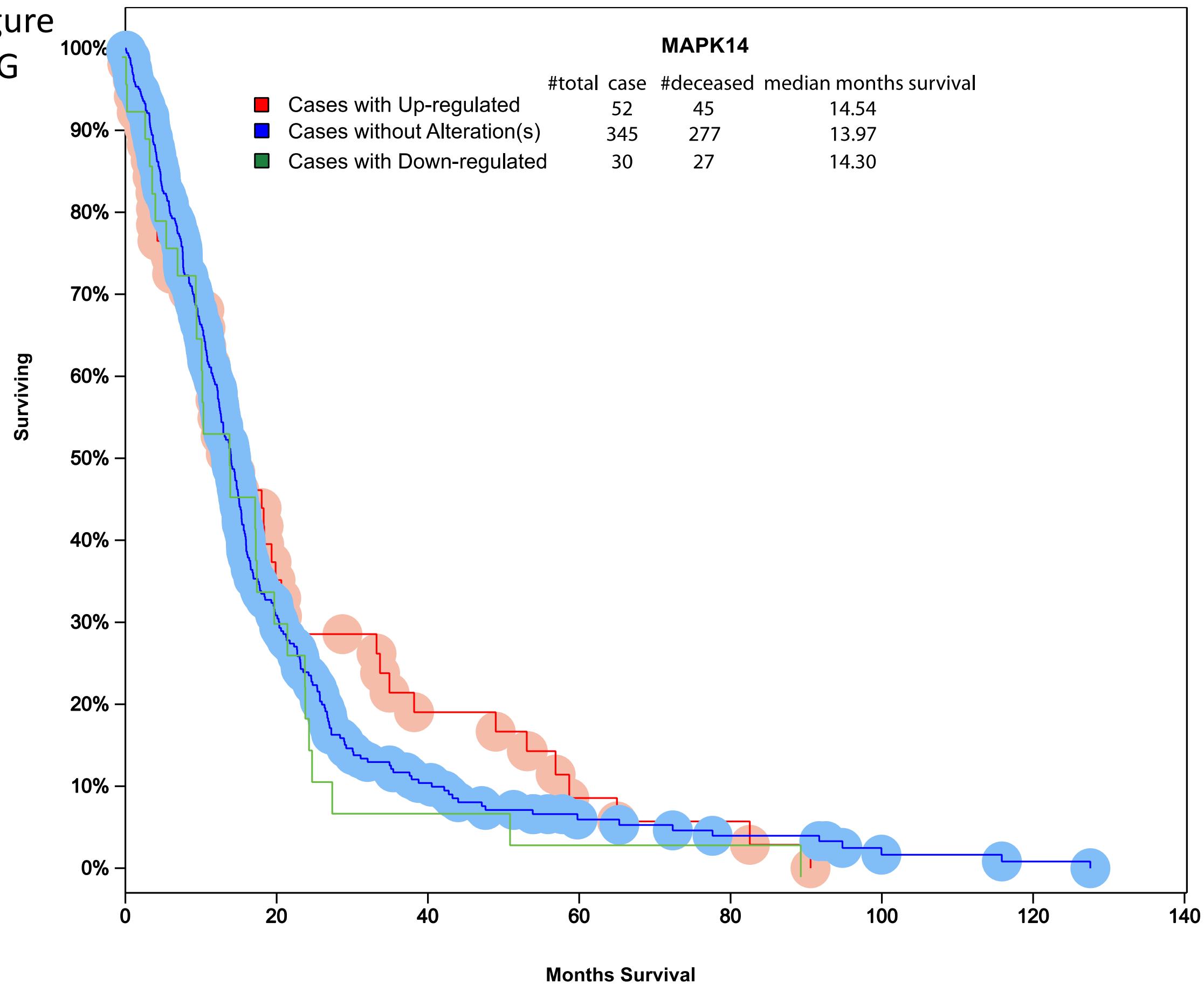
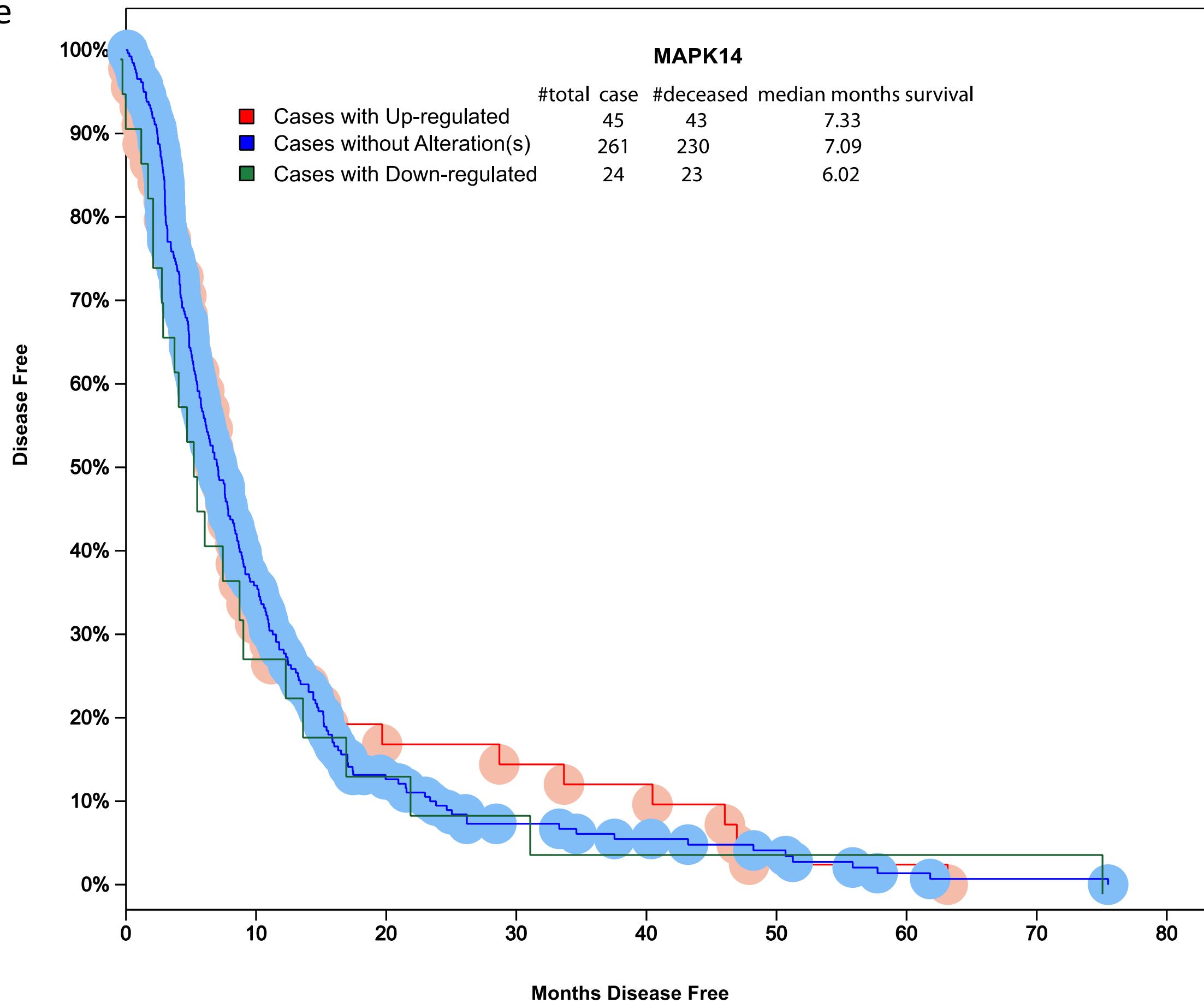


Figure  
S5H



# Zoomed Figures

## FIGURE S1A

# GBM1

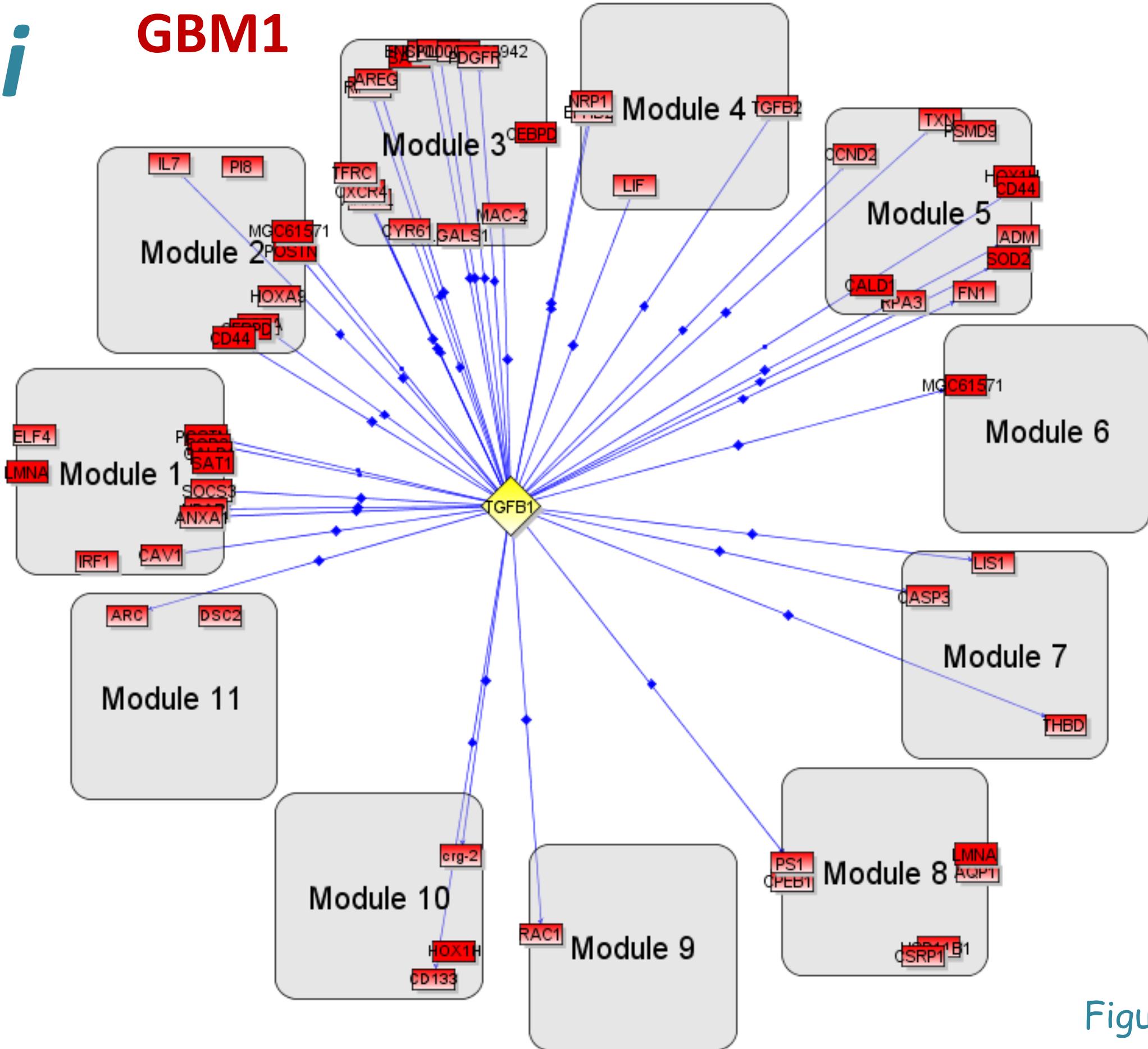


Figure S1A, i.

*ii*

# GBM1

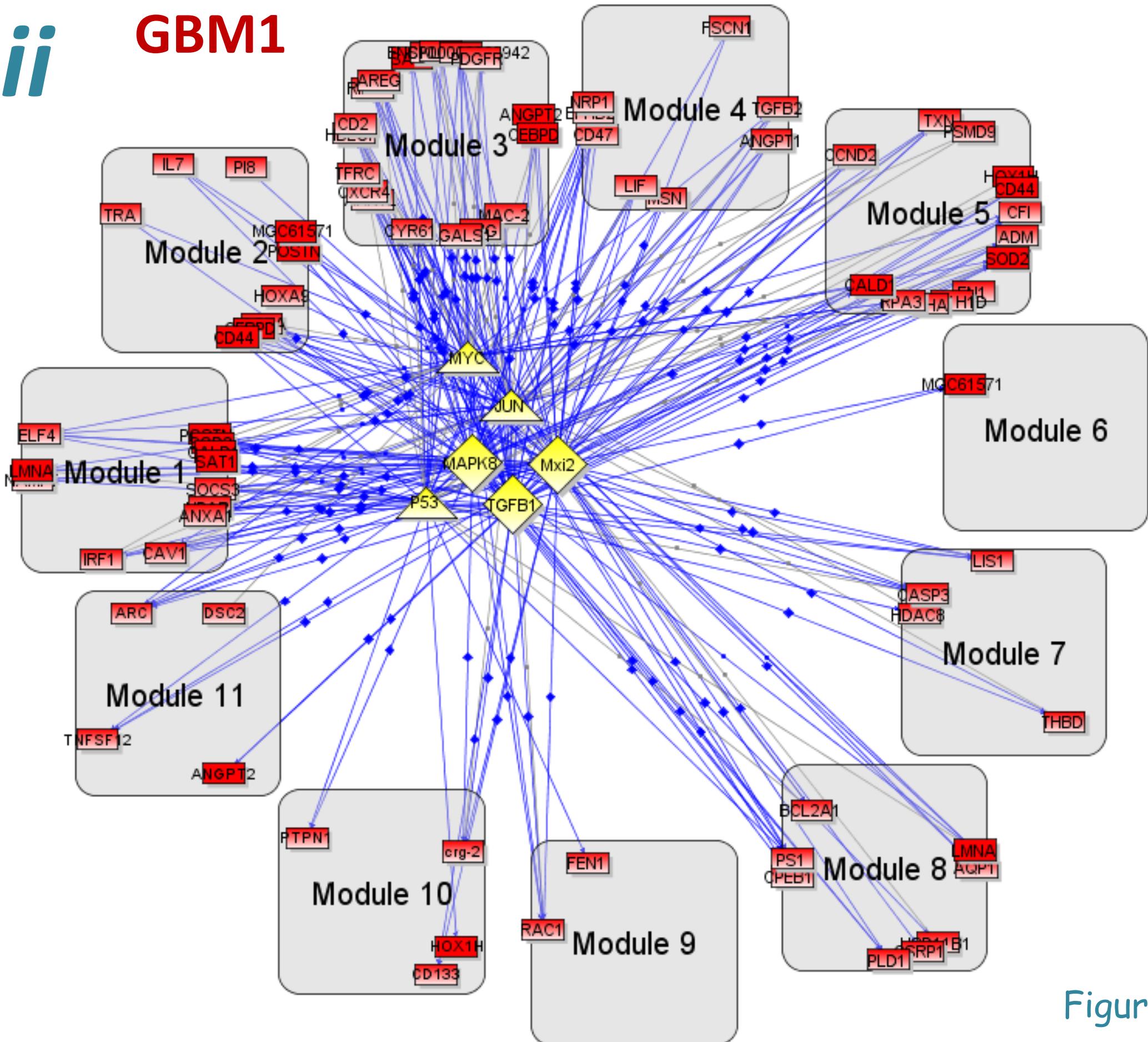


Figure S1A, *ii*.

# GBM1

iii

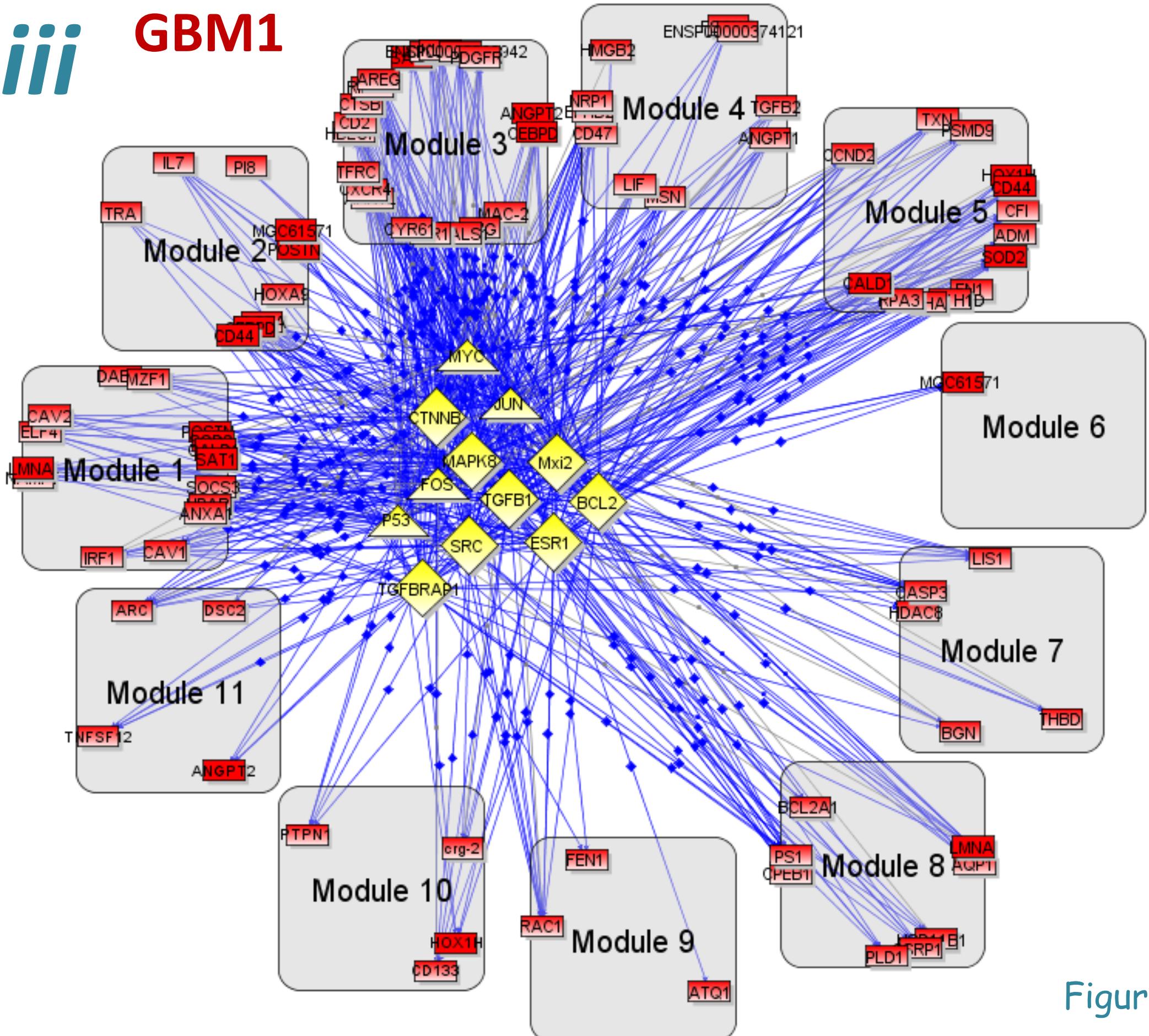


Figure S1A, iii.

iv

## GBM1

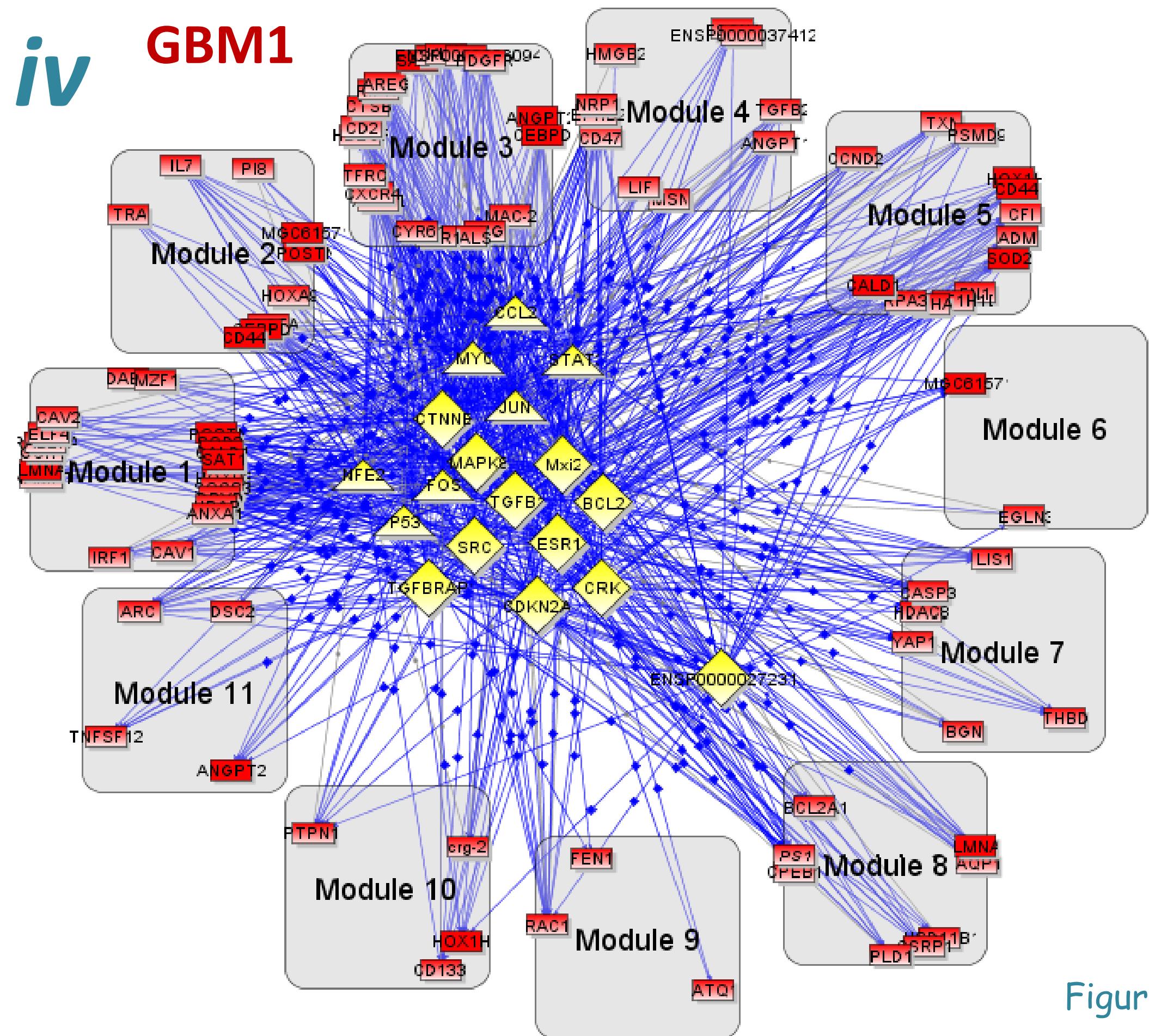


Figure S1A, iv

# GBM1

V

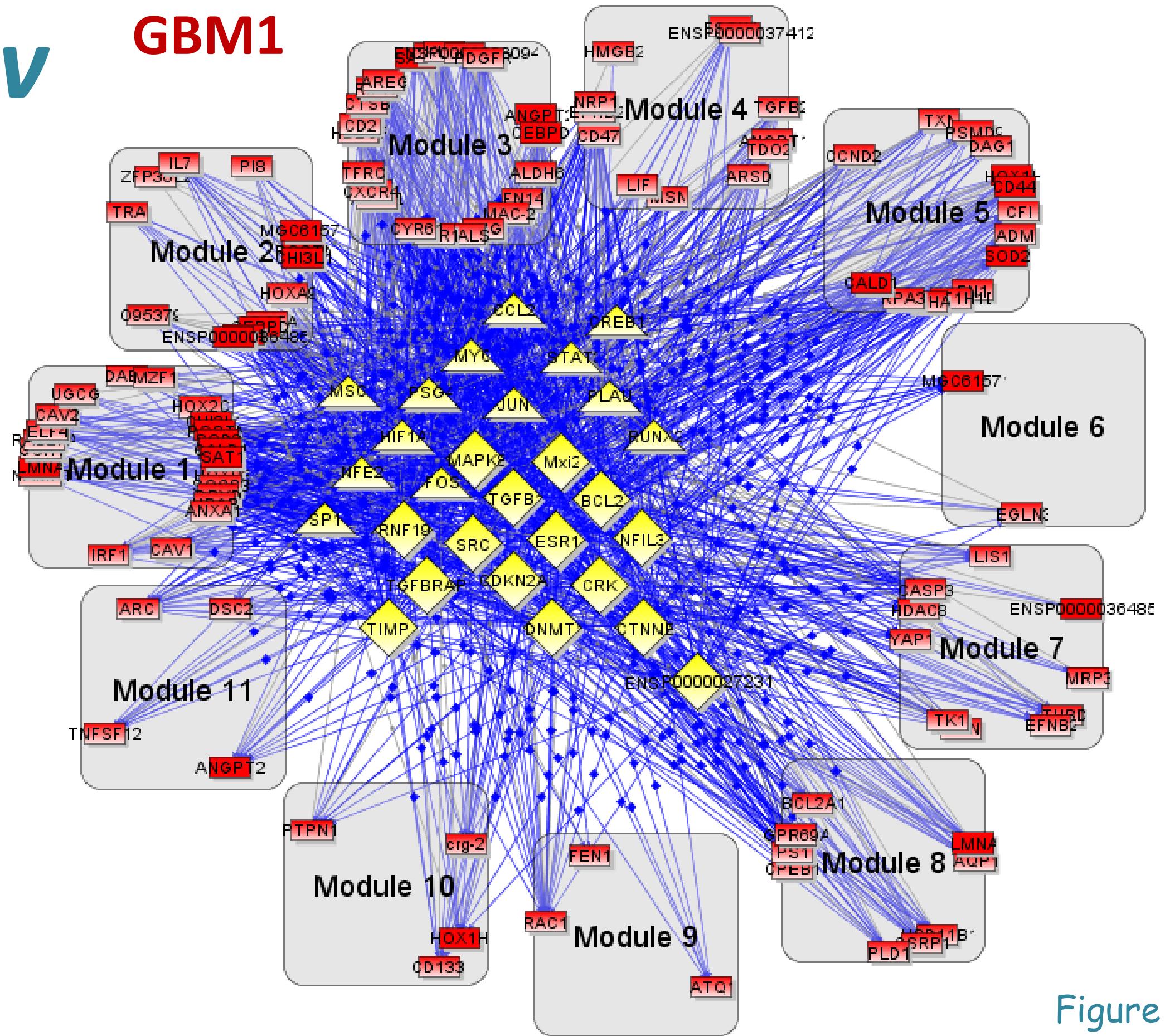


Figure S1A, v

vi

## GBM1

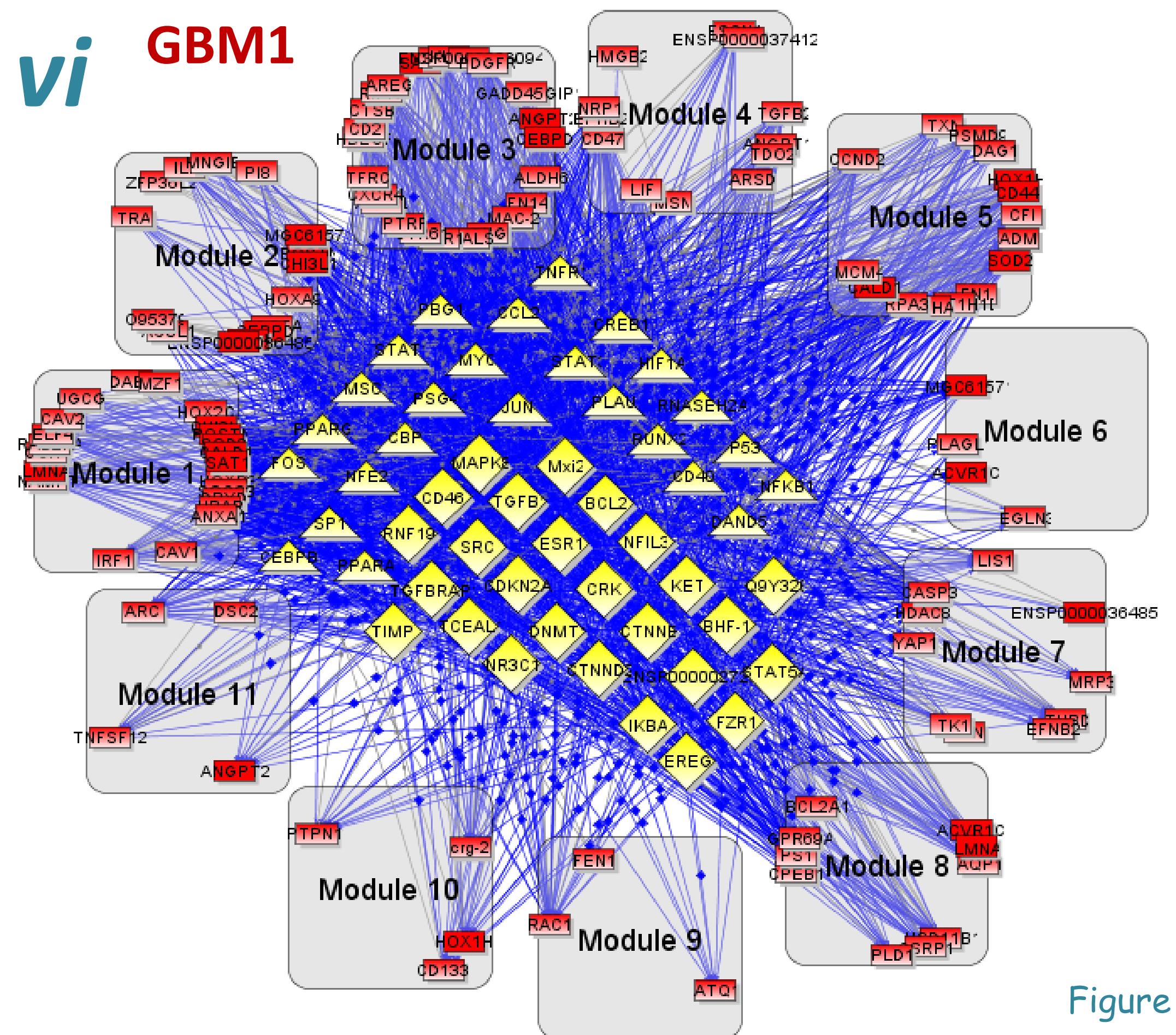


Figure S1A, vi

# Zoomed Figures

## FIGURE S1B

# GBM2

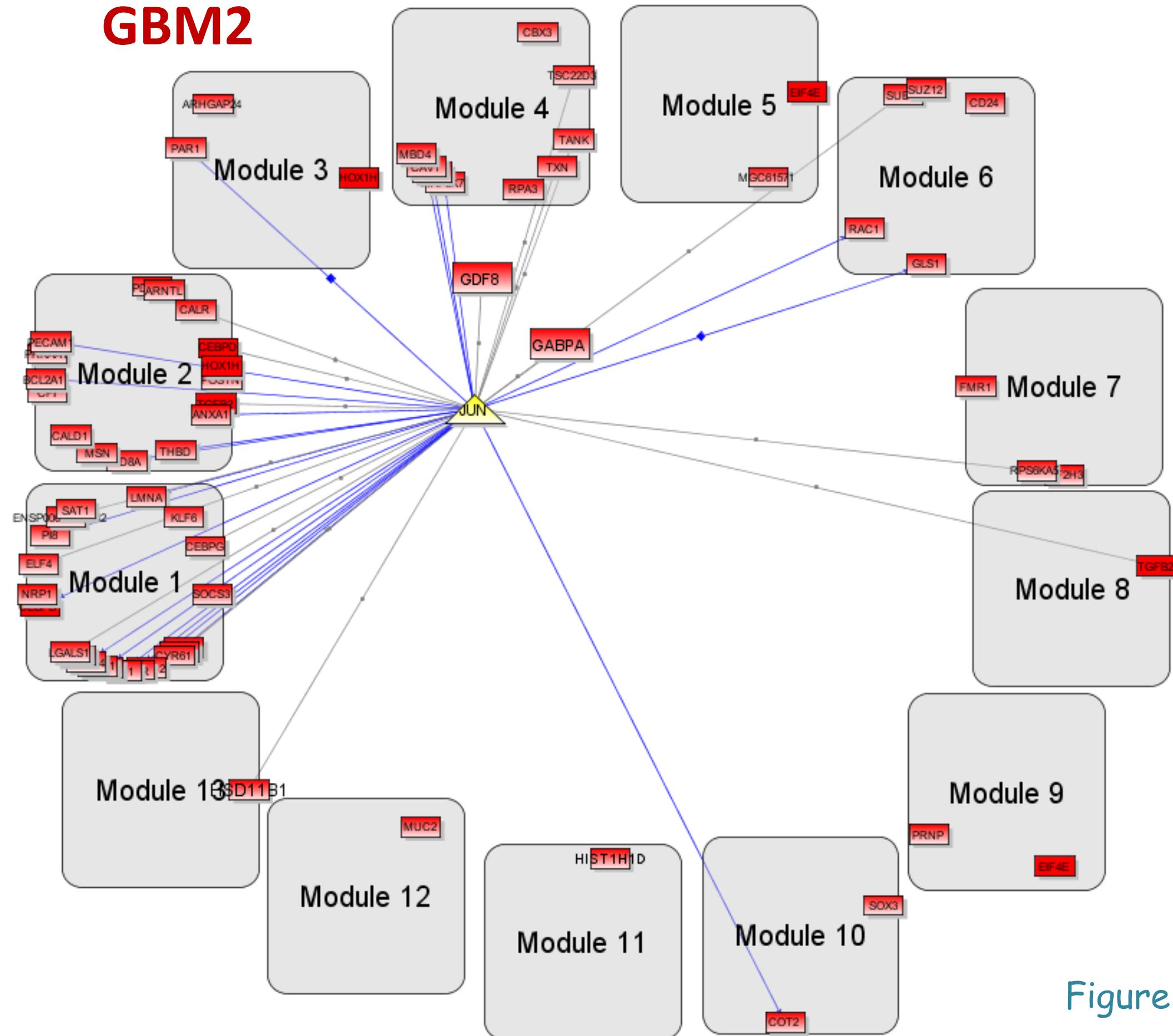


Figure S1B, i.

# GBM2

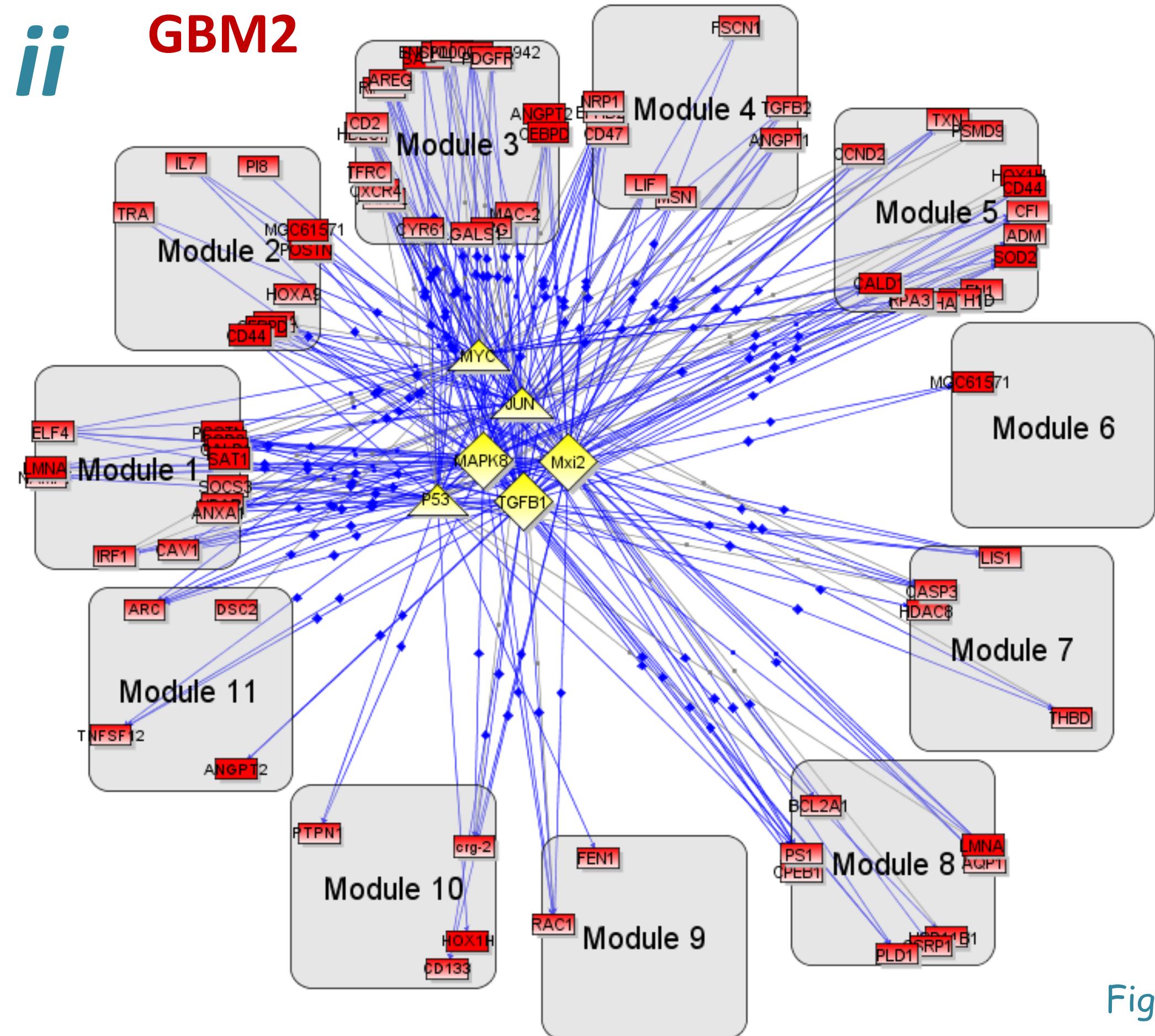


Figure S1B, ii.

*iii*

# GBM2

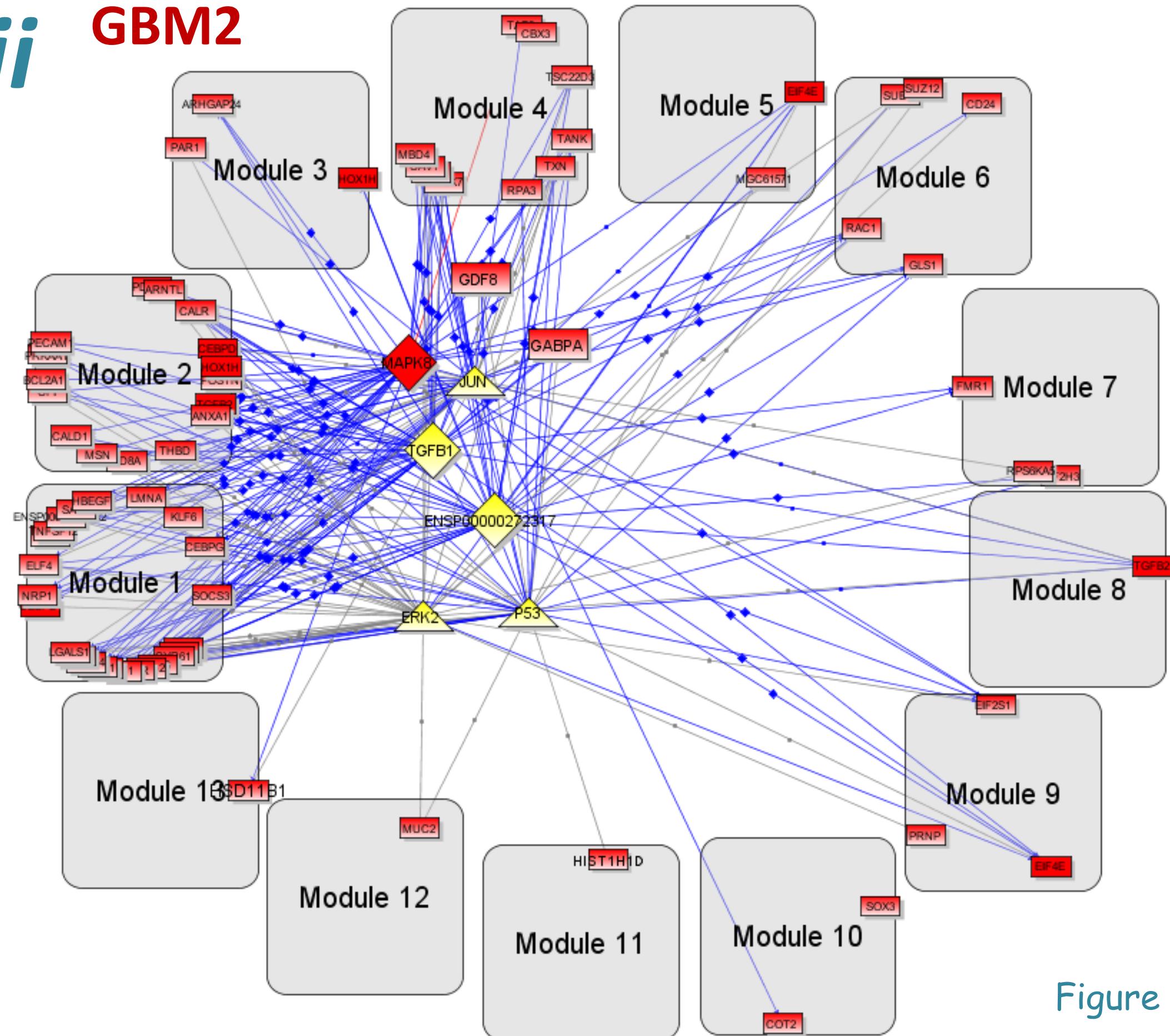
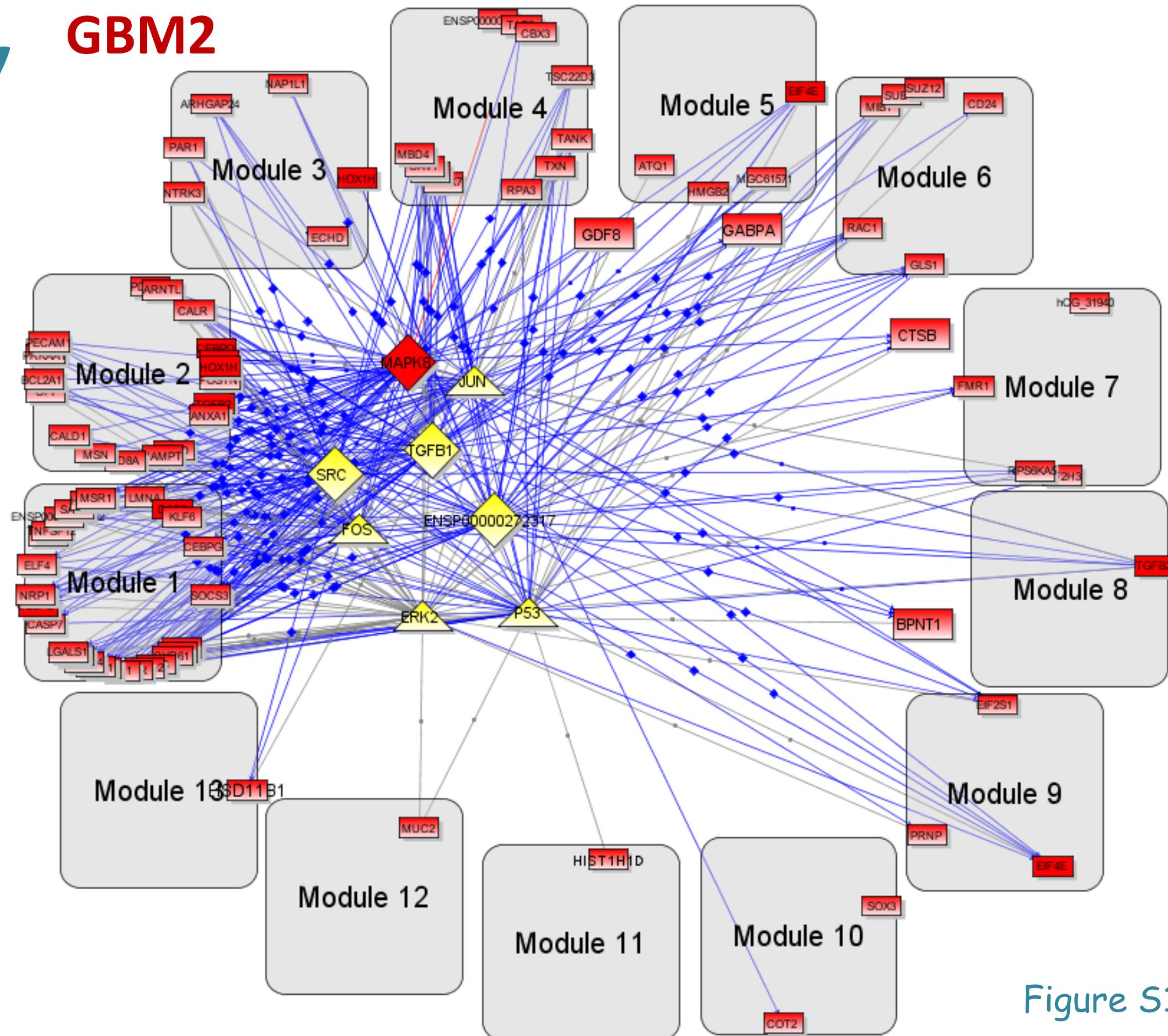


Figure S1B, *iii*.

## GBM2



# GBM2

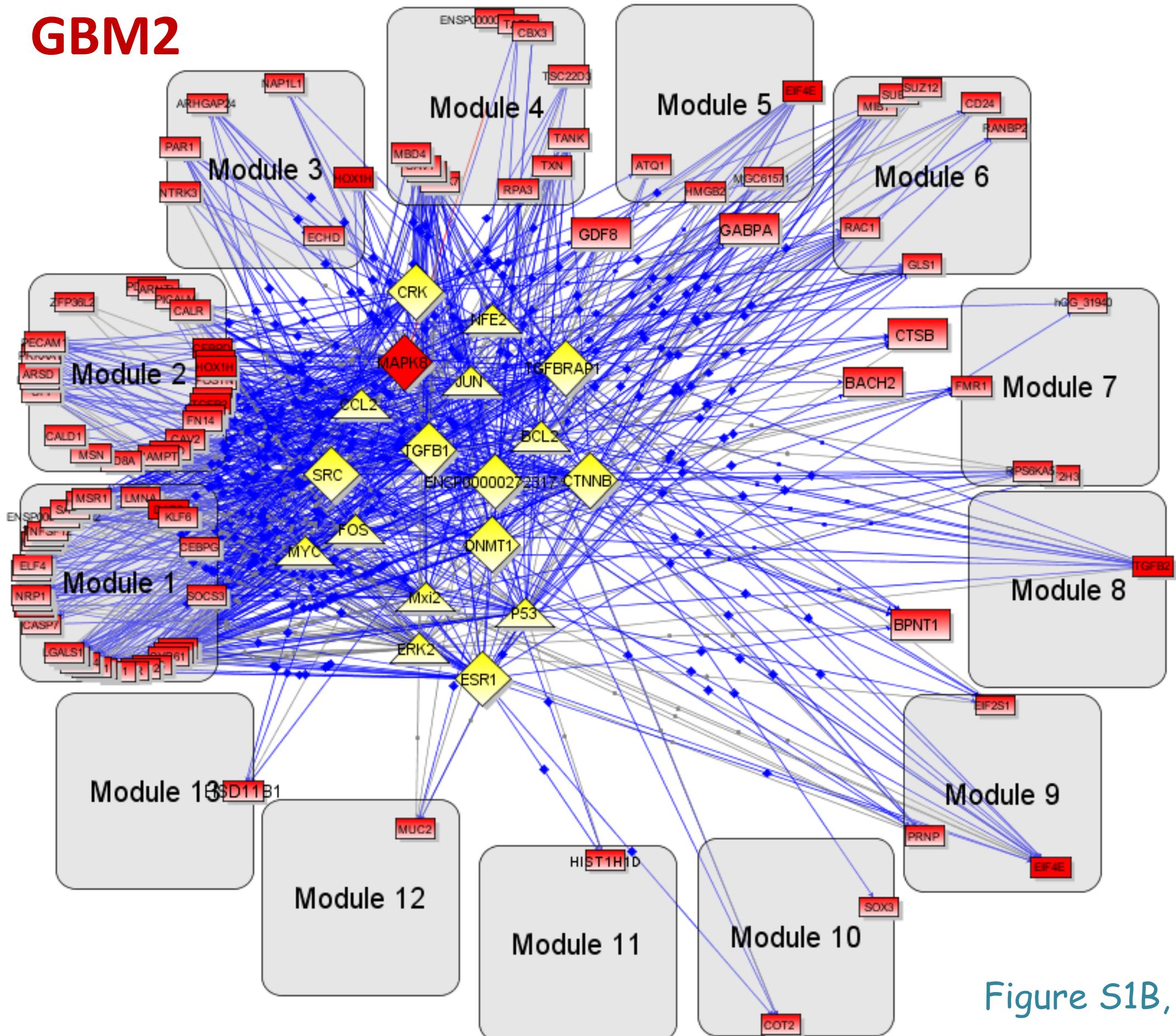


Figure S1B, v

## GBM2

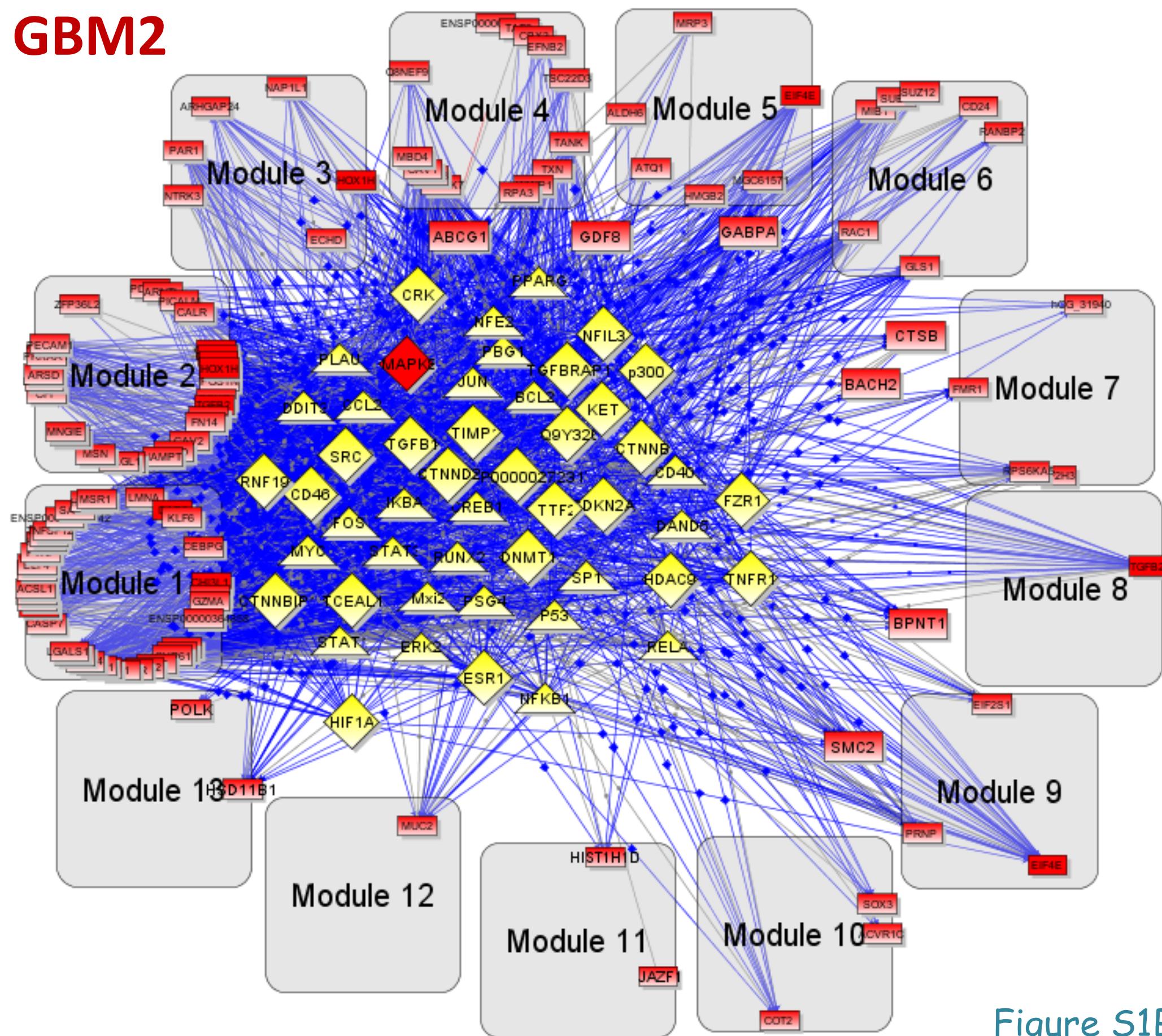


Figure S1B, vi