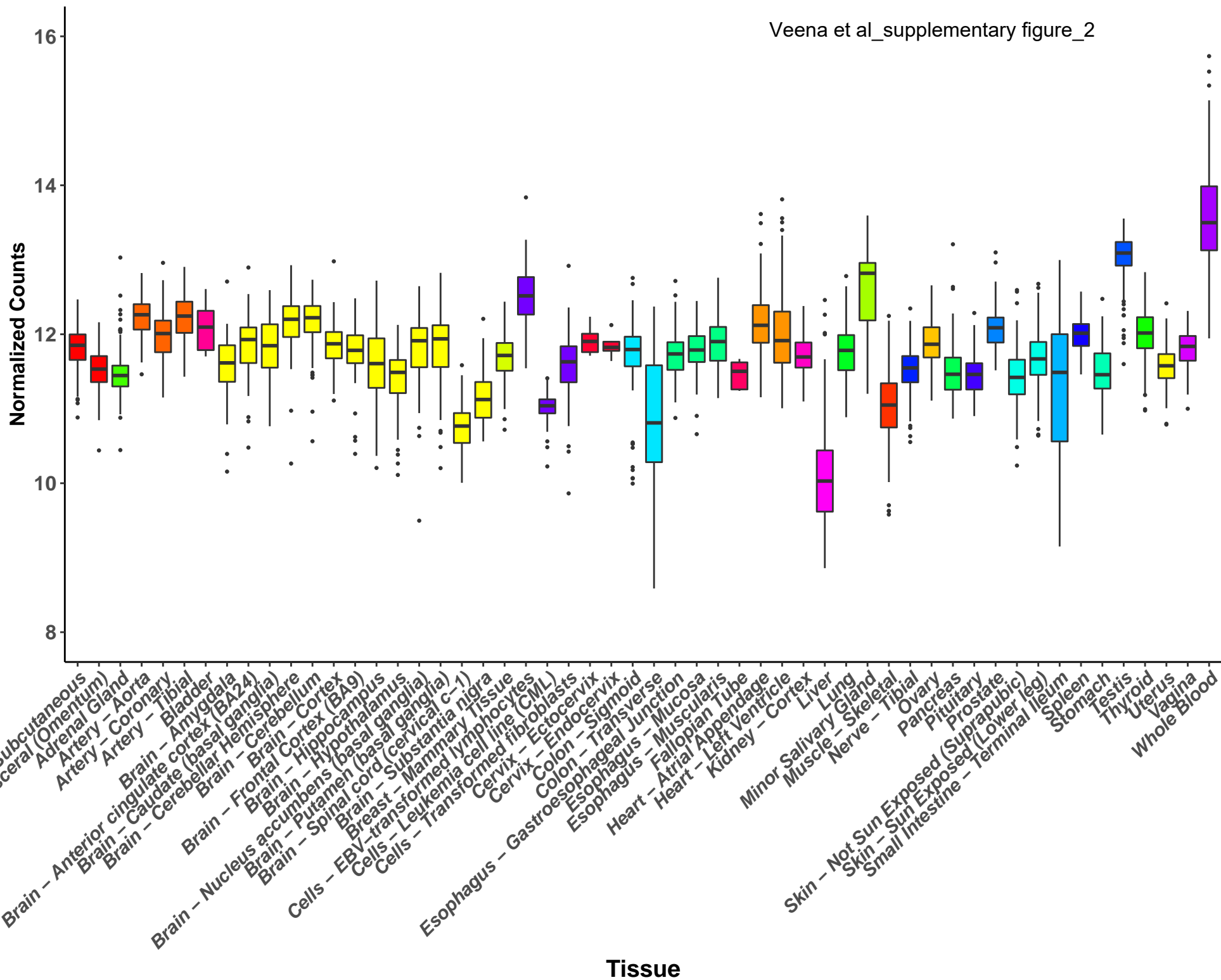
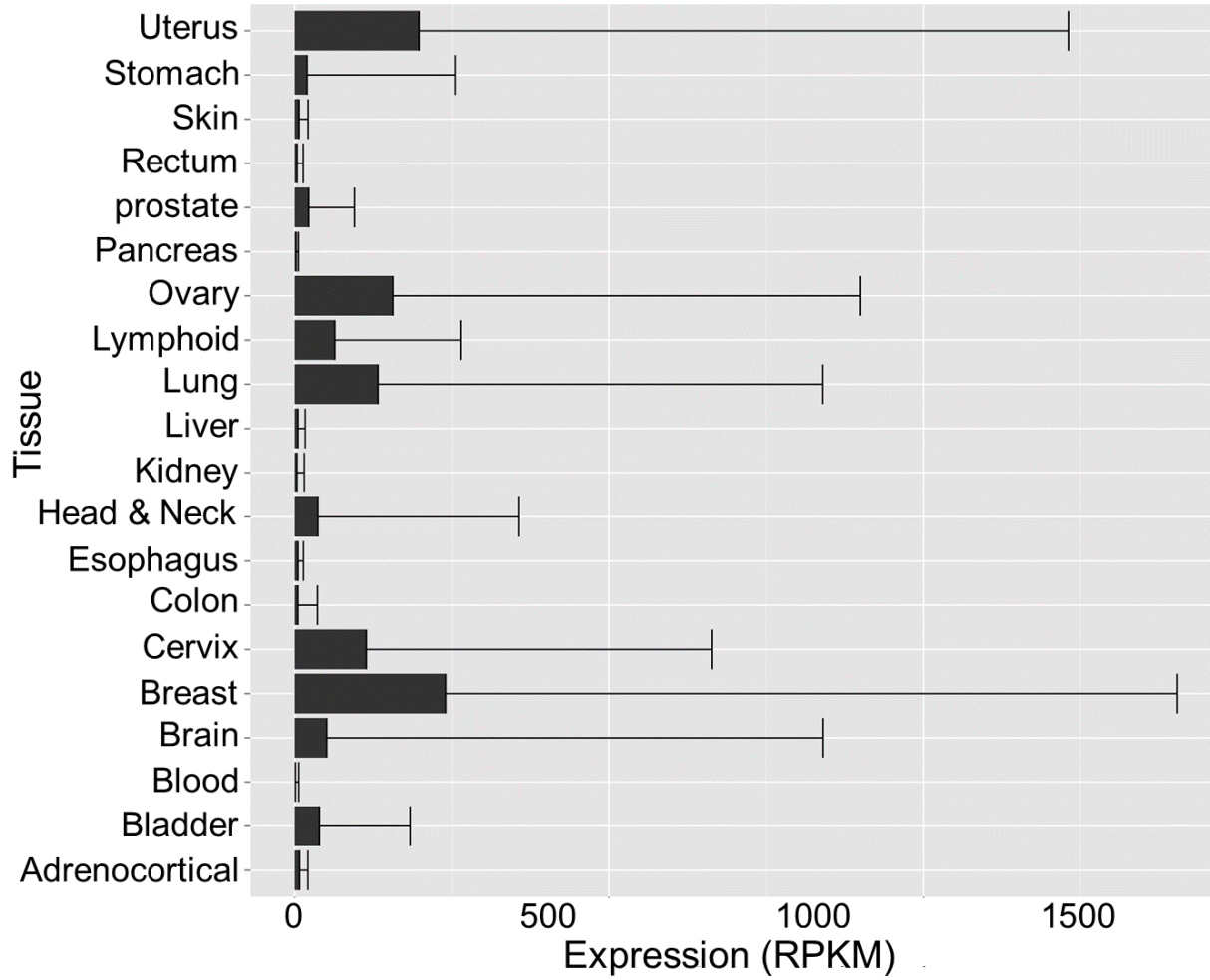


PACS1 Gene Expression

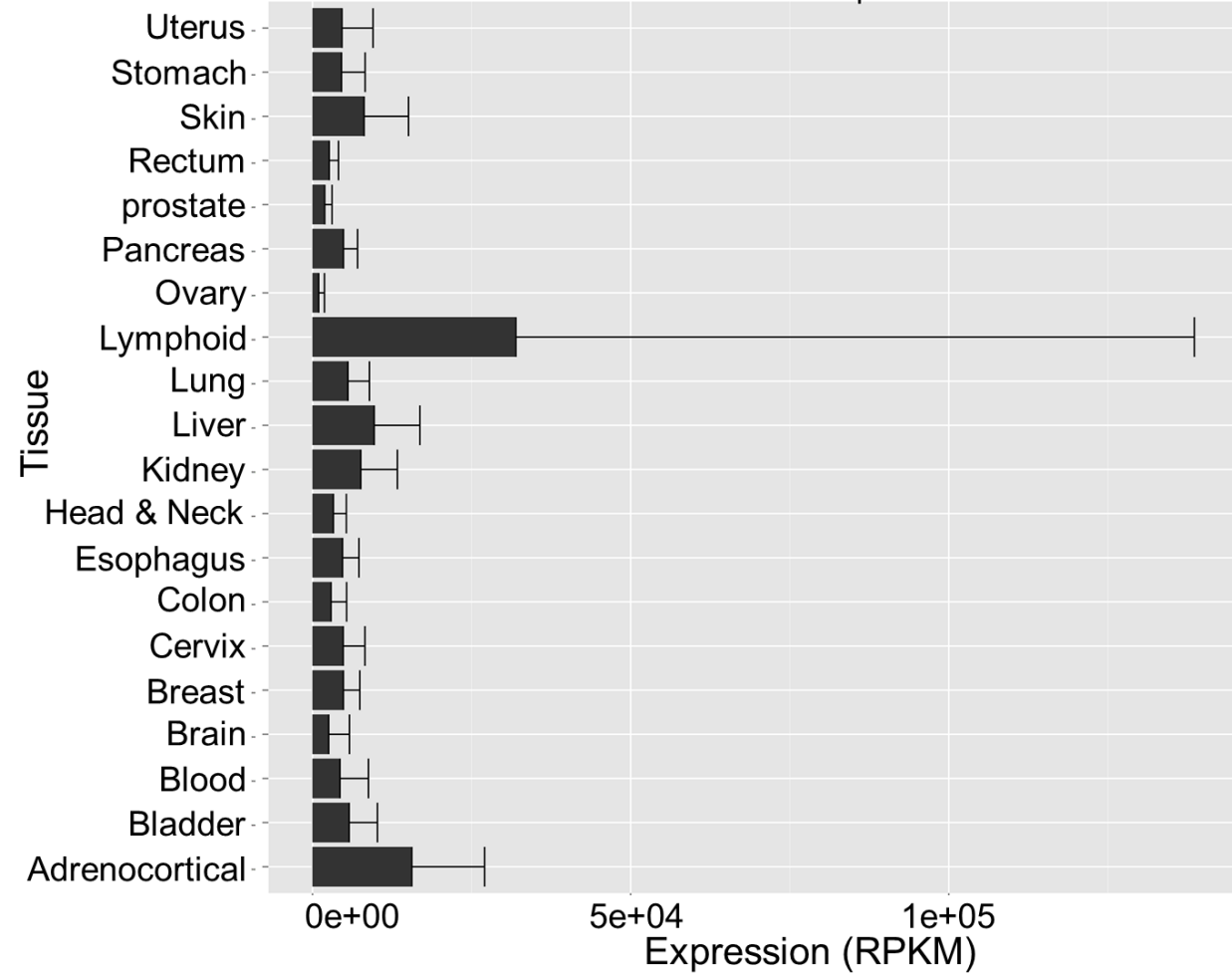
Veena et al_supplementary figure_2



hsa-miR-449a

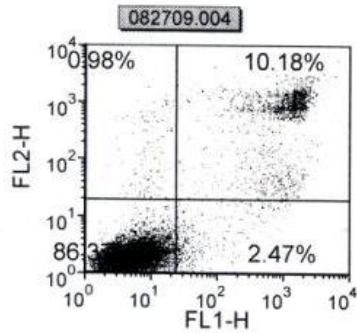


hsa-miR-34a-5p

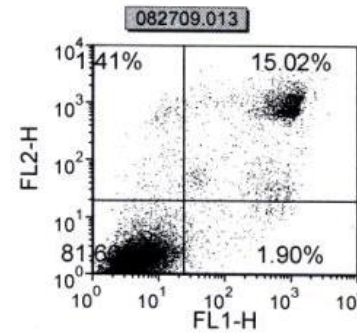


HeLa + FAS

HeLa



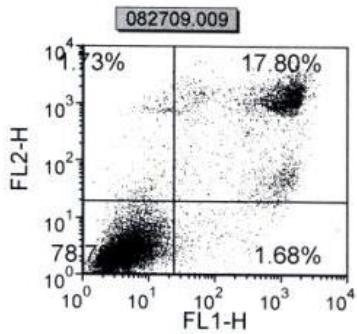
Gate	X Geometric Mean	Y Geometric Mean	% of Gated Cells	% of All Cells
UL	9.18	119.54	0.98	0.94
UR	865.65	491.27	10.18	9.76
LL	4.86	1.72	86.37	82.76
LR	69.04	4.06	2.47	2.37



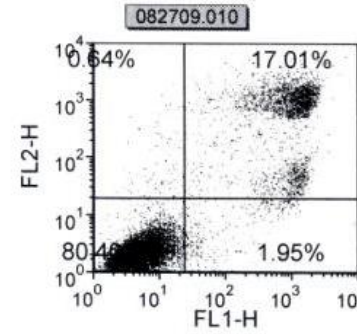
Gate	X Geometric Mean	Y Geometric Mean	% of Gated Cells	% of All Cells
UL	10.96	152.95	1.41	1.34
UR	591.11	518.33	15.02	14.24
LL	4.58	1.75	81.66	77.39
LR	100.69	5.48	1.9	1.8

HeLa + Scrambled siRNA

HeLa + Scrambled siRNA + FAS



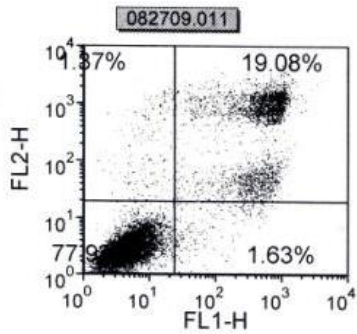
Gate	X Geometric Mean	Y Geometric Mean	% of Gated Cells	% of All Cells
UL	10.54	121.68	1.73	1.66
UR	755.29	636.67	17.8	17.05
LL	4.41	2.39	78.79	75.46
LR	105.84	5.76	1.68	1.6



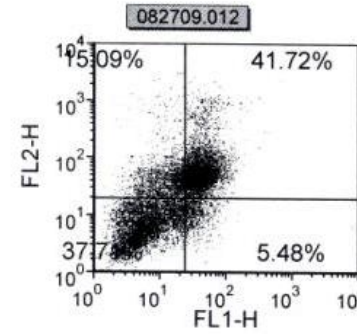
Gate	X Geometric Mean	Y Geometric Mean	% of Gated Cells	% of All Cells
UL	10.19	80.16	0.64	0.62
UR	786.28	472.45	17.01	16.4
LL	4.71	1.96	80.4	77.55
LR	110.03	5.66	1.95	1.88

HeLa + PACS1 siRNA

HeLa + PACS1 siRNA + FAS



Gate	X Geometric Mean	Y Geometric Mean	% of Gated Cells	% of All Cells
UL	9.39	168.9	1.37	1.27
UR	407.02	375.24	19.08	17.69
LL	4.3	2.48	77.92	72.25
LR	92.67	7.09	1.63	1.52



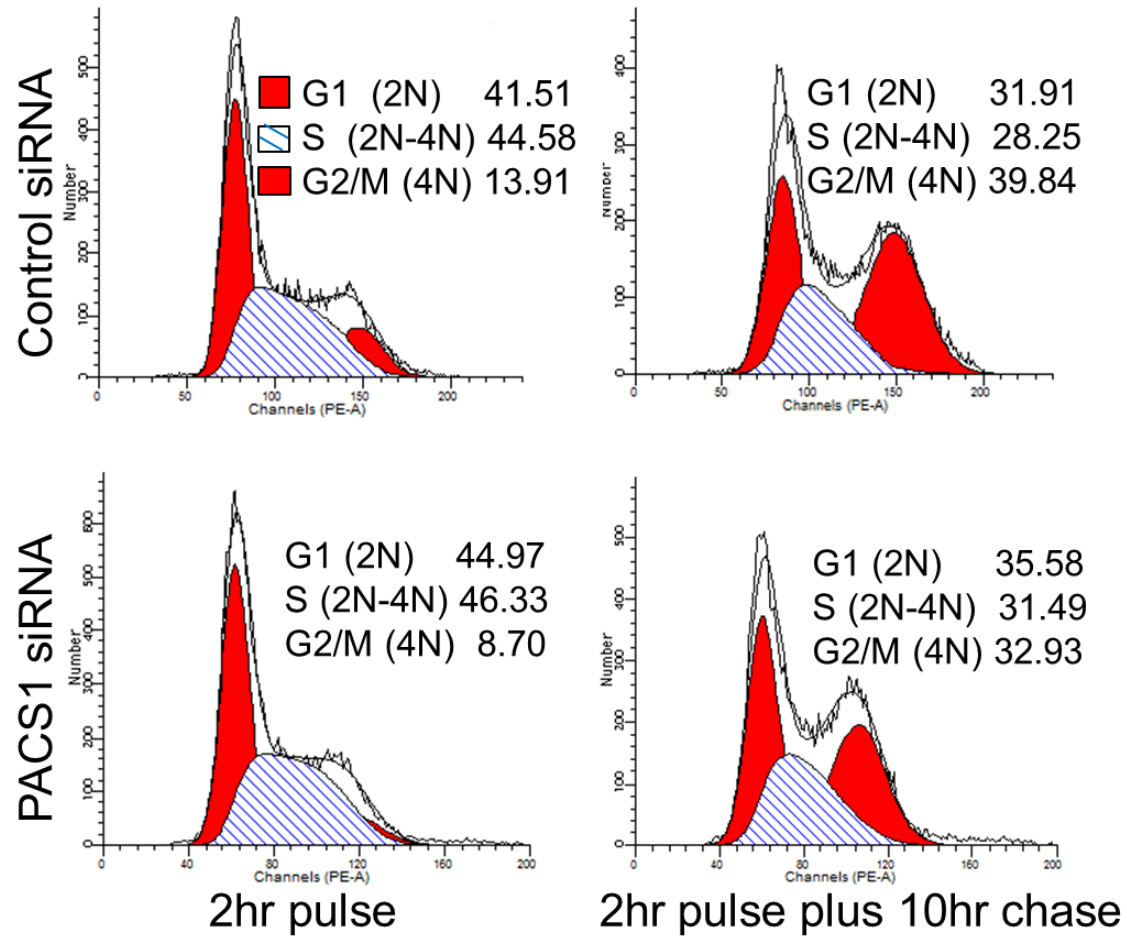
Gate	X Geometric Mean	Y Geometric Mean	% of Gated Cells	% of All Cells
UL	12.57	45.12	15.09	11.76
UR	41.93	57.04	41.72	32.52
LL	5.81	5.89	37.71	29.4
LR	36.26	9.98	5.48	4.28

Propidium iodide

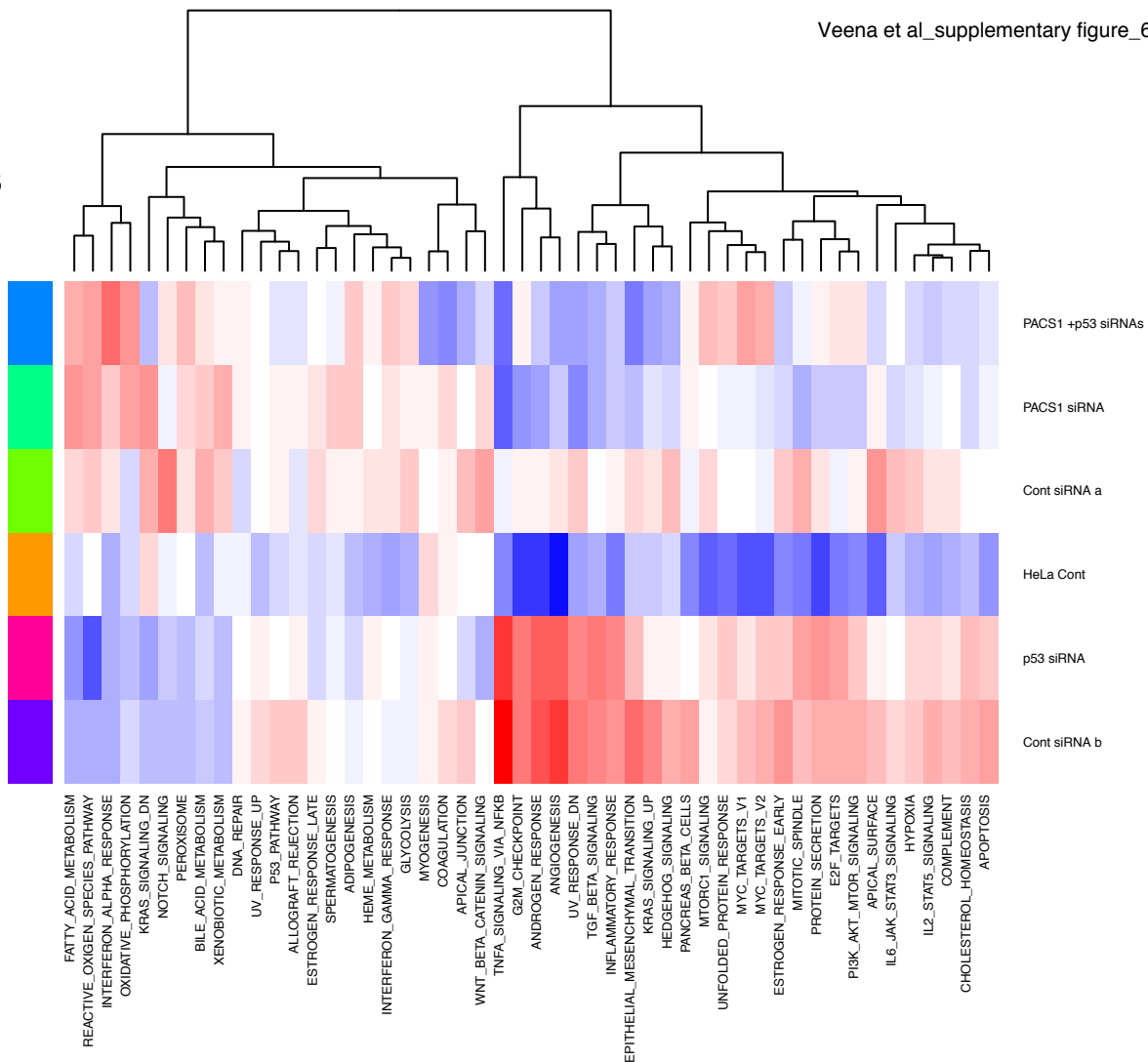
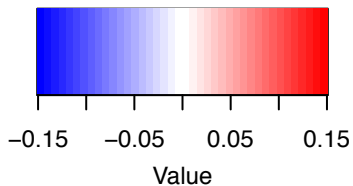
Annexin →

48 hours

Percent PI labeling in EdU incorporated samples



Color Key



GM00023_PACS1_siRNA vs GM00023_Cont_siRNA

Veena et al_supplementary figure_7A

chromosome	start	end	test	ref	position	log2	p.value	cnv	cnv.size	cnv.log2	cnv.p.value
chr10	46600001	46700000	4	7	46650000	-0.87973	6.33E-32	20	250000	-1.426008725	0
chr10	46650001	46750000	2	8	46700000	-2.07237	5.62E-105	20	250000	-1.426008725	0
chr9	67600001	67700000	13	4	67650000	1.628068	2.19E-76	17	250000	1.29686204	2.08E-272
chr9	67650001	67750000	14	8	67700000	0.734983	3.27E-23	17	250000	1.29686204	2.08E-272
chr15	21200001	21300000	30	50	21250000	-0.80934	7.76E-28	14	2.00E+05	-0.94178766	5.78E-136
chr15	21250001	21350000	10	23	21300000	-1.27401	7.92E-57	14	2.00E+05	-0.94178766	5.78E-136
chr15	21300001	21400000	10	17	21350000	-0.83791	1.78E-29	14	2.00E+05	-0.94178766	5.78E-136
chrY	3350001	3450000	16	25	3400000	-0.71623	1.02E-22	6	3.00E+05	-0.833184106	2.04E-164
chrY	3400001	3500000	15	22	3450000	-0.62491	4.39E-18	6	3.00E+05	-0.833184106	2.04E-164
chrY	3100001	3200000	12	3	3150000	1.927628	4.39E-93	2	2.00E+05	1.92762823	0
chrY	3150001	3250000	13	3	3200000	2.043105	5.09E-99	2	2.00E+05	1.92762823	0
chr22	16400001	16500000	13	7	16450000	0.820713	8.26E-28	1	2.00E+05	0.99371742	2.23E-144
chr22	16450001	16550000	16	8	16500000	0.927628	7.06E-34	1	2.00E+05	0.99371742	2.23E-144
chr22	16500001	16600000	21	9	16550000	1.150021	2.93E-47	1	2.00E+05	0.99371742	2.23E-144
chr22	16550001	16650000	17	8	16600000	1.015091	4.76E-39	1	2.00E+05	0.99371742	2.23E-144

HeLa_PACS_siRNA vs HeLa_cont_siRNA

chromosome	start	end	test	ref	position	log2	p.value	cnv	cnv.size	cnv.log2	cnv.p.value
chr10	46550001	46650000	2	7	46600000	-1.61139	4.72E-58	22	250000	-1.541002559	2.83E-265
chr10	46600001	46700000	3	8	46650000	-1.21907	5.55E-40	22	250000	-1.541002559	2.83E-265
chr10	46650001	46750000	3	10	46700000	-1.541	6.69E-55	22	250000	-1.541002559	2.83E-265
chr9	67900001	68000000	1	6	67950000	-2.389	7.64E-88	21	2.00E+05	-1.569571711	8.99E-218
chr9	44350001	44450000	1	8	44400000	-2.80404	1.48E-99	19	350000	-1.492092958	0
chr9	44400001	44500000	5	14	44450000	-1.28946	2.77E-43	19	350000	-1.492092958	0
chr9	44450001	44550000	5	13	44500000	-1.18255	2.87E-38	19	350000	-1.492092958	0
chr9	44650001	44750000	6	14	44700000	-1.02643	5.11E-31	19	350000	-1.492092958	0
chr9	40250001	40350000	5	11	40300000	-0.94154	3.57E-27	18	3.00E+05	-1.251495942	8.02E-238
chr9	40300001	40400000	5	11	40350000	-0.94154	3.57E-27	18	3.00E+05	-1.251495942	8.02E-238
chr15	30500001	30600000	2	14	30550000	-2.61139	1.81E-94	15	250000	-1.070823505	1.54E-156
chr15	30550001	30650000	5	16	30600000	-1.48211	3.18E-52	15	250000	-1.070823505	1.54E-156
chr15	30600001	30700000	10	19	30650000	-0.73004	3.48E-18	15	250000	-1.070823505	1.54E-156
chr15	30650001	30750000	8	15	30700000	-0.71093	1.98E-17	15	250000	-1.070823505	1.54E-156
chr15	30700001	30800000	7	13	30750000	-0.69712	6.85E-17	15	250000	-1.070823505	1.54E-156
chr16	18300001	18400000	16	11	18350000	0.736531	1.55E-19	14	2.00E+05	1.026038034	2.05E-127
chr16	18350001	18450000	9	3	18400000	1.780926	4.68E-73	14	2.00E+05	1.026038034	2.05E-127
chr16	18450001	18550000	6	4	18500000	0.780926	1.60E-21	14	2.00E+05	1.026038034	2.05E-127

