

Gene Symbol	Fold (MCF-7-TNR/MCF-7)	p-value	FDR
SLFN11	94.92479706	1.50E-12	0.000000
SLIT2	90.53579712	8.88E-10	0.000000
LRCH2	70.99120331	1.95E-10	0.000000
NEFL	36.37450027	1.71E-09	0.000000
HEY1	32.34989929	2.57E-12	0.000000
INA	25.60989952	2.40E-08	0.000002
DSC3	24.65060043	7.79E-09	0.000001
HOXB6	23.78569984	1.27E-07	0.000006
LGR5	21.84160042	8.19E-12	0.000000
LPHN3	16.95389938	5.66E-10	0.000000
FBN2	15.64280033	4.29E-07	0.000012
DACH1	13.80519962	1.33E-09	0.000000
HOXD13	11.5394001	5.79E-07	0.000015
PRKG1	8.702110291	1.39E-07	0.000006
ZEB2	8.444749832	1.11E-07	0.000005
PAX6	8.436149597	4.34E-07	0.000012
GUCY1A3	8.406590462	3.78E-08	0.000002
GPM6B	8.263360023	1.23E-06	0.000024
LAYN	7.514550209	4.44E-07	0.000012
FGF9	7.271220207	6.27E-07	0.000015
ITGA4	7.15007019	1.47E-08	0.000002
EPHA5	7.035200119	7.04E-07	0.000017
SLITRK3	7.00428009	1.49E-06	0.000027
C4orf49	6.54776001	2.42E-07	0.000008
FAM5C	6.325970173	1.83E-07	0.000007
FLRT2	6.198999882	7.90E-06	0.000088
HOXB3	6.141320229	3.26E-06	0.000047
PAX3	6.102739811	8.79E-10	0.000000
DPY19L2P2	6.011799812	1.63E-07	0.000007
CDH7	5.984980106	1.74E-07	0.000007
SLCO5A1	5.644279957	1.50E-07	0.000006
ZNF503	5.499209881	7.70E-07	0.000018
SPOCK3	5.379119873	7.15E-07	0.000017
NCAM1	5.351309776	1.08E-06	0.000022
LONRF3	5.339859962	1.84E-07	0.000007
ISL1	5.258029938	8.57E-07	0.000019
HOXB2	4.641620159	6.32E-07	0.000016
HOXC6	4.637619972	2.94E-09	0.000001
F2R	4.540239811	1.57E-06	0.000028
MLLT3	4.469230175	2.91E-06	0.000043
DOK6	4.344779968	2.52E-04	0.001264

ELMOD1	4.109920025	3.39E-06	0.000048
TLL1	4.099110126	4.59E-06	0.000060
PCDH17	4.054830074	1.86E-06	0.000032
NOL4	4.039509773	1.11E-07	0.000005
UNC5C	3.964829922	5.99E-08	0.000003
LRFN5	3.829540014	1.48E-06	0.000027
COLEC12	3.811870098	7.24E-07	0.000017
GHR	3.715790033	1.58E-07	0.000006
CDKN2C	3.632980108	4.97E-08	0.000003
RPS6KA6	3.632110119	1.95E-06	0.000033
NEFM	3.34968996	1.42E-06	0.000026
DCLK2	3.337519884	1.41E-06	0.000026
RNF128	3.297610044	4.28E-07	0.000012
LRP2	3.287729979	1.04E-05	0.000107
FOXG1	3.138979912	1.56E-05	0.000145
KCNK2	3.129750013	1.14E-05	0.000115
SEMA6D	3.123460054	7.48E-05	0.000480
HOXB8	3.119760036	2.72E-06	0.000041
HHIP	3.095679998	2.98E-06	0.000044
ARHGAP20	3.095540047	5.46E-05	0.000375
TRIM9	3.093889952	1.37E-04	0.000774
HOXC11	3.046279907	1.59E-06	0.000028
MKX	2.93001008	5.99E-05	0.000403
POU4F1	2.858119965	1.18E-04	0.000685
DLX2	2.754379988	6.00E-05	0.000403
HOXB13	2.726490021	1.80E-05	0.000161
IKZF3	2.64399004	6.18E-06	0.000074
ANKRD20A3	2.6378901	3.86E-06	0.000053
HOXC8	2.612240076	3.06E-06	0.000045
ANKRD20A1	2.59671998	3.10E-06	0.000046
ANKRD20A2	2.519579887	2.95E-05	0.000235
LHX8	2.44265008	1.22E-05	0.000121
SLC30A4	2.294430017	4.35E-07	0.000012
COL25A1	2.293169975	2.53E-05	0.000208
HOXD4	2.272140026	3.86E-05	0.000288
MCOLN3	2.266340017	2.55E-06	0.000040
SIX1	2.247240067	7.01E-07	0.000017
EPB41L4A	2.236099958	1.05E-05	0.000108
HOXB7	2.20152998	9.74E-06	0.000102
TBX3	2.194560051	6.16E-05	0.000412
DDAH1	2.128789902	1.53E-08	0.000002
GLT25D2	2.082890034	9.52E-05	0.000580

TMEFF2	2.060280085	4.81E-06	0.000062
ISL2	2.057070017	4.79E-06	0.000062
KCNC4	2.040640116	1.36E-04	0.000770
HOXD3	2.000669956	2.48E-04	0.001246
NPR3	0.499175005	5.93E-06	0.000072
IRX4	0.487553013	1.25E-04	0.000716
MT1H	0.486813973	2.22E-04	0.001140
BHLHE41	0.484253996	3.23E-04	0.001555
TRADD	0.476679027	5.25E-07	0.000014
LYSMD2	0.475443006	1.90E-05	0.000168
ASCL2	0.469876006	1.03E-04	0.000615
KCND3	0.469047984	2.42E-04	0.001223
PMP22	0.456546985	3.17E-06	0.000046
EFNA3	0.436899021	3.71E-06	0.000052
GRIK3	0.43580698	1.11E-04	0.000656
PLEC	0.425565005	2.58E-05	0.000212
HSPA6	0.423699982	2.45E-04	0.001236
PRKCE	0.415892981	1.52E-05	0.000143
VDR	0.41469098	2.97E-06	0.000044
ZFHX3	0.409849992	1.39E-06	0.000026
KIAA1199	0.409172008	1.76E-05	0.000159
MAPT	0.404388015	8.28E-05	0.000520
CYP24A1	0.394723994	1.56E-05	0.000145
C5orf39	0.390576993	1.73E-04	0.000936
IRX3	0.389551996	2.80E-05	0.000226
ABTB2	0.378941008	1.81E-08	0.000002
TMOD2	0.378937002	2.27E-05	0.000192
SYT12	0.378069008	4.83E-06	0.000062
LMX1B	0.376172989	4.04E-06	0.000055
B4GALNT1	0.366605002	8.79E-06	0.000095
SUSD4	0.353246015	1.03E-06	0.000021
CASZ1	0.351579996	7.27E-04	0.003043
TBX2	0.331308998	1.99E-08	0.000002
EGR3	0.321342006	1.10E-04	0.000649
SCNN1G	0.315178992	4.80E-05	0.000340
PKP1	0.309603989	3.66E-05	0.000276
FLJ45983	0.303814999	1.32E-05	0.000128
ALOX15	0.274848007	5.42E-07	0.000014
EFNA1	0.270449993	1.30E-06	0.000025
SHC4	0.261999998	3.43E-06	0.000049
CAMK2N1	0.261129008	1.75E-07	0.000007
BCL2	0.251323005	2.34E-07	0.000008

MYO5B	0.228716011	4.48E-07	0.000012
NAV2	0.221318999	2.82E-07	0.000009
DNAJC22	0.212828001	7.83E-07	0.000018
CACNA1D	0.201434993	8.56E-08	0.000004
CXCL16	0.190136002	1.38E-06	0.000026
CTNND2	0.188282005	1.15E-08	0.000001
EPAS1	0.183368005	1.59E-06	0.000028
DUSP4	0.167091003	1.65E-07	0.000007
NPY1R	0.166754	1.55E-08	0.000002
LGALS3	0.163541996	2.00E-07	0.000007
KLF4	0.14033	1.18E-05	0.000118
SLC9A2	0.126631997	2.15E-08	0.000002
NPNT	0.118996003	1.26E-10	0.000000
PGR	0.088558901	4.94E-08	0.000003
FBP1	0.068931601	3.50E-08	0.000002
TMEM30B	0.063852999	3.71E-08	0.000002
SIDT1	0.0506596	4.67E-09	0.000001
GATA3	0.0387425	1.11E-08	0.000001
DKK1	0.034603499	1.77E-08	0.000002
KIAA1324	0.023831099	1.05E-08	0.000001

Supplementary Materials Table 8. Differential expression of the PRC2\_TARGETS genes in the gene expression arrays of MCF-7 and MCF-7-TNR cells (initially reported in Antoon JW, et al. Altered death receptor signaling promotes epithelial-to-mesenchymal transition and acquired chemoresistance. Sci Rep. 2012;2:539. PubMed PMID: 22844580).