

**TABLE S3.** List of genes that are a minimum of 1.3 fold upregulated in N1IC/dnTCF4 expressing clones and were downregulated by both treatments

NAME	GENE SYMBOL	AVERAGE DOXY	AVERAGE DAPT	NIC-14	NIC-15	AVERAGE N1IC vs DAPT	AVERAGE N1IC vs DOXY
BC006322	ATF3	-1,63	-3,00	2,61	10,55	12,09	<b>6,58</b>
NM_005194	CEBPB	-1,59	-2,30	2,82	5,77	6,229	<b>4,30</b>
NM_002928	RGS16	-2,89	-1,83	2,62	5,78	2,662	<b>4,20</b>
NM_006472	TXNIP	-1,88	-2,60	4,33	3,87	5,667	<b>4,10</b>
NM_021158	TRIB3	-1,37	-2,31	3,32	3,69	5,904	<b>3,50</b>
NM_052966	C1orf24	-1,63	-2,31	3,24	3,31	4,647	<b>3,28</b>
AK056774	H19	-1,58	-1,42	2,28	4,05	2,837	<b>3,16</b>
NM_053000	TIGA1	-1,91	-2,21	2,96	3,33	3,654	<b>3,15</b>
NM_005384	NFIL3	-1,30	-2,31	2,61	3,55	5,483	<b>3,08</b>
NM_005318	H1FO	-2,13	-3,37	3,36	2,76	4,832	<b>3,06</b>
NM_016947	C6orf48	-1,60	-2,33	3,40	2,33	4,19	<b>2,87</b>
NM_005564	LCN2	-1,57	-2,25	2,71	2,74	3,926	<b>2,73</b>
M27396	ASNS	-1,33	-1,43	2,55	2,88	2,921	<b>2,71</b>
NM_014685	HERPUD1	-1,64	-1,95	2,60	2,58	3,065	<b>2,59</b>
NM_016201	AMOTL2	-2,70	-1,89	2,11	2,97	1,78	<b>2,54</b>
NM_005524	HES1	-1,31	-3,34	1,62	3,40	6,414	<b>2,51</b>
NM_006516	SLC2A1	-1,42	-1,78	2,63	2,29	3,088	<b>2,46</b>
NM_016618	LOC51315	-1,44	-1,48	2,45	2,42	2,514	<b>2,43</b>
AL833872	DKFZp761P0423	-1,69	-2,06	2,27	2,50	2,909	<b>2,38</b>
NM_013943	CLIC4	-1,54	-1,40	1,95	2,82	2,164	<b>2,38</b>
AY052478	RAB39B	-1,74	-1,61	2,04	2,71	2,195	<b>2,37</b>
AY007811	KIAA1199	-2,98	-1,41	2,69	2,01	1,108	<b>2,35</b>
BC038180	OGT	-2,00	-1,34	2,27	2,27	1,525	<b>2,27</b>
BC021662	FLJ22028	-1,35	-1,63	2,31	2,01	2,612	<b>2,16</b>
NM_014330	PPP1R15A	-1,59	-2,41	1,96	2,36	3,271	<b>2,16</b>
NM_006948	STCH	-1,50	-2,00	2,23	2,07	2,87	<b>2,15</b>
NM_004438	EPHA4	-1,42	-1,30	1,81	2,41	1,948	<b>2,11</b>
NM_033260	FOXQ1	-1,58	-2,60	1,61	2,62	3,482	<b>2,11</b>
NM_018976	SLC38A2	-1,75	-1,82	1,84	2,31	2,159	<b>2,07</b>
NM_003714	STC2	-1,44	-1,48	1,72	2,39	2,118	<b>2,06</b>
NM_156036	HOXB6	-1,42	-1,47	2,54	1,57	2,13	<b>2,05</b>
NM_016639	TNFRSF12A	-1,57	-2,75	1,51	2,59	3,596	<b>2,05</b>
NM_003257	TJP1	-1,44	-1,73	1,78	2,29	2,431	<b>2,03</b>
NM_001731	BTG1	-1,42	-1,66	2,31	1,70	2,343	<b>2,00</b>
NM_018420	SLC22A15	-1,59	-1,91	2,23	1,72	2,375	<b>1,98</b>
NM_005801	SUI1	-2,08	-2,97	2,05	1,87	2,796	<b>1,96</b>
BC028704	ARRDC4	-1,37	-1,70	2,14	1,77	2,42	<b>1,96</b>
NM_152829	TES	-1,69	-1,63	1,71	2,19	1,884	<b>1,95</b>
NM_130469	JDP2	-1,67	-1,50	1,85	2,02	1,744	<b>1,93</b>
NM_007052	NOX1	-1,31	-1,39	1,59	2,24	2,034	<b>1,92</b>
D86962	GRB10	-1,68	-1,44	1,93	1,91	1,653	<b>1,92</b>

AL833530	NFE2L1	-1,38	-1,79	1,89	1,94	2,49	<b>1,91</b>
NM_003729	RTCD1	-1,76	-2,26	2,05	1,73	2,416	<b>1,89</b>
AB051487	DUSP16	-1,72	-2,01	1,65	2,11	2,192	<b>1,88</b>
NM_203472	SELS	-1,32	-1,72	2,06	1,67	2,425	<b>1,87</b>
NM_032705	MGC14801	-1,46	-1,56	1,96	1,72	1,966	<b>1,84</b>
THC1854890	LOC400782	-1,36	-1,95	1,96	1,69	2,628	<b>1,83</b>
NM_152680	FLJ32028	-1,52	-1,44	1,59	2,03	1,717	<b>1,81</b>
NM_024921	POF1B	-1,51	-1,73	1,62	2,00	2,071	<b>1,81</b>
NM_003212	TDGF1	-4,55	-1,65	2,15	1,36	0,636	<b>1,76</b>
NM_030674	SLC38A1	-1,37	-1,63	1,79	1,72	2,1	<b>1,76</b>
AK096099	LOC90288	-1,48	-1,40	2,12	1,39	1,654	<b>1,76</b>
NM_007214	SEC63	-1,46	-1,59	2,02	1,48	1,91	<b>1,75</b>
AB028948	THRAP2	-1,38	-1,88	1,99	1,51	2,386	<b>1,75</b>
BC012895	SLC7A1	-1,32	-1,39	1,58	1,74	1,745	<b>1,66</b>
AB082526	NEK9	-1,37	-1,32	1,78	1,52	1,585	<b>1,65</b>
NM_173576	C10orf48	-1,80	-1,45	1,77	1,52	1,327	<b>1,64</b>
NM_152429	C10orf13	-1,81	-1,65	1,72	1,56	1,499	<b>1,64</b>
AL833957	SETDB2	-1,32	-1,37	1,55	1,70	1,693	<b>1,63</b>
NM_032593	HINT2	-1,51	-1,35	1,71	1,42	1,395	<b>1,56</b>
NM_004071	CLK1	-1,41	-1,45	1,57	1,54	1,6	<b>1,56</b>
AK024274	SCYL2	-1,40	-1,75	1,48	1,63	1,946	<b>1,55</b>
U92014	SEC31L1	-1,34	-1,61	1,44	1,67	1,87	<b>1,55</b>
NM_004064	CDKN1B	-1,70	-1,77	1,50	1,58	1,602	<b>1,54</b>
NM_019022	TXNDC10	-1,68	-1,66	1,74	1,33	1,516	<b>1,53</b>
AK056882	RASEF	-1,49	-1,37	1,54	1,51	1,406	<b>1,53</b>
NM_152283	ZFP62	-2,56	-1,38	1,38	1,65	0,817	<b>1,52</b>
NM_015630	EPC2	-1,82	-1,58	1,31	1,72	1,315	<b>1,51</b>
NM_016106	SCFD1	-1,58	-1,74	1,56	1,46	1,661	<b>1,51</b>
NM_052965	C1orf19	-1,93	-1,34	1,41	1,60	1,049	<b>1,51</b>
NM_016628	WAC	-1,39	-1,90	1,35	1,65	2,052	<b>1,50</b>
BC000024	C12orf14	-1,39	-1,49	1,64	1,33	1,596	<b>1,49</b>
NM_002835	PTPN12	-1,35	-1,68	1,51	1,45	1,841	<b>1,48</b>
NM_002009	FGF7	-1,44	-1,40	1,56	1,40	1,433	<b>1,48</b>
NM_006756	TCEA1	-1,55	-1,95	1,70	1,25	1,853	<b>1,47</b>
X78926	ZNF268	-1,72	-1,35	1,32	1,62	1,15	<b>1,47</b>
NM_001239	CCNH	-1,42	-1,51	1,36	1,57	1,551	<b>1,46</b>
U39064	MAP2K6	-1,52	-1,44	1,52	1,39	1,386	<b>1,46</b>
NM_018359	FLJ11200	-1,36	-1,58	1,63	1,28	1,691	<b>1,45</b>
NM_003655	CBX4	-1,32	-1,31	1,45	1,46	1,445	<b>1,45</b>
AK056096	C9orf10OS	-1,80	-1,62	1,37	1,53	1,305	<b>1,45</b>
NM_013438	UBQLN1	-1,46	-1,57	1,29	1,62	1,566	<b>1,45</b>
NM_080632	UPF3B	-1,64	-1,61	1,31	1,58	1,413	<b>1,44</b>
NM_174908	C3orf6	-1,31	-1,42	1,31	1,57	1,558	<b>1,44</b>
NM_005324	H3F3B	-2,00	-2,47	1,48	1,40	1,772	<b>1,44</b>
AB051540	ZC3HDC5	-1,42	-1,42	1,41	1,45	1,434	<b>1,43</b>
NM_005843	STAM2	-1,33	-1,37	1,39	1,47	1,477	<b>1,43</b>
AK027341	KIAA1856	-2,04	-2,22	1,48	1,38	1,557	<b>1,43</b>
NM_002669	PLRG1	-1,52	-1,44	1,60	1,23	1,34	<b>1,42</b>
D87077	KIAA0240	-1,51	-1,43	1,52	1,31	1,335	<b>1,42</b>

NM_003122	SPINK1	-1,67	-2,03	1,44	1,39	1,712	<b>1,41</b>
NM_016304	C15orf15	-1,45	-1,42	1,56	1,26	1,376	<b>1,41</b>
NM_080820	HARS2	-1,88	-1,75	1,57	1,25	1,312	<b>1,41</b>
NM_139169	TRUB1	-1,66	-1,52	1,33	1,47	1,28	<b>1,40</b>
NM_003533	HIST1H3I	-1,59	-2,30	1,46	1,32	2,007	<b>1,39</b>
AL512717	DKFZp547E052	-1,48	-1,36	1,37	1,40	1,267	<b>1,38</b>
NM_021059	H3/o	-1,59	-2,28	1,46	1,29	1,984	<b>1,38</b>
NM_003537	HIST1H3B	-1,68	-2,35	1,39	1,34	1,912	<b>1,37</b>
NM_000346	SOX9	-2,32	-1,94	1,43	1,30	1,142	<b>1,37</b>
NM_144591	C10orf32	-2,06	-1,30	1,25	1,49	0,861	<b>1,37</b>
NM_014169	C14orf123	-1,41	-1,38	1,41	1,32	1,336	<b>1,36</b>
NM_022893	BCL11A	-2,29	-1,98	1,45	1,27	1,178	<b>1,36</b>
NM_003758	EIF3S1	-1,72	-1,50	1,47	1,24	1,182	<b>1,36</b>
NM_003534	HIST1H3G	-1,53	-2,11	1,40	1,31	1,871	<b>1,35</b>
NM_001904	CTNNB1	-1,72	-1,46	1,33	1,36	1,146	<b>1,35</b>
NM_016444	ZNF226	-1,42	-1,43	1,21	1,48	1,352	<b>1,34</b>
NM_001730	KLF5	-1,64	-1,73	1,35	1,33	1,416	<b>1,34</b>
NM_001386	DPYSL2	-1,54	-1,69	1,28	1,40	1,47	<b>1,34</b>
NM_014432	IL20RA	-1,88	-1,45	1,47	1,17	1,014	<b>1,32</b>
AB011134	KIAA0562	-1,58	-1,31	1,42	1,20	1,087	<b>1,31</b>
BC017665	CXorf39	-2,19	-2,14	1,22	1,39	1,276	<b>1,31</b>
AF107457	HLXB9	-1,39	-1,64	1,30	1,31	1,535	<b>1,30</b>
NM_004557	NOTCH4	-1,41	-1,34	1,19	1,41	1,241	<b>1,30</b>
NM_014153	ZC3HDC7	-1,37	-1,60	1,39	1,21	1,521	<b>1,30</b>