

Supplementary Table S7: mRNAs preferentially induced by 17kT: potential p53 targets or interactors

Gene	17kT vs WT	LT vs WT	17kT vs LT	p53 Target/Interactor/Pathway
629242 /// BC005512 /// F630007	3.90	0.04	97.50	
Slitrk4	9.35	0.21	44.52	
Lmln	10.78	0.33	32.67	
629242 /// BC005512 /// F630007	5.67	0.19	29.84	
Cox6b2	8.65	0.42	20.60	
Acot1 /// LOC100044830	18.93	1.23	15.39	
Ces5	3.55	0.28	12.68	
St14	9.04	0.72	12.56	Amundson et al., 2005
Cyp3a41a	7.18	0.60	11.97	
Eda2r	20.61	2.11	9.77	Brosh et al., 2010
Acot1 /// Acot2 /// LOC100044830	13.31	1.42	9.37	
Sulf2	4.27	0.47	9.09	Chau et al., 2009
Psrc1	14.97	1.69	8.86	Lo et al., 1999
6430604M11Rik	5.53	0.80	6.91	
Psrc1	16.74	2.55	6.56	Lo et al., 1999
Ccng1	4.05	0.69	5.87	Min et al., 2009
Ak1	4.43	0.76	5.83	Collavin et al., 1999
Ptp4a3	9.99	1.79	5.58	Basak et al., 2008
Cidea	9.97	1.85	5.39	
Sulf2	13.11	2.46	5.33	Chau et al., 2009
Btg2	4.32	0.86	5.02	Rouault et al., 1996; Boiko et al., 2006
AI854517	7.58	1.53	4.95	
Cp	9.10	1.86	4.89	
Cirbp	6.56	1.37	4.79	
Cdkn1a	6.75	1.42	4.75	El-Deiry et al., 1993
1810010H24Rik	9.18	1.94	4.73	
Angptl4	6.91	1.48	4.67	
St3gal5	3.92	0.84	4.67	
Ren1 /// Ren2	31.33	6.77	4.63	
Ccng1	7.17	1.56	4.60	Min et al., 2009
1700001L05Rik	5.49	1.20	4.58	
5430401F13Rik /// 625758	4.30	0.94	4.57	
Muc13	7.58	1.69	4.49	
Cpt1c	28.78	6.42	4.48	Bungard et al., 2010; Zaugg et al., 2011

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Txnip	5.46	1.41	3.87	
Lztr1	3.27	0.87	3.76	
4833417J20Rik	4.37	1.17	3.74	
Zmat3	5.77	1.56	3.70	Varmeh-Ziaie et al., 1997; Israeli et al., 1997; Vilborg et al., 2009
Acot2	6.83	1.87	3.65	
Iqgap1	3.56	0.99	3.60	
Zbtb16	25.45	7.12	3.57	
Aen	3.11	0.89	3.49	Kawase et al., 2008
Trp53inp1	3.70	1.07	3.46	Okamura et al., 2001
4632434I11Rik	4.94	1.48	3.34	
Cdkn1a	13.69	4.11	3.33	El-Deiry et al., 1993
Klf10	3.12	0.95	3.28	
1110020A10Rik	25.71	8.11	3.17	
Kcnj11	3.28	1.04	3.15	
Pdk4	4.53	1.44	3.15	
Usp14	3.17	1.01	3.14	
Gtse1	64.37	20.54	3.13	Utrera et al., 1998; Collavin et al., 2000
Steap4	3.12	1.00	3.12	
Ddit4	4.14	1.33	3.11	Ellisen et al., 2002
Ddit4l	3.56	1.15	3.10	
Brcc3	3.85	1.28	3.01	
Pmaip1	39.36	13.14	3.00	Oda et al., 2000
2900046B09Rik	3.01	1.02	2.95	
Cln6	3.51	1.21	2.90	
Eif2s1	26.60	9.19	2.89	
Pqlc3	3.46	1.21	2.86	
G0s2	3.49	1.23	2.84	
Nolc1	3.48	1.23	2.83	Hwang et al., 2009
Ngo1	4.15	1.47	2.82	Asher et al., 2001
Cpt1a	3.01	1.07	2.81	
Acot3	16.87	6.01	2.81	
Usp14	4.12	1.47	2.80	
LOC100046086	8.09	2.98	2.71	
Aen	22.34	8.26	2.70	Kawase et al., 2008
Serinc3	3.11	1.15	2.70	
Gria3	19.77	7.32	2.70	

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Mt2	10.67	3.97	2.69	
Calml4	3.62	1.35	2.68	
Nek3	4.67	1.76	2.65	
Mdm2	4.07	1.55	2.63	Eischen and Lozano, 2009
Klc3	9.18	3.53	2.60	
Rev1	6.13	2.36	2.60	
Sipa1l2	20.48	7.89	2.60	
Ddit4l	4.30	1.66	2.59	
Gm98	4.74	1.83	2.59	
Nr1d2	6.56	2.55	2.57	
Cpt1a	3.11	1.22	2.55	
Kif4	5.73	2.27	2.52	
Brca1	70.80	28.13	2.52	
Gadd45b	16.52	6.72	2.46	
Alg14	3.49	1.42	2.46	
Ccl6	4.29	1.78	2.41	
Plk2	3.93	1.65	2.38	Burns et al., 2003
Bcl10	6.24	2.63	2.37	
Slc22a5	3.08	1.31	2.35	
LOC676549 /// OTTMUSG00000007	3.94	1.68	2.35	
Uhrf1	12.02	5.13	2.34	
Steap4	3.10	1.33	2.33	
Acot2	34.60	15.00	2.31	
D2Ert750e	3.72	1.62	2.30	
1200016E24Rik	15.10	6.58	2.29	
Cnn3 /// LOC100047856	3.14	1.37	2.29	
Bmp2	3.55	1.56	2.28	
Pim3	4.84	2.15	2.25	
Uhrf1	19.18	8.60	2.23	Arima et al., 2004
Lrch1	4.27	1.92	2.22	
Ear1 /// Ear12 /// Ear2 /// Ear3	3.78	1.70	2.22	
Pvr	6.61	2.98	2.22	
Exod1	7.48	3.38	2.21	
D2Ert750e	12.85	5.86	2.19	
Gtf3c2	3.20	1.46	2.19	
Rrm2	14.00	6.39	2.19	

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Aaas	29.05	13.30	2.18	
Dleu2	5.60	2.57	2.18	
Pbk	13.86	6.38	2.17	Nandi et al., 2007
Mt1	12.35	5.73	2.16	
Reep3	3.20	1.49	2.15	
Baiap2	3.08	1.44	2.14	
Recql	24.13	11.31	2.13	
Cyb561	25.42	11.94	2.13	
Eme2	5.39	2.54	2.12	
Trip13	5.99	2.84	2.11	
Csrp1	43.37	20.58	2.11	
Per1	99.16	47.07	2.11	
Siva1	4.02	1.91	2.10	Fortin et al., 2004
Mastl	5.90	2.81	2.10	
1500010J02Rik	4.15	1.98	2.10	
Kif11	7.46	3.57	2.09	
Miip	6.45	3.13	2.06	
Rrm2	14.44	7.01	2.06	
1810030007Rik	3.81	1.85	2.06	
H2afx	6.71	3.27	2.05	Fragkos et al., 2009
Tenc1	3.48	1.70	2.05	
Trio	3.57	1.75	2.04	
Brd8	5.41	2.66	2.03	
Tnfrsf12a	205.96	101.58	2.03	
Akirin1	3.00	1.49	2.01	
Acot4	3.04	1.51	2.01	
Rad51c	3.73	1.86	2.01	
Cd300lf /// LOC100047115	5.04	2.52	2.00	
Ebna1bp2	6.30	3.15	2.00	
Fam160a2	4.50	2.25	2.00	
H2afz	4.40	2.20	2.00	
Rrm2	14.92	7.46	2.00	

For references associated with this table, please see Supplementary Table S7 References at the end of Supplementary Information