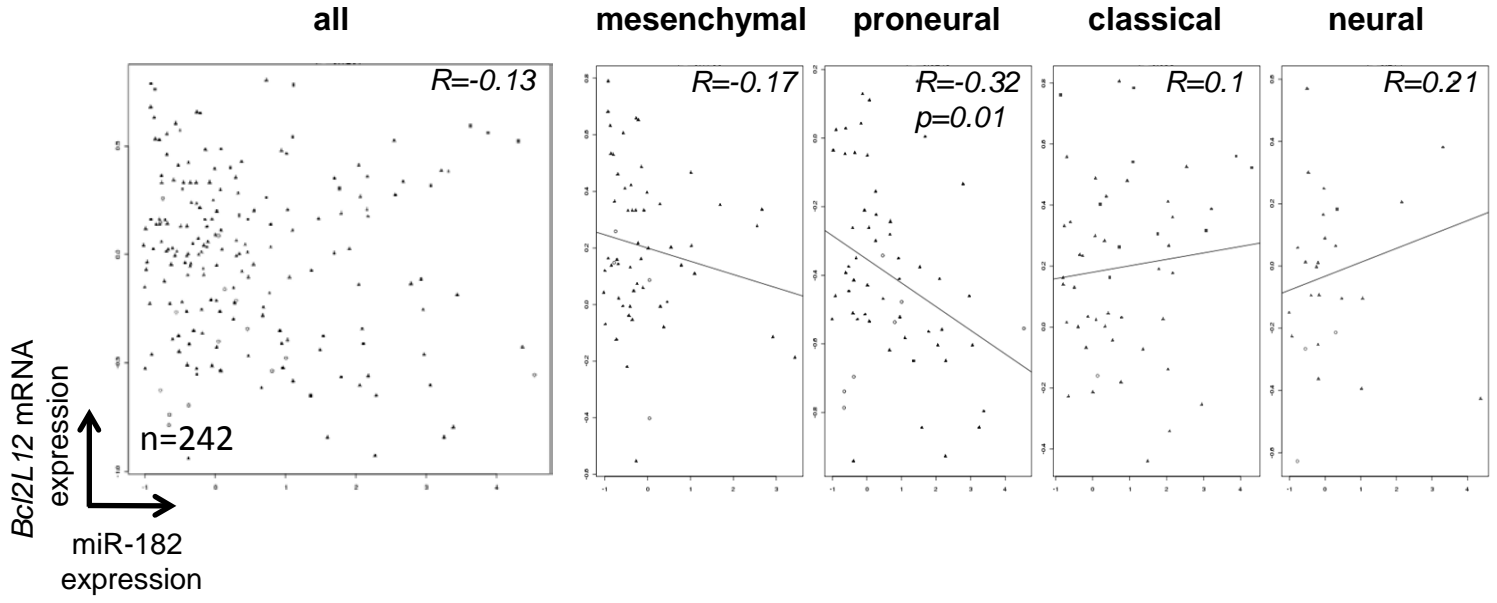
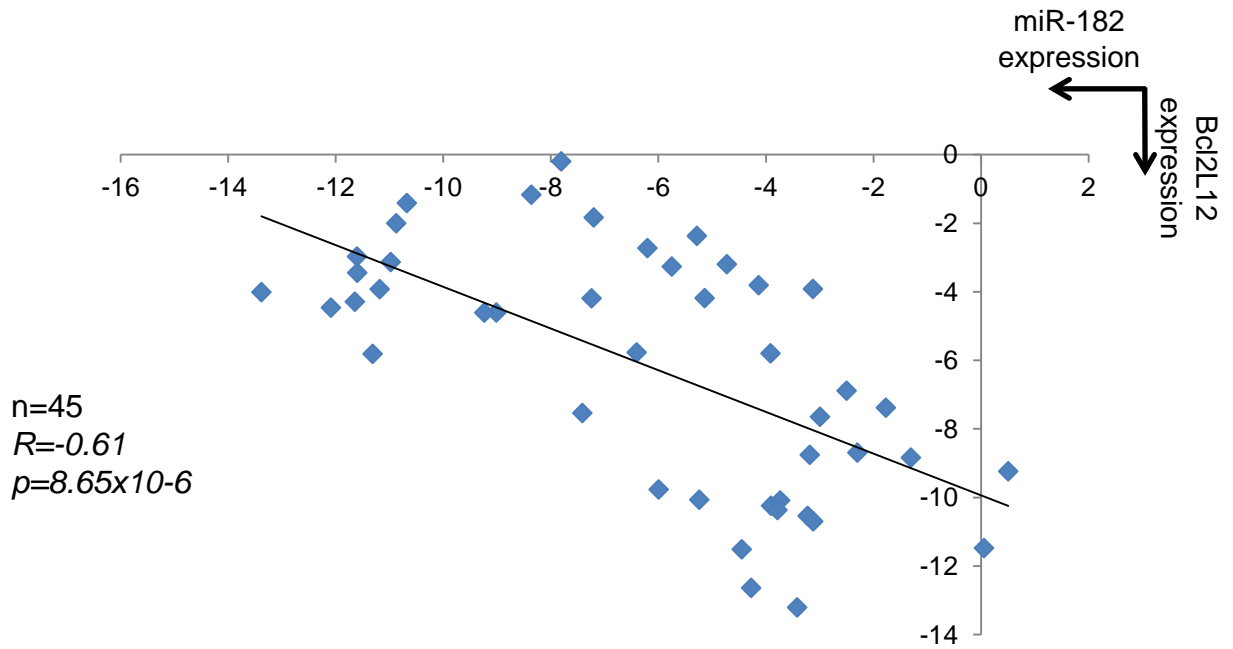


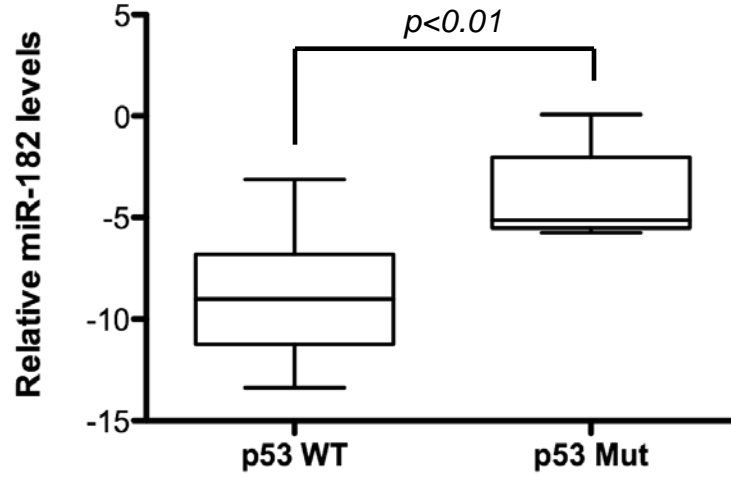
A



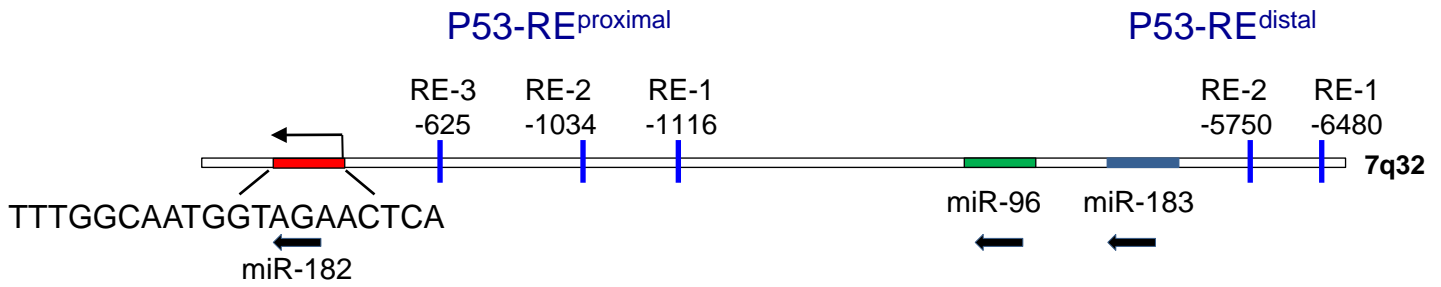
B



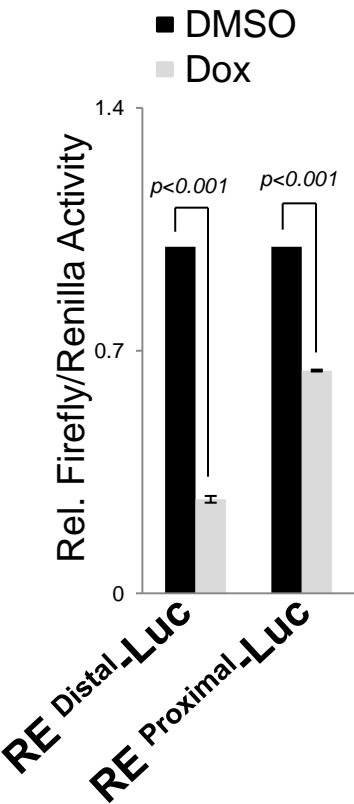
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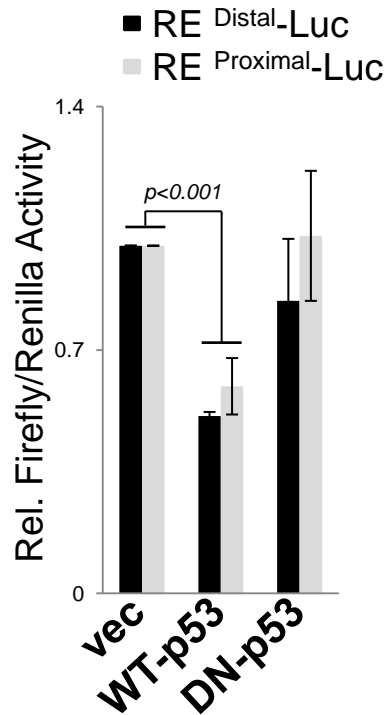
B



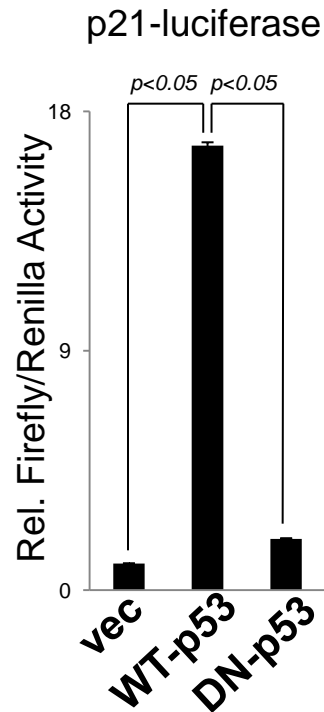
C



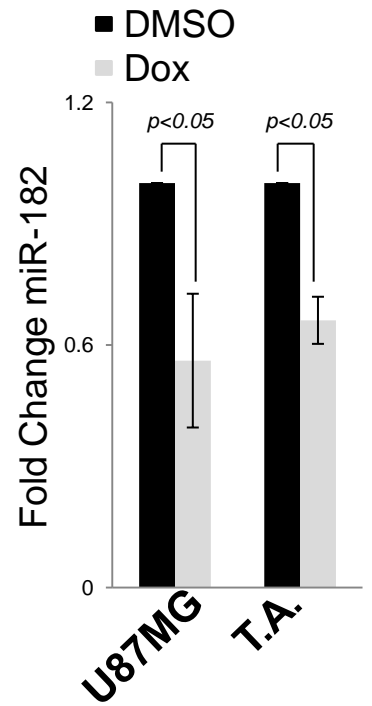
D



E

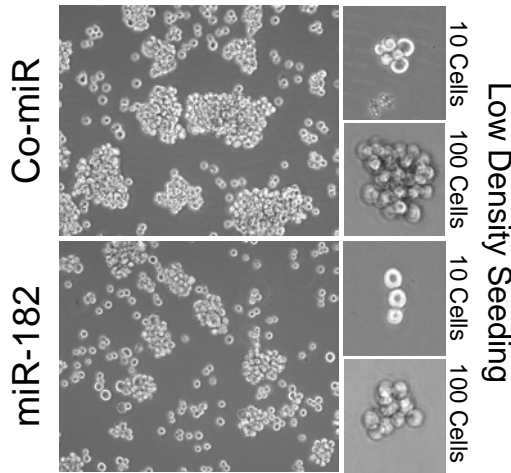


F

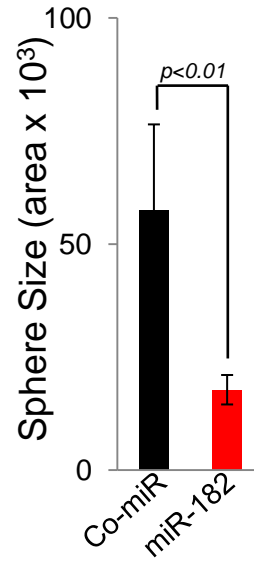


GIC-20

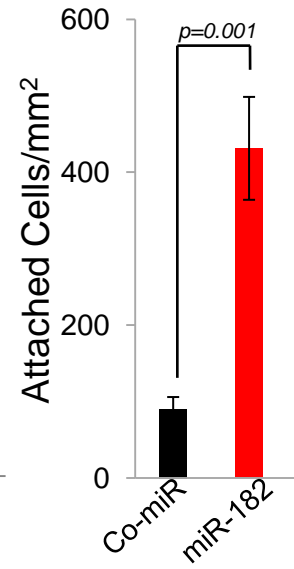
A



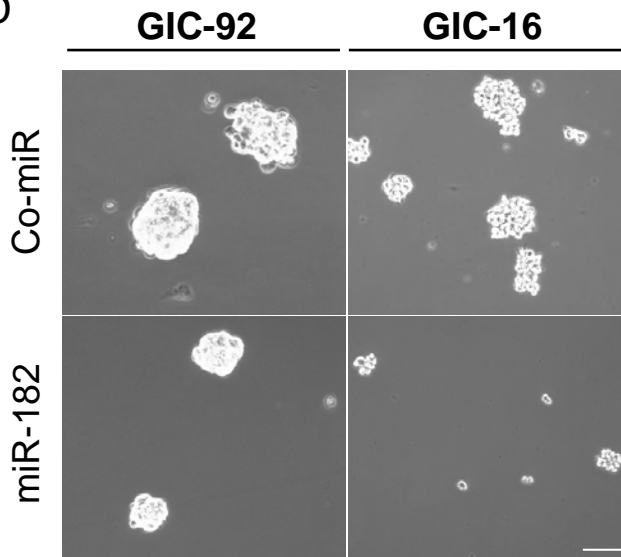
B



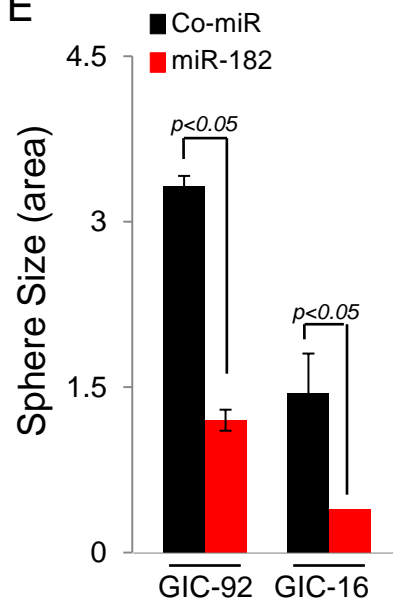
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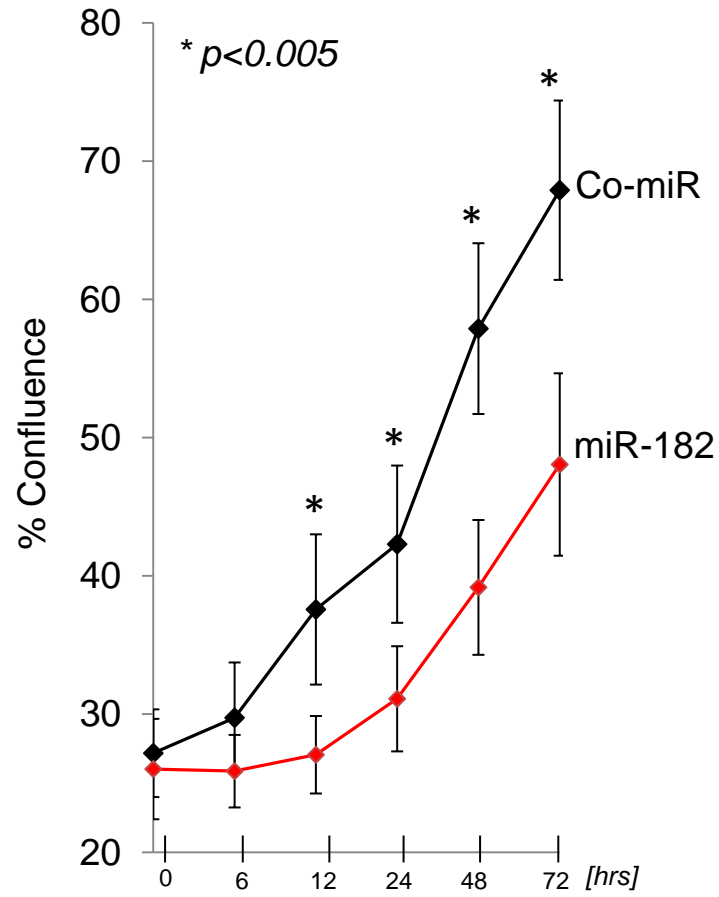
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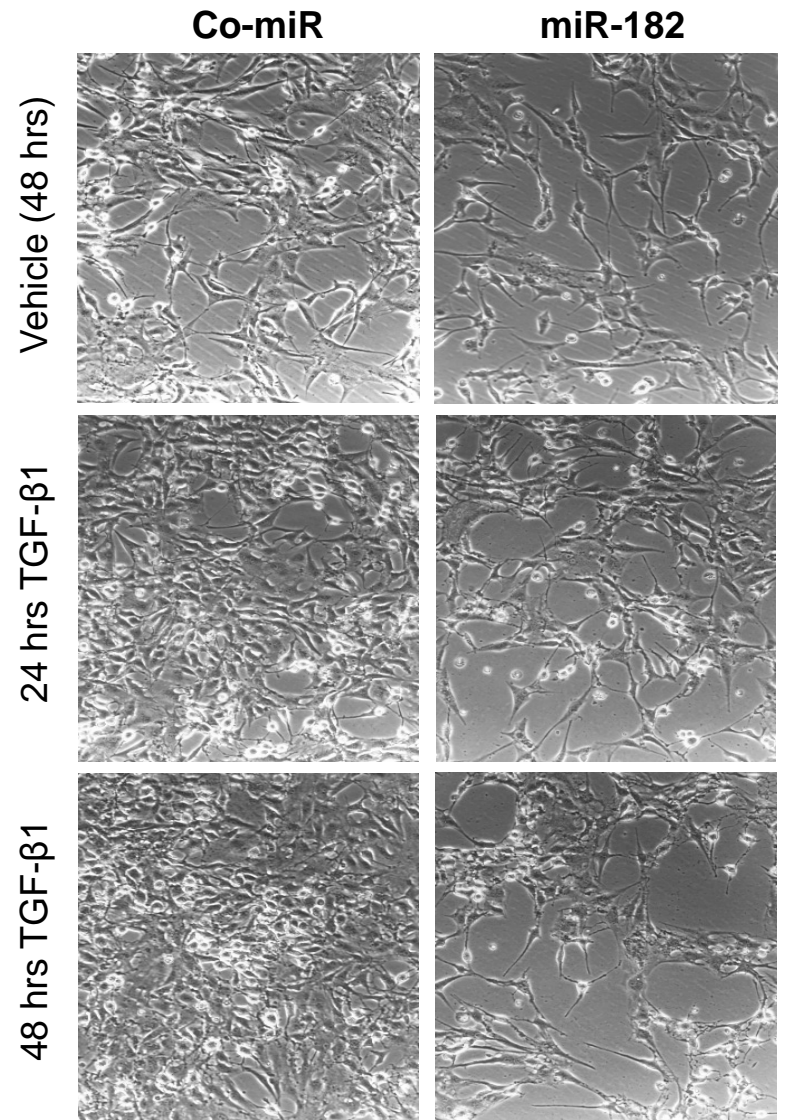
E



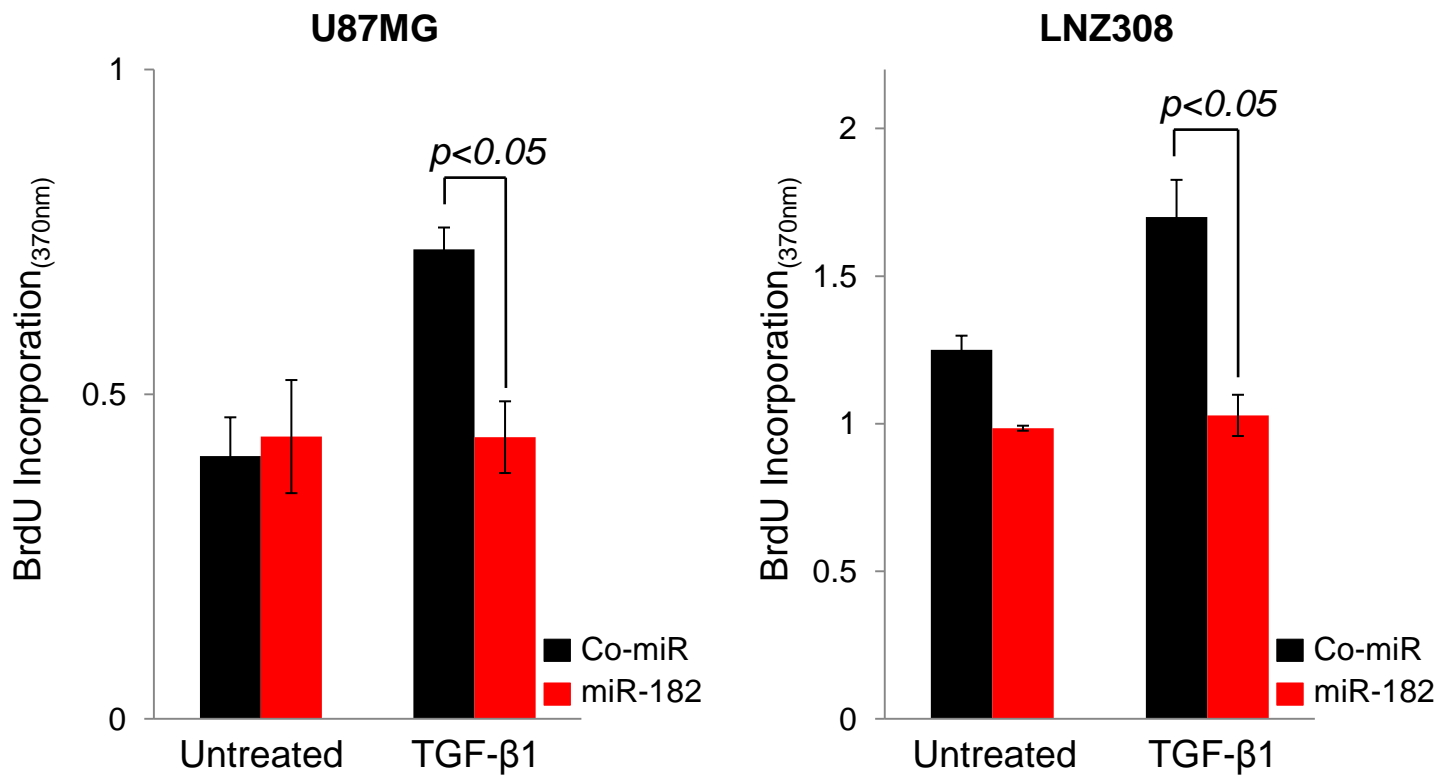
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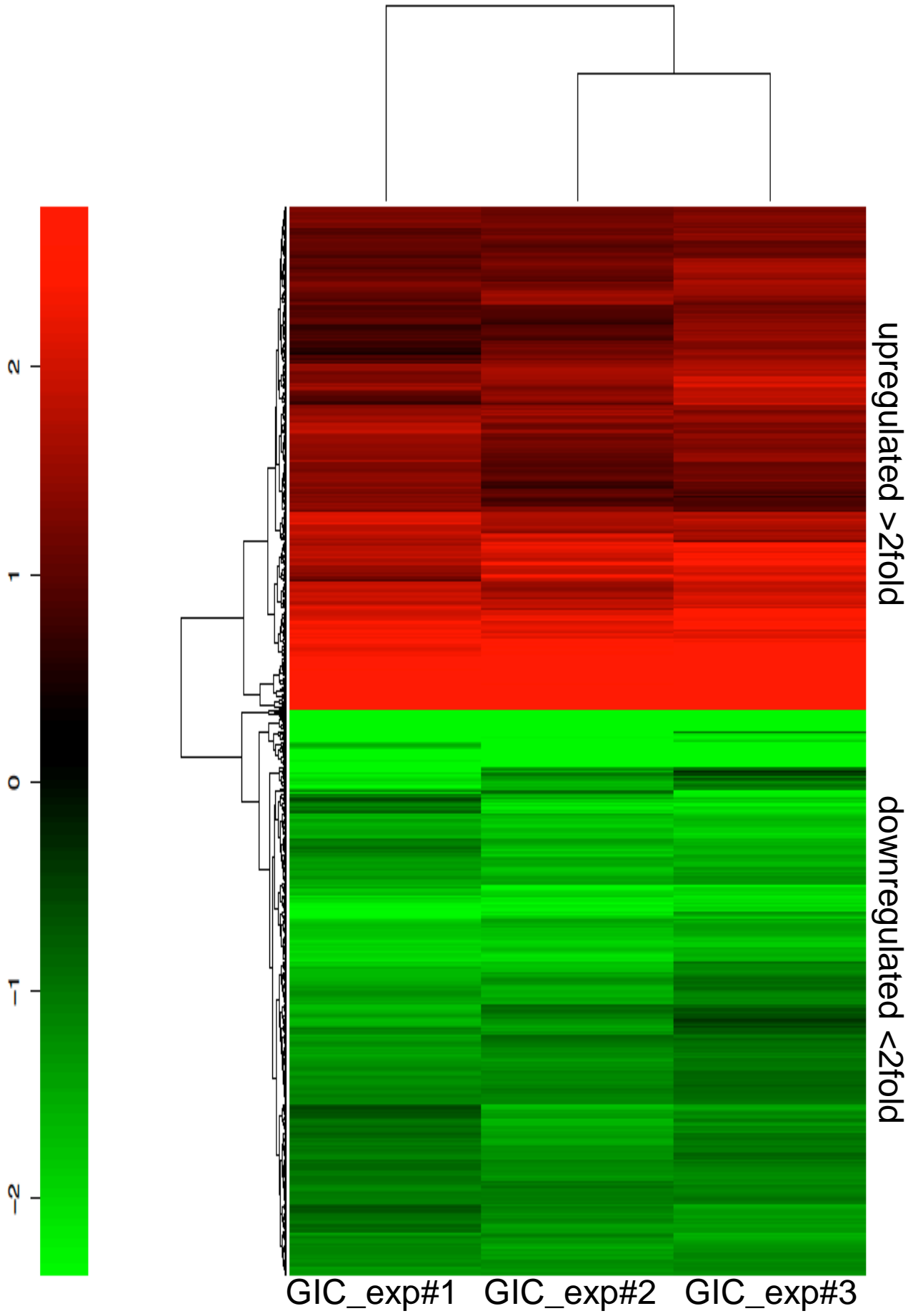


B



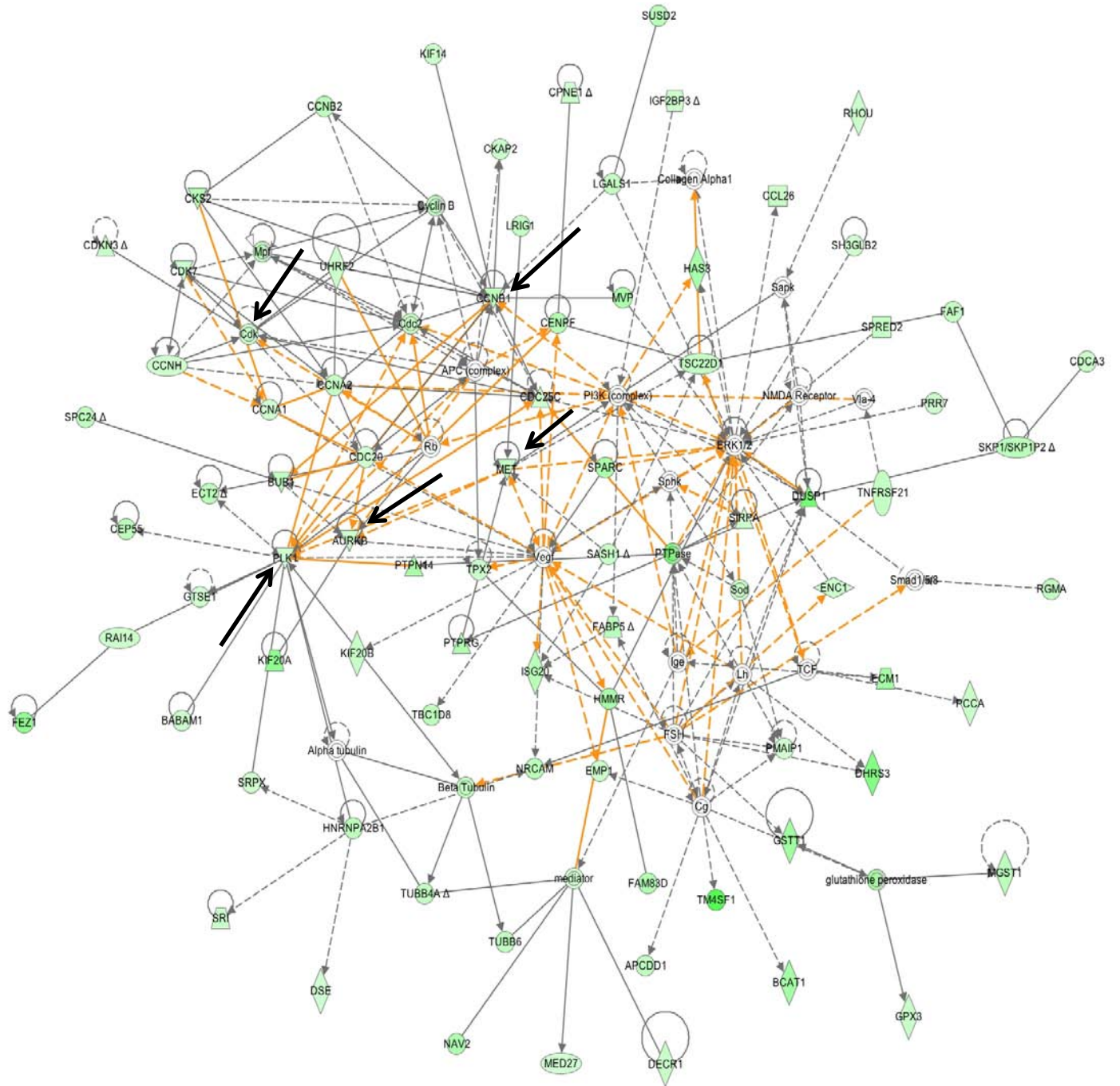
C





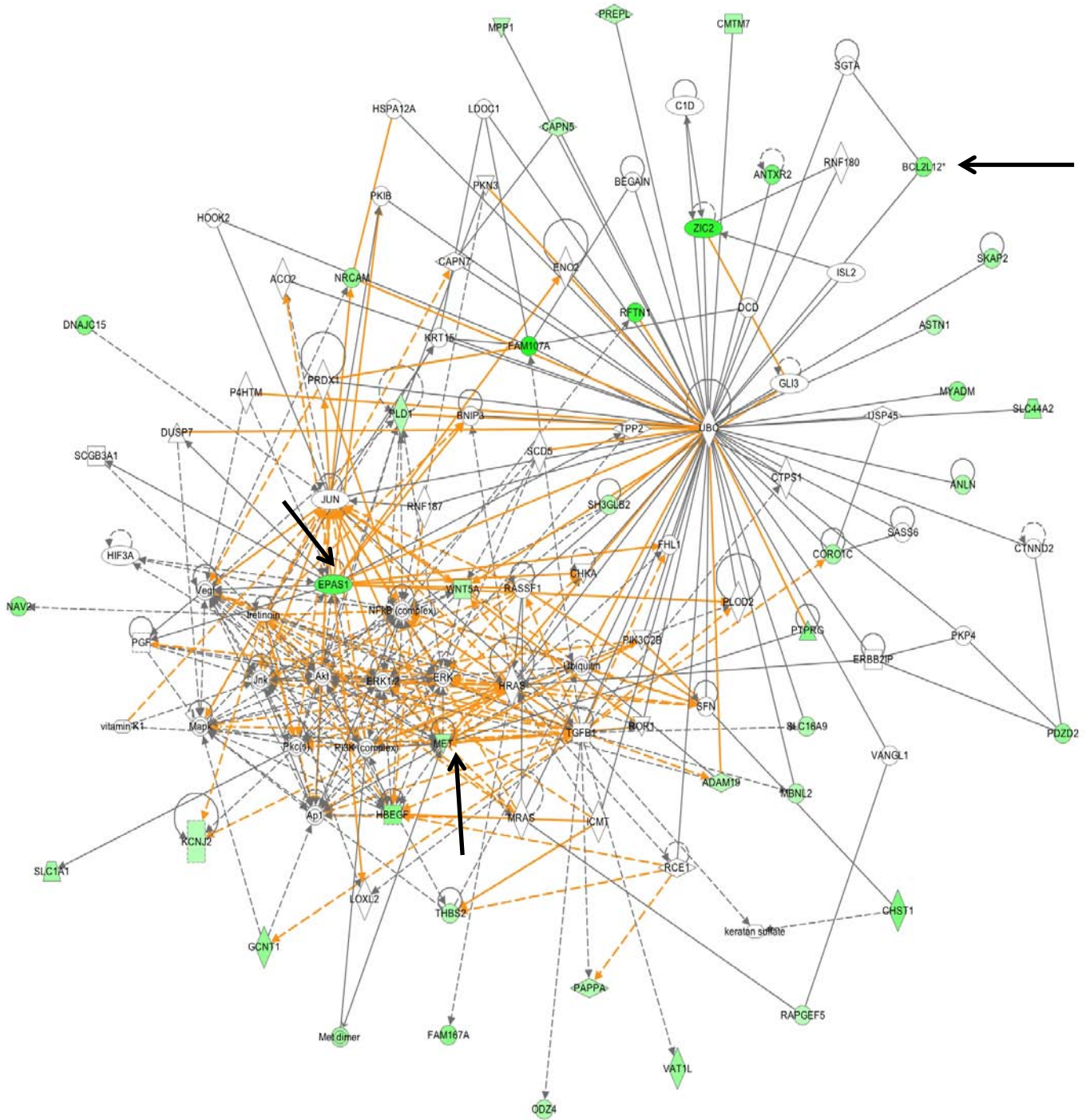
A

All 182-Target Genes



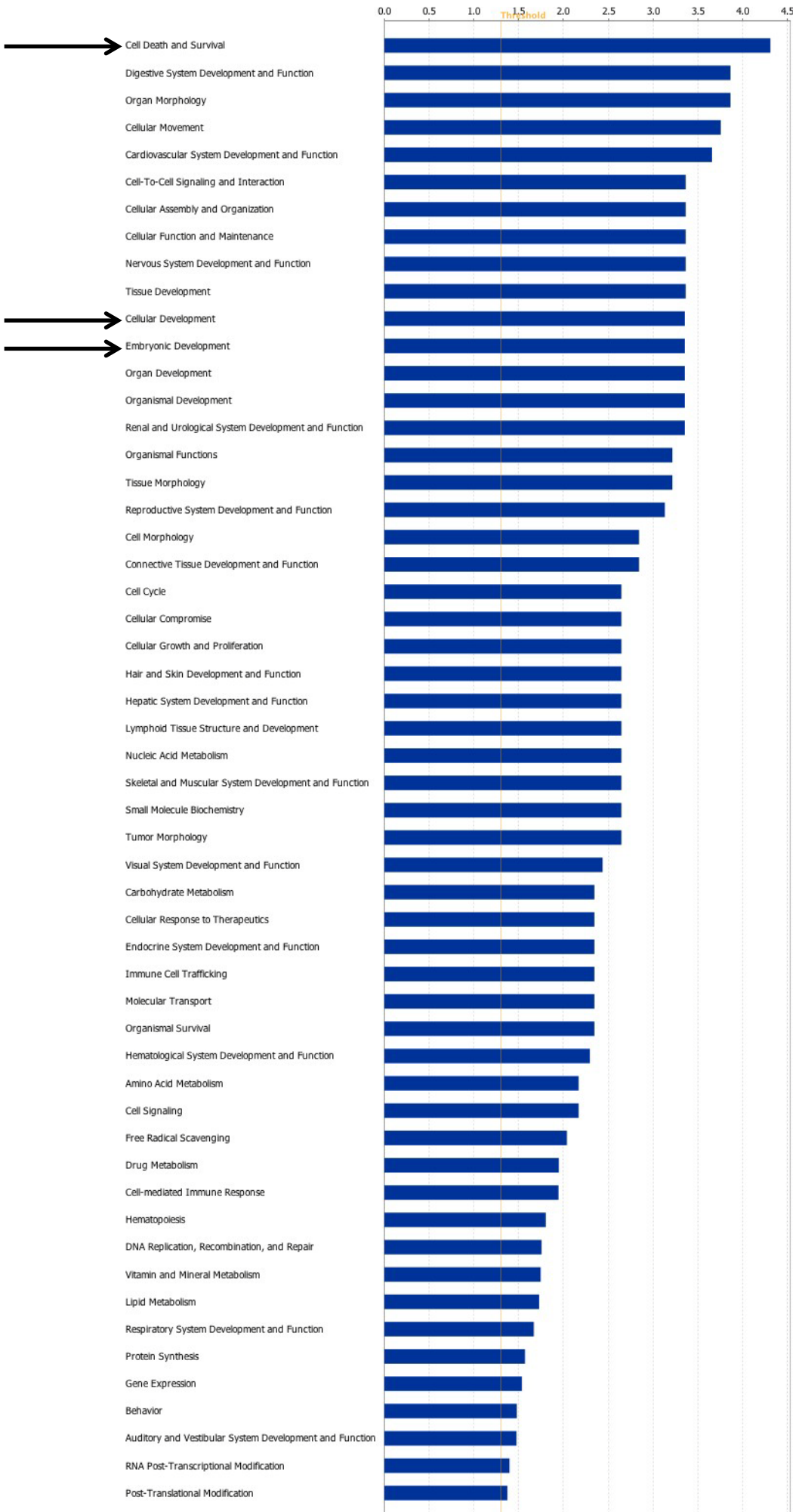
B

Direct 182-Target Genes

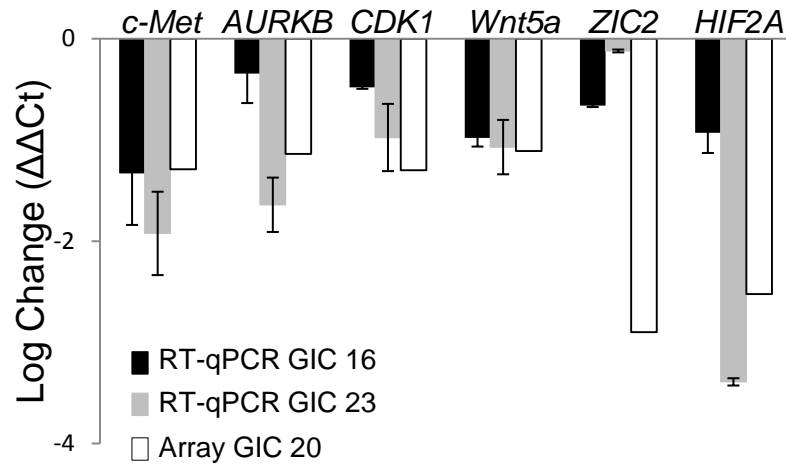


C

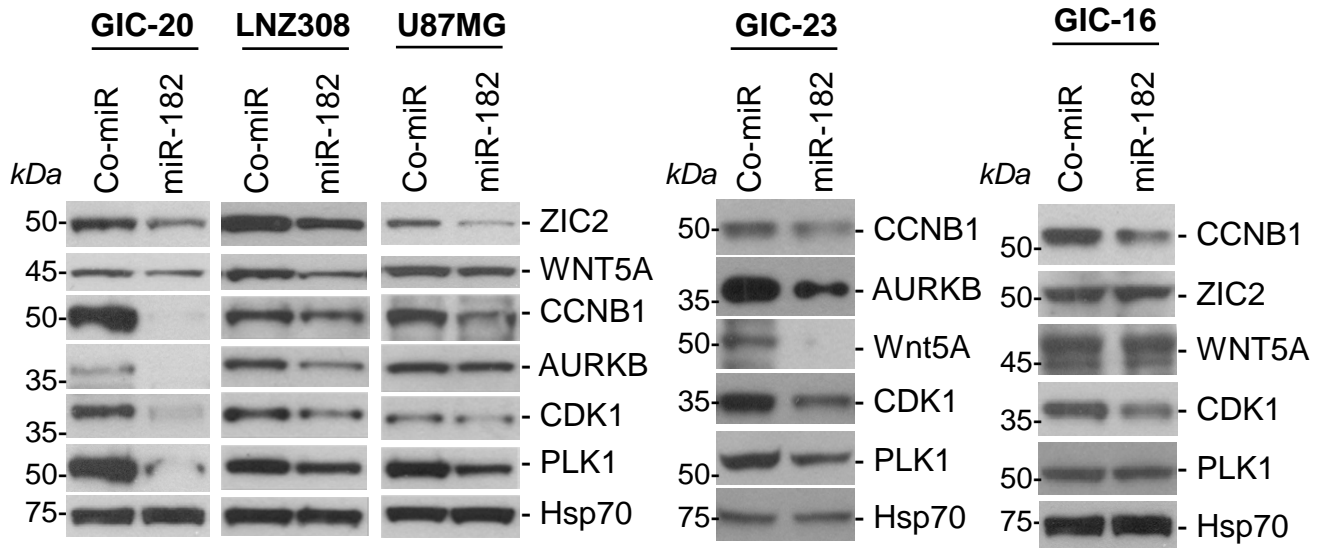
Upstream Regulator	Molecule Type	Predicted Activation State	Activation z-score	p-value of overlap
1. CDKN1A	kinase	Activated	2.127	1.91E-17
2. TP53	transcription regulator		-0.448	2.93E-15
3. ERBB2	kinase	Inhibited	-3.196	9.08E-13
4. TGFB1	growth factor	Inhibited	-4.628	2.45E-12
5. HGF	growth factor	Inhibited	-4.786	3.05E-10
All 182 Target Gene dataset				
1. TGFB1	growth factor	Inhibited	-2.533	0.0000274
Direct 182 Target Gene dataset				



A

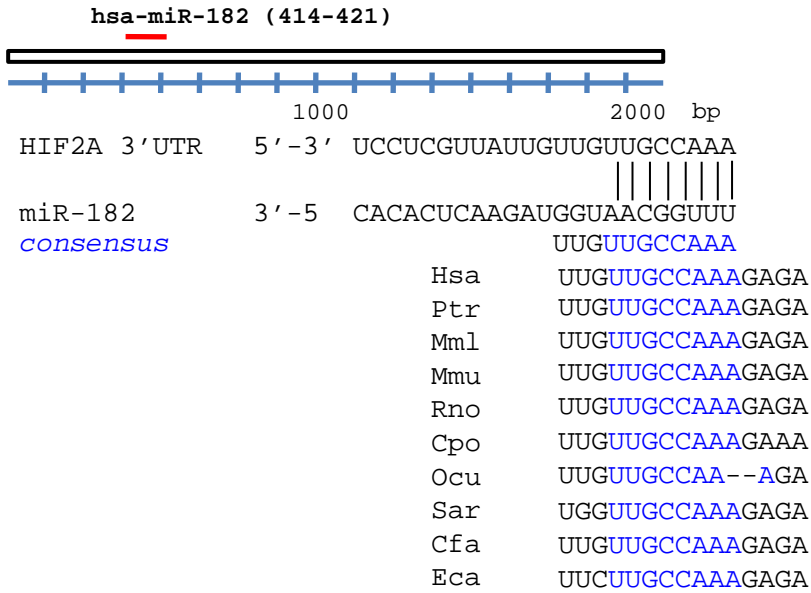


B



A

HIF2A 3'-UTR (2043 bp)



Conserved

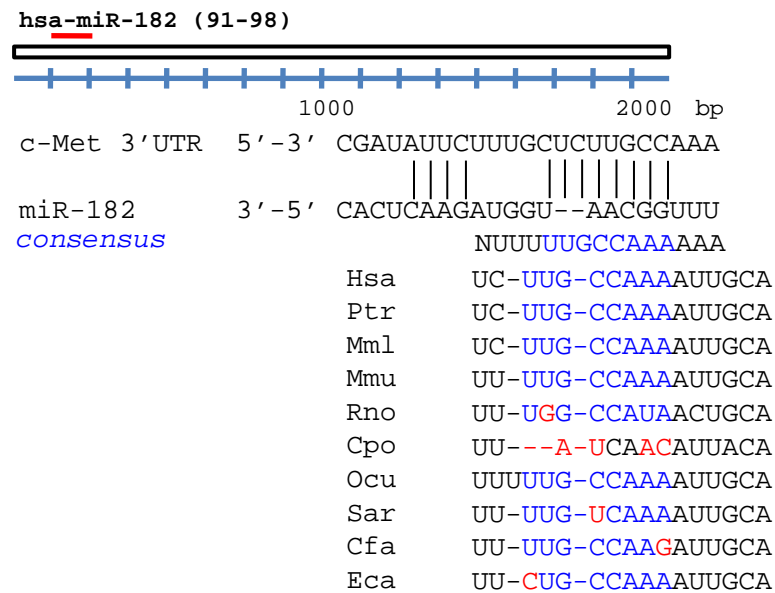
microRNA	HIF2A 3'UTR position	Seed Match	Context + score
hsa-miR-182	414-421	8mer	-0.24

Poorly Conserved

microRNA	HIF2A 3'UTR position	Seed Match	Context + score
hsa-miR-182	1653-1660	8mer	-0.32

B

c-Met 3'-UTR (2262 bp)

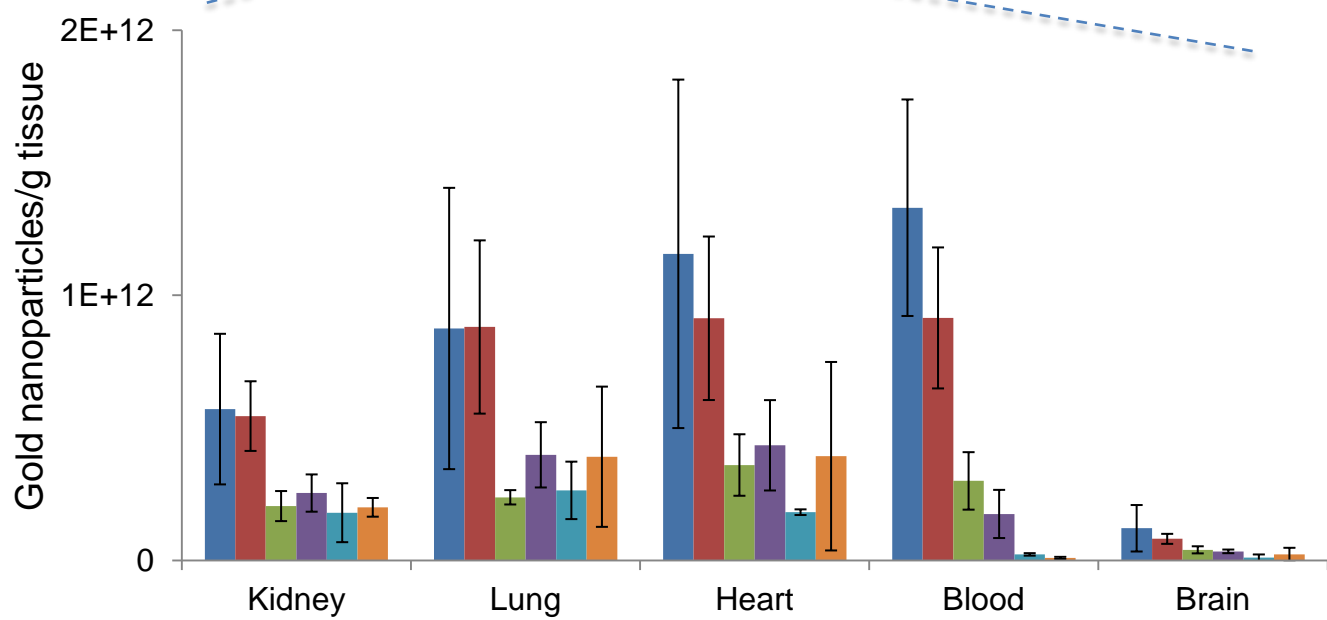
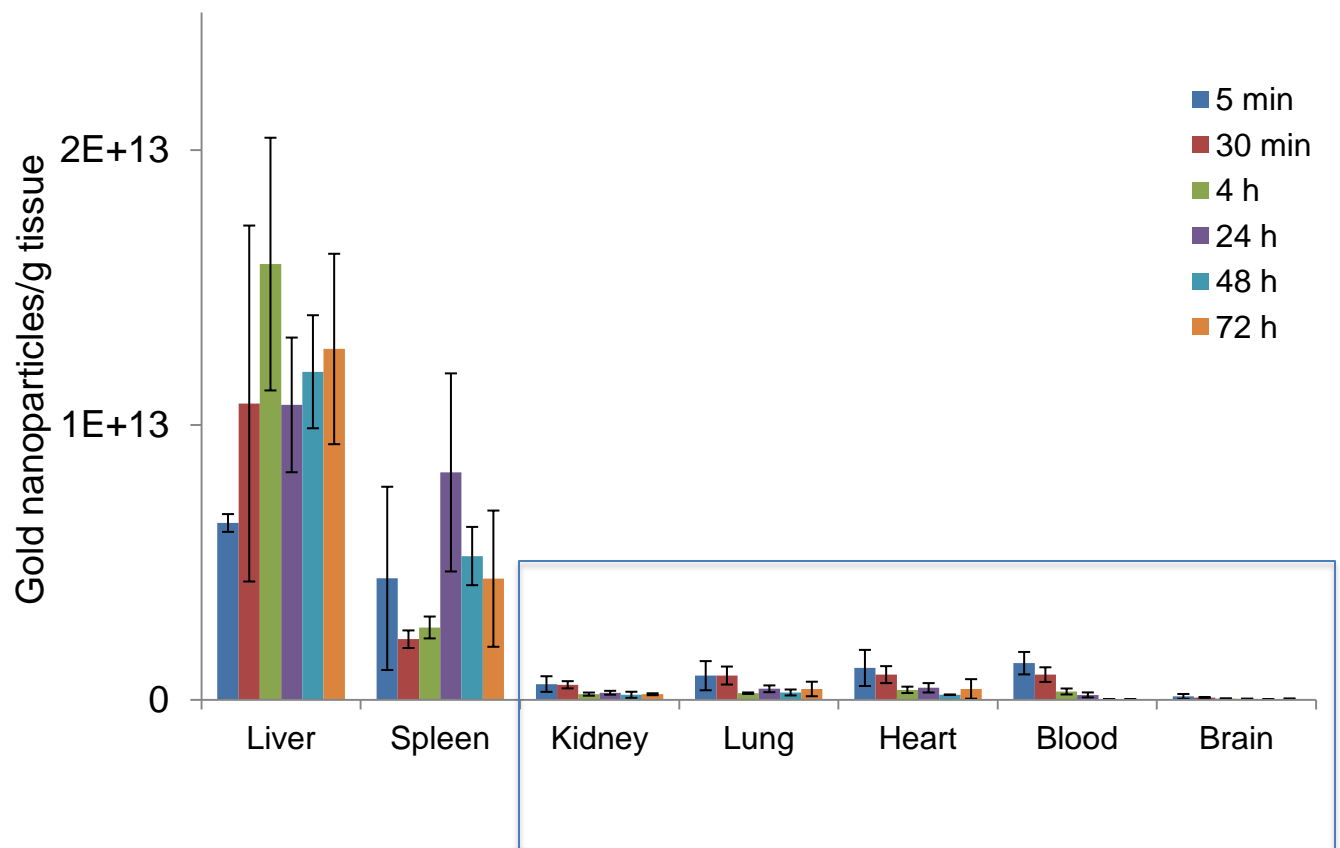


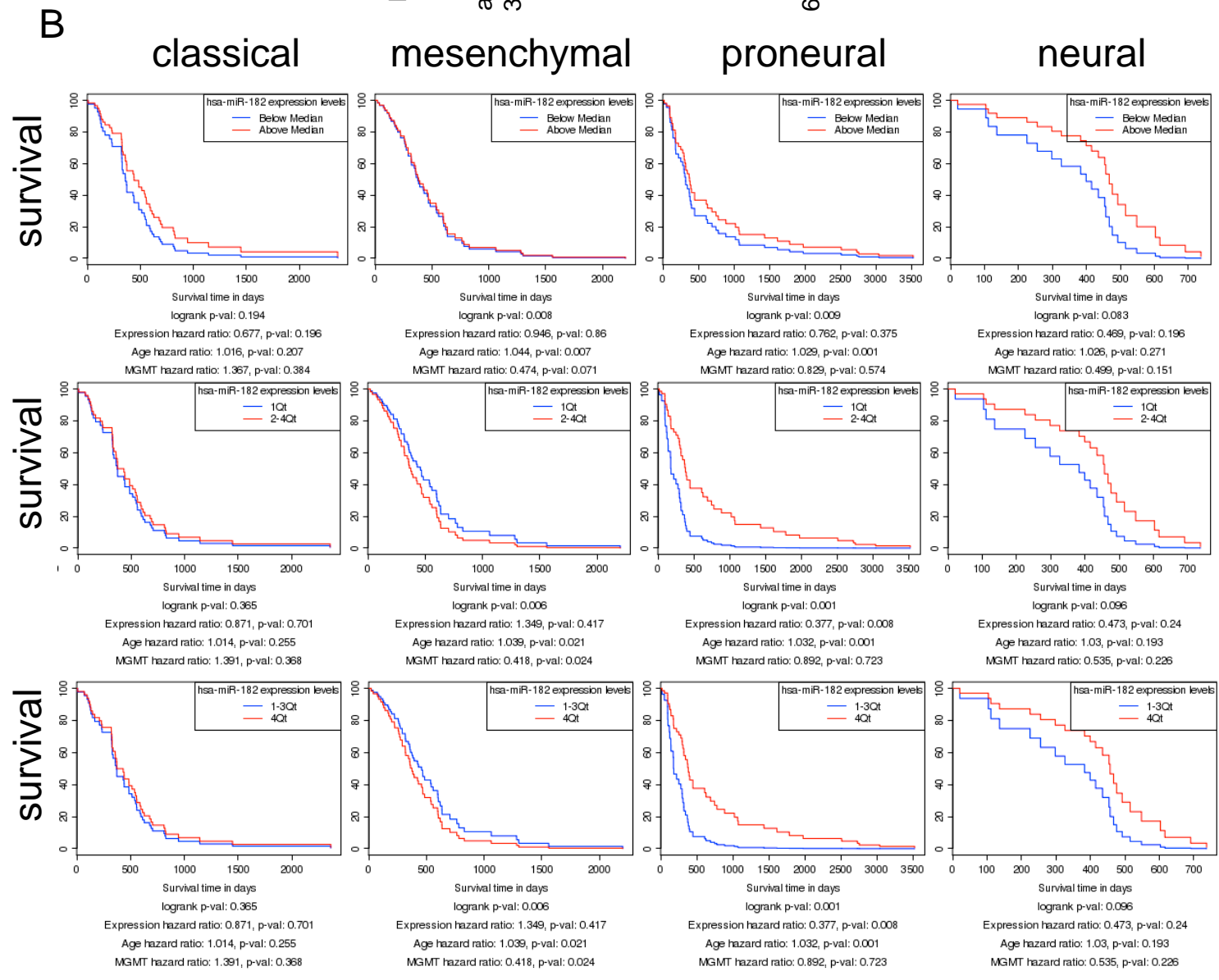
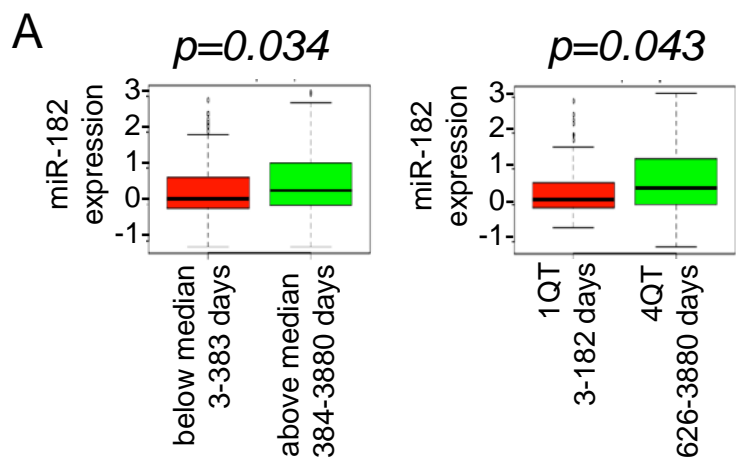
Conserved

microRNA	c-Met 3'UTR position	Seed Match	Context + score
hsa-miR-182	91-98	8mer	-0.35

Poorly Conserved

microRNA	c-Met 3'UTR position	Seed Match	Context + score
hsa-miR-182	698-704	7mer-m8	-0.02
hsa-miR-182	1655-1661	7mer-m8	-0.11





Cox proportional hazard analysis
with age and MGMT status as co-variants