

Supplemental Figure legends

Figure S1 Identification TAZ binding patterns for its targets.

Representative images of TAZ binding peaks on genomic loci of CTGF and CYR61 (A); ANKRD1 and CCDC80 (B); KIBRA and AMOTL2 (C) in response to Dox treatment.

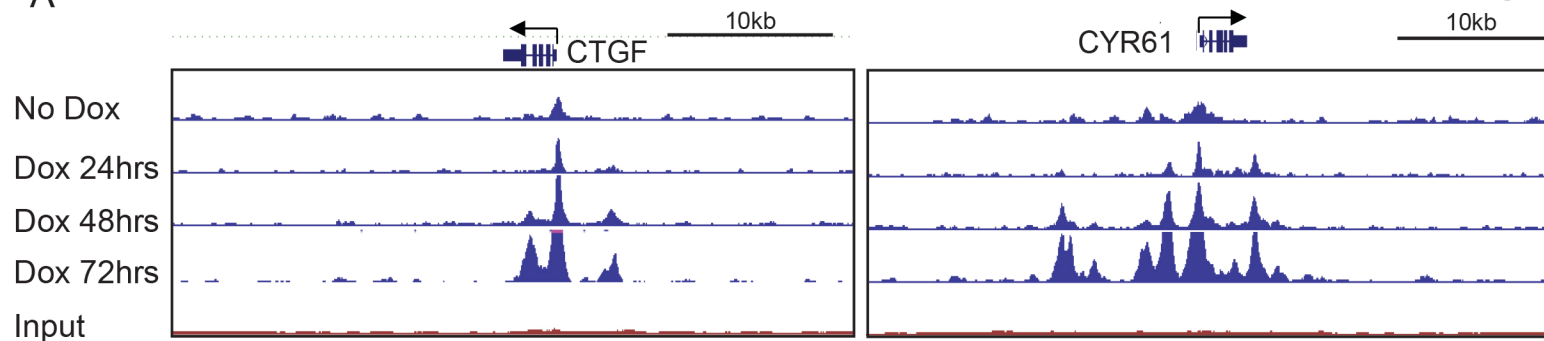
Figure S2 TAZ directly binds to TEAD and FOSL transcription factor promoters.

- A. Representative images of TAZ binding peaks on promoter regions of TEAD1, 2 and 4, but not TEAD2.
- B. Representative images of TAZ binding peaks on promoter and upstream enhancer regions of FOSL1 and FOSL2.

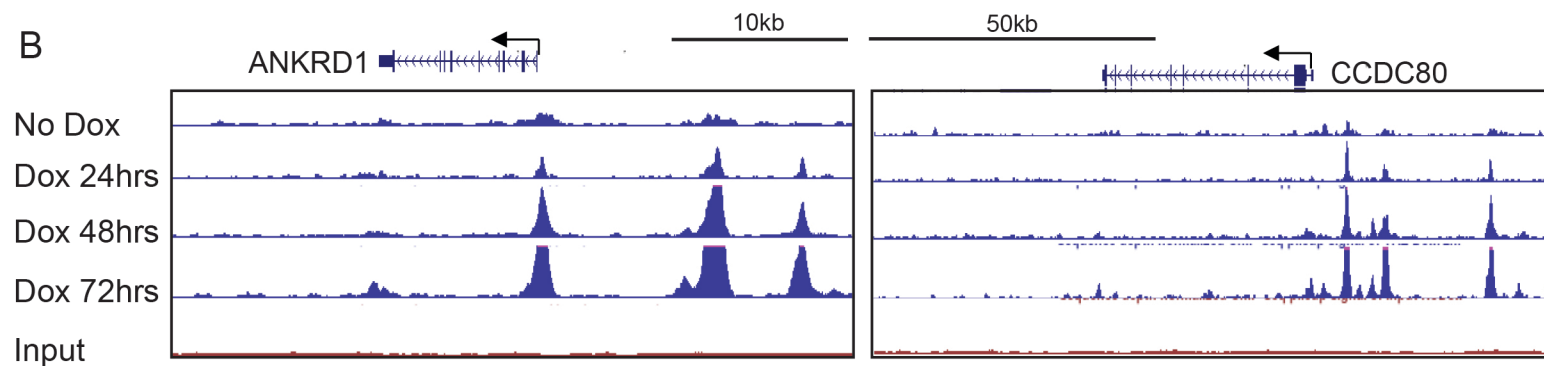
Supplemental Table S1: KEGG pathway analysis in response to TAZ activation.

	Cluster	GeneRatio	pvalue	p.adjust	qvalue	Count	Description
1	early.up	38/302	9.25E-22	2.40E-19	2.28E-19	38	Cell cycle - Homo sapiens (human)
2	early.up	13/302	1.30E-10	1.68E-08	1.60E-08	13	DNA replication - Homo sapiens (human)
3	early.up	27/302	8.76E-10	7.56E-08	7.19E-08	27	Motor proteins - Homo sapiens (human)
4	early.up	19/302	1.68E-07	1.09E-05	1.04E-05	19	Oocyte meiosis - Homo sapiens (human)
5	early.up	11/302	2.93E-06	0.000152	0.000144	11	Fanconi anemia pathway - Homo sapiens (human)
6	early.up	11/302	5.59E-05	0.002335	0.002221	11	p53 signaling pathway - Homo sapiens (human)
7	early.up	13/302	6.31E-05	0.002335	0.002221	13	Progesterone-mediated oocyte maturation - Homo sapiens (human)
8	early.up	8/302	8.18E-05	0.002649	0.002519	8	Homologous recombination - Homo sapiens (human)
9	early.up	6/302	0.000119	0.003412	0.003245	6	Mismatch repair - Homo sapiens (human)
10	early.up	15/302	0.000438	0.011347	0.010791	15	Cellular senescence - Homo sapiens (human)
11	early.up	7/302	0.000845	0.0199	0.018925	7	Base excision repair - Homo sapiens (human)
12	early.up	10/302	0.001105	0.023857	0.022688	10	Gap junction - Homo sapiens (human)
13	late.up	13/280	8.67E-07	0.000253	0.000242	13	Biosynthesis of amino acids - Homo sapiens (human)
14	late.up	8/280	3.97E-05	0.005797	0.005538	8	Glycine, serine and threonine metabolism - Homo sapiens (human)
15	late.up	11/280	0.000442	0.043019	0.041096	11	AGE-RAGE signaling pathway in diabetic complications - Homo sapiens (human)
16	early.down	17/365	1.11E-07	3.25E-05	3.16E-05	17	Complement and coagulation cascades - Homo sapiens (human)
17	early.down	14/365	5.72E-05	0.008381	0.00816	14	Staphylococcus aureus infection - Homo sapiens (human)
18	early.down	9/365	0.000104	0.010183	0.009914	9	ABC transporters - Homo sapiens (human)
19	late.down	29/233	2.24E-09	6.09E-07	5.61E-07	29	Cytokine-cytokine receptor interaction - Homo sapiens (human)
20	late.down	13/233	3.17E-06	0.000432	0.000398	13	Viral protein interaction with cytokine and cytokine receptor - Homo sapiens (human)
21	late.down	10/233	6.31E-06	0.000572	0.000527	10	Steroid hormone biosynthesis - Homo sapiens (human)
22	late.down	13/233	1.38E-05	0.000935	0.000861	13	TNF signaling pathway - Homo sapiens (human)
23	late.down	12/233	2.63E-05	0.00143	0.001317	12	NF-kappa B signaling pathway - Homo sapiens (human)
24	late.down	11/233	0.000107	0.004553	0.004194	11	Amoebiasis - Homo sapiens (human)
25	late.down	9/233	0.000117	0.004553	0.004194	9	Epithelial cell signaling in Helicobacter pylori infection - Homo sapiens (human)
26	late.down	10/233	0.000225	0.007424	0.006838	10	Rheumatoid arthritis - Homo sapiens (human)
27	late.down	10/233	0.000246	0.007424	0.006838	10	IL-17 signaling pathway - Homo sapiens (human)
28	late.down	9/233	0.001564	0.041509	0.038232	9	Hematopoietic cell lineage - Homo sapiens (human)
29	late.down	9/233	0.001679	0.041509	0.038232	9	AGE-RAGE signaling pathway in diabetic complications - Homo sapiens (human)
30	late.down	9/233	0.002205	0.049987	0.046041	9	C-type lectin receptor signaling pathway - Homo sapiens (human)

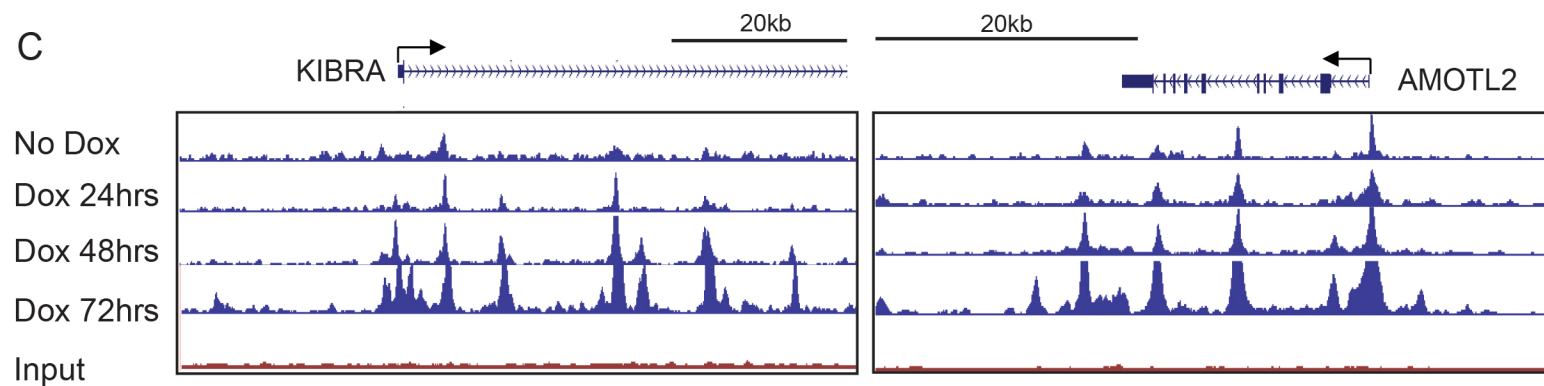
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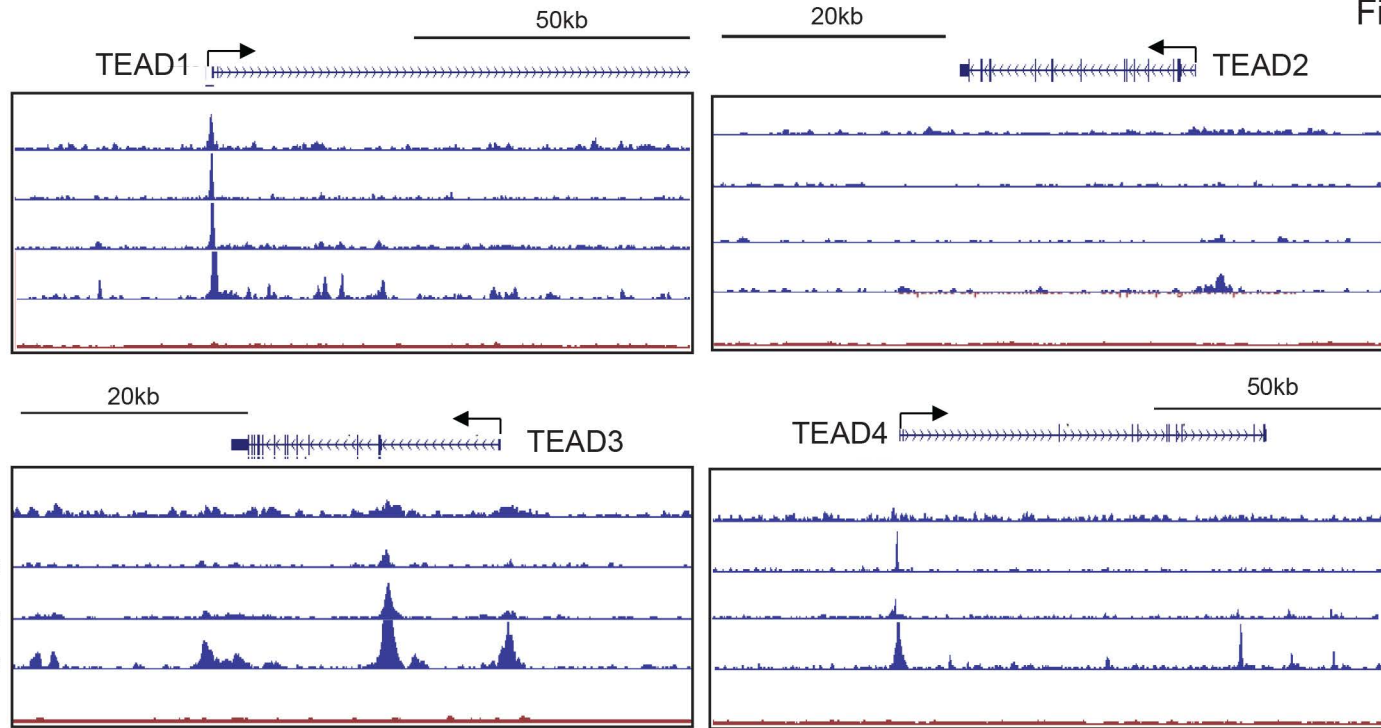


B



C





B

