

Gene Symbol	Fold (MCF-7-TNR/MCF-7)	p-value	FDR
PLS3	236.0590057	1.46E-09	0.000000
AGPS	119.0240021	5.27E-10	0.000000
AKT3	69.20179749	7.96E-11	0.000000
SLC6A15	57.65390015	4.77E-09	0.000001
AKR1B1	46.65840149	6.09E-11	0.000000
GSTP1	40.60359955	6.05E-10	0.000000
CCDC88A	36.18149948	2.07E-11	0.000000
BTG3	32.87469864	4.54E-10	0.000000
FSTL1	30.64819908	6.56E-09	0.000001
TLE4	27.69210052	1.19E-07	0.000005
GNAI1	27.64080048	7.71E-09	0.000001
IGF2BP3	27.37949944	7.18E-06	0.000083
DSC3	24.65060043	7.79E-09	0.000001
SLC1A3	21.44039917	1.67E-07	0.000007
WBP5	21.31290054	2.72E-07	0.000009
PLA2G4A	21.23649979	2.10E-07	0.000008
TNFRSF10D	17.58139992	9.19E-10	0.000000
MSN	16.35659981	2.04E-07	0.000007
HOXA5	15.22939968	1.47E-08	0.000002
ZDHHC2	15.04520035	1.21E-09	0.000000
FHL1	14.95880032	1.44E-08	0.000002
OSBPL3	12.34799957	2.42E-08	0.000002
GJC1	11.44499969	3.91E-09	0.000001
ADD3	11.24260044	3.83E-08	0.000003
SNAI2	10.98960018	1.93E-05	0.000170
BTN3A2	10.9616003	2.20E-07	0.000008
LOX	10.8671999	5.33E-08	0.000003
WLS	10.65030003	4.19E-07	0.000012
CALD1	9.644189835	5.01E-06	0.000064
GPM6B	8.263360023	1.23E-06	0.000024
HSD17B11	8.254130363	1.79E-07	0.000007
PDGFC	8.134400368	1.24E-07	0.000005
BICC1	8.002220154	9.04E-07	0.000020
ATP10D	6.913630009	5.40E-08	0.000003
B3GNT5	6.87887001	7.62E-08	0.000004
CYBRD1	6.55892992	5.71E-06	0.000070
DSE	6.454760075	1.66E-07	0.000007
ANTXR1	6.339600086	1.15E-07	0.000005
LYN	5.993350029	2.91E-08	0.000002
IGF2BP2	5.987559795	2.55E-07	0.000008
PPP1R14C	5.564330101	8.50E-07	0.000019

GABRE	5.522250175	2.37E-06	0.000038
HOXA1	5.359449863	9.90E-07	0.000021
HMGA2	5.128240108	1.96E-05	0.000172
RNF145	5.116640091	1.79E-07	0.000007
GPX8	5.042540073	1.13E-06	0.000023
CDK6	4.886919975	3.42E-07	0.000010
CFL2	4.801209927	8.89E-10	0.000000
MAP7D3	4.569459915	1.04E-06	0.000021
VSNL1	4.436180115	2.10E-06	0.000035
EMP3	4.359980106	6.73E-06	0.000079
PLAT	4.32434988	2.21E-06	0.000036
HOXA3	4.294879913	5.91E-05	0.000398
GNAL	4.205550194	5.49E-06	0.000068
RBMS3	4.188210011	4.89E-06	0.000063
PRSS12	4.048989773	2.19E-06	0.000036
PTPRM	4.00248003	1.58E-06	0.000028
CCDC28A	3.948299885	1.25E-06	0.000024
ERAP2	3.836319923	1.99E-06	0.000033
SCHIP1	3.753639936	4.88E-07	0.000013
DNAJB4	3.738539934	2.36E-08	0.000002
SNX7	3.72059989	9.21E-07	0.000020
FXD5	3.605730057	3.33E-06	0.000048
SPRY2	3.52402997	3.56E-05	0.000270
FAM171A1	3.490829945	6.04E-07	0.000015
RGL1	3.301280022	4.56E-07	0.000012
PM20D2	3.19656992	2.36E-08	0.000002
PSAT1	3.102200031	7.36E-07	0.000017
SLC9A6	3.099009991	6.97E-08	0.000004
ZC3H12C	3.077950001	7.49E-06	0.000085
SERPINE2	3.035559893	1.03E-06	0.000021
FAM101B	3.022819996	7.92E-06	0.000089
SLC16A1	2.844690084	2.10E-07	0.000008
ABCD3	2.768100023	9.77E-08	0.000005
GNG12	2.749370098	2.65E-06	0.000041
SKAP2	2.716559887	1.30E-06	0.000025
MET	2.703639984	2.14E-07	0.000008
DPYD	2.647310019	4.37E-06	0.000058
CDC42EP3	2.638710022	6.49E-06	0.000077
FGF2	2.587169886	1.07E-05	0.000110
PKN2	2.5025599	2.26E-07	0.000008
SRPX	2.491430044	3.95E-04	0.001835
CTSC	2.469460011	9.15E-07	0.000020

GTF2B	2.46333003	5.31E-06	0.000066
KIRREL	2.442810059	4.97E-06	0.000063
PRKD3	2.425250053	9.72E-07	0.000021
NDFIP2	2.35777998	9.21E-06	0.000098
SRI	2.312200069	9.64E-06	0.000102
GART	2.302160025	1.50E-08	0.000002
INPP1	2.289319992	4.07E-06	0.000055
CCDC82	2.257869959	4.80E-08	0.000003
RBFOX2	2.177550077	2.20E-04	0.001136
ITM2C	2.143650055	4.83E-06	0.000062
TMED5	2.126280069	2.75E-06	0.000042
FGFBP1	2.114969969	3.61E-07	0.000011
COL4A2	2.103169918	4.12E-04	0.001902
CCDC80	2.096960068	8.55E-05	0.000531
FMNL2	2.095669985	4.92E-07	0.000013
MFGE8	2.082149982	5.62E-06	0.000069
COL4A1	2.064909935	2.73E-06	0.000041
SOAT1	2.040560007	1.36E-04	0.000770
ARNTL2	2.032330036	5.26E-06	0.000066
MTMR2	2.001060009	4.94E-04	0.002212
PSMB9	0.495726003	1.23E-04	0.000710
CASP4	0.495186976	5.17E-06	0.000065
CCNYL1	0.494637978	9.88E-05	0.000598
LAMB3	0.494263995	3.87E-04	0.001804
GPSM2	0.492356005	5.44E-05	0.000374
CFLAR	0.490459018	1.25E-04	0.000716
SVIL	0.489775023	3.18E-06	0.000046
MT1H	0.486813973	1.23E-05	0.000121
MT1F	0.473649001	2.36E-05	0.000198
WDR1	0.462513995	3.71E-07	0.000011
MYL12A	0.461819978	9.81E-06	0.000103
TRIM29	0.456585005	3.61E-06	0.000051
MT1G	0.437358011	4.04E-06	0.000055
MYO1B	0.43477099	9.89E-07	0.000021
AKR1B10	0.430812996	2.06E-04	0.001073
SLPI	0.423434011	5.24E-05	0.000363
IFIT3	0.417476983	3.46E-04	0.001647
RALB	0.411229981	2.86E-05	0.000230
FNDC3B	0.408380999	1.02E-06	0.000021
CD58	0.395976999	2.45E-06	0.000038
GBP1	0.394231997	3.07E-05	0.000242
TAX1BP3	0.387285008	4.69E-06	0.000061

RBMS1	0.372347009	2.29E-04	0.001168
GBP3	0.365452006	2.18E-06	0.000035
TP63	0.359605002	1.34E-06	0.000025
NRP1	0.331187012	1.76E-07	0.000007
ANXA4	0.331159006	2.35E-07	0.000008
FZD6	0.315218004	2.22E-07	0.000008
IL18	0.311753998	1.67E-04	0.000907
TMEM154	0.31130899	2.37E-06	0.000038
SMAD3	0.281467009	5.73E-07	0.000015
ACTN1	0.280910997	3.13E-06	0.000046
SPATS2L	0.276585004	3.40E-05	0.000261
LAMC2	0.274641007	1.17E-06	0.000023
MT2A	0.258655003	3.73E-06	0.000052
TGFBI	0.252758995	1.10E-04	0.000649
TGFA	0.233344998	6.78E-07	0.000016
NAV2	0.221318999	2.82E-07	0.000009
OSMR	0.164666006	7.54E-07	0.000017
SP100	0.15441	3.05E-06	0.000045
ITGA3	0.148790999	1.36E-08	0.000001
AKR1C1	0.147877001	2.86E-06	0.000043
ANXA3	0.141484002	3.45E-07	0.000010
NMI	0.141331996	8.26E-06	0.000091
PHLDA1	0.123365003	2.41E-07	0.000008
CDH3	0.117519003	1.78E-08	0.000002
CD44	0.115375	9.10E-07	0.000020
SFN	0.094577499	3.64E-07	0.000011
AKR1C3	0.0855852	6.60E-08	0.000004
AIM1	0.054062197	2.82E-08	0.000002
IFI27	0.0378918	1.48E-08	0.000002
AKR1C2	0.0215412	2.34E-07	0.000008

Supplementary Materials Table 7. Differential expression of the LUMINAL\_VS\_BASAL\_DN 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).