

**PTC LNM-P Normal vs Tumour (33)**

gene name	value_1	value_2	log2_fold_change	p_value	q_value
DLEU2,MIR15A	1.39302	34.1049	4.61369	5.00E-05	0.02689
GABRE,MIR224,MIR452	4.01896	97.1454	4.59525	5.00E-05	0.02689
CBX5,MIR3198-2	7.7207	174.113	4.49515	5.00E-05	0.02689
MIR125A,SPACA6	6.74403	130.022	4.26901	5.00E-05	0.02689
MIR8072,SBNO1	4.3599	69.848	4.00185	5.00E-05	0.02689
AC007362.1	0.284066	4.09058	3.84801	5.00E-05	0.02689
CIT,MIR1178	2.50522	26.1585	3.38427	5.00E-05	0.02689
AC022384.1,GHRLOS,LIN C00852,TATDN2	8.57456	87.6991	3.35443	5.00E-05	0.02689
MIR1204,PVT1,PVT1_1,P VT1_3	8.10213	75.9809	3.22926	5.00E-05	0.02689
RAP1GAP2	1119.21	10339.5	3.20761	5.00E-05	0.02689
NUP160,RNA5SP340	5.07533	39.857	2.97326	5.00E-05	0.02689
TSC22D1	11.4702	43.1293	1.91077	1.00E-04	0.0495342
MAGI2	2.45564	9.00338	1.87437	5.00E-05	0.02689
MTUS1	5.57816	20.0229	1.84379	5.00E-05	0.02689
SATB1-AS1	2.53798	1.44945	-0.808177	5.00E-05	0.02689
RYR3	27.7943	9.04057	-1.62031	5.00E-05	0.02689
MBD5	59.0629	18.3945	-1.68298	5.00E-05	0.02689
NDRG4	8.06712	2.39203	-1.75382	5.00E-05	0.02689
MECP2	64.3939	15.0831	-2.09399	5.00E-05	0.02689
HBA2	783.193	156.217	-2.32582	5.00E-05	0.02689
GLDC	4.84031	0.891947	-2.44007	5.00E-05	0.02689
EDDM13	4.79201	0.787392	-2.60548	1.00E-04	0.0495342
AC002094.1,MIR4723,SA RM1,TMEM199	93.711	15.2078	-2.62341	5.00E-05	0.02689
DOK3	4.55587	0.689218	-2.72469	5.00E-05	0.02689
CARMN,MIR143	44.6969	5.65627	-2.98225	5.00E-05	0.02689
AC233992.1,DGAT1,MIR6 848	105.591	11.8752	-3.15247	5.00E-05	0.02689
RNF32	3.29432	0.354031	-3.21803	5.00E-05	0.02689
WEE1,snoU13	121.986	10.6069	-3.52365	1.00E-04	0.0495342
MARF1,MIR6506	143.614	12.0631	-3.57353	5.00E-05	0.02689
SNORD50,VPS29	312.017	17.0062	-4.19749	5.00E-05	0.02689
COL9A3	69.8831	3.17688	-4.45926	5.00E-05	0.02689
KIAA1524	6.43097	0.201436	-4.99664	5.00E-05	0.02689
ZEB2- AS1,ZEB2_AS1_1,ZEB2_A S1_3,ZEB2_AS1_4	50.1196	0.864154	-5.85794	5.00E-05	0.02689

PTC LNN Normal vs Tumour (69)

gene name	value_1	value_2	log2_fold_change	p_value	q_value
SYT12	0.00509928	6.41963	10.298	5.00E-05	0.0137093
LCN2	0.0271349	2.65024	6.60983	5.00E-05	0.0137093
RYR3	0.463661	44.6903	6.59075	5.00E-05	0.0137093
MIR125A,SPACA6	5.00833	358.486	6.16144	5.00E-05	0.0137093
KRT15,MIR6510	0.0426437	2.87336	6.07426	5.00E-05	0.0137093
HAGHL	1.53784	94.7454	5.94508	5.00E-05	0.0137093
AC009403.1,AC009403.2,CNPY1	0.0700556	4.11505	5.87626	5.00E-05	0.0137093
SLC34A2	2.93086	144.112	5.61972	5.00E-05	0.0137093
FN1	25.8368	979.456	5.24448	5.00E-05	0.0137093
CDKN2A	0.100953	2.80476	4.79612	5.00E-05	0.0137093
AC027088.1,NOX5,SPESP1	0.0745907	1.92973	4.69326	5.00E-05	0.0137093
KCNQ3	0.113519	2.63502	4.53681	5.00E-05	0.0137093
SLC12A5	0.181826	4.21314	4.53427	5.00E-05	0.0137093
AL391597.1,CD55	3.15113	60.2271	4.25647	5.00E-05	0.0137093
CDH3	1.76841	29.5465	4.06246	5.00E-05	0.0137093
ZEB2-AS1,ZEB2_AS1_1,ZEB2_AS1_3,ZEB2	2.14348	33.0789	3.94789	5.00E-05	0.0137093
SLC13A5	0.21724	3.24585	3.90123	5.00E-05	0.0137093
SERPINA1	11.563	163.267	3.81965	5.00E-05	0.0137093
ETV4	0.699533	8.34429	3.57632	5.00E-05	0.0137093
GRIA3	0.179682	2.12806	3.56602	5.00E-05	0.0137093
MIR4523,TAOK1	8.70929	102.912	3.56271	5.00E-05	0.0137093
TGFA	1.20626	13.102	3.44117	5.00E-05	0.0137093
MMP11	0.675664	6.59918	3.28791	5.00E-05	0.0137093
POLR1D	13.8667	130.416	3.23343	5.00E-05	0.0137093
AC020978.6,ESRP2,MIR6773	12.785	114.438	3.16204	5.00E-05	0.0137093
CTSH	19.4361	160.756	3.04807	5.00E-05	0.0137093
TUSC3	0.91343	6.70973	2.87689	5.00E-05	0.0137093
MAGI2	3.84705	27.613	2.84352	5.00E-05	0.0137093
TNC	3.69502	24.5146	2.72999	5.00E-05	0.0137093
PHLDB3	1.2018	7.38942	2.62026	1.00E-04	0.0239116
PROS1	2.07619	12.6965	2.61242	5.00E-05	0.0137093
LAMA5,MIR4758	30.1349	183.272	2.60448	5.00E-05	0.0137093
LTBP1	2.76042	16.0402	2.53873	0.00015	0.0354552
MIR4709,NPC2	111.602	602.482	2.43256	5.00E-05	0.0137093
TPRG1	0.693073	3.72031	2.42434	5.00E-05	0.0137093
AC254633.1	3.38443	17.3593	2.35873	5.00E-05	0.0137093
PAM	53.9353	265.33	2.29848	5.00E-05	0.0137093
ESPN	0.605128	2.91311	2.26725	5.00E-05	0.0137093
DLEU1,DLEU1_1,DLEU1_2,DLEU2_6	1.99395	9.39791	2.23671	5.00E-05	0.0137093
UPP1	3.51862	16.4009	2.22069	1.00E-04	0.0239116
SHROOM4	1.07503	4.8543	2.17489	5.00E-05	0.0137093
HMGNA4	10.2	43.8076	2.10261	1.00E-04	0.0239116
CYP1B1,RMDN2-AS1	2.71844	11.1033	2.03013	1.00E-04	0.0239116
S100A4	24.4821	99.5113	2.02313	5.00E-05	0.0137093

RN7SL664P	93.6732	358.615	1.93673	5.00E-05	0.0137093
DNM1	1.38878	4.99785	1.8475	1.00E-04	0.0239116
TMSB10	170.723	606.531	1.82893	5.00E-05	0.0137093
MRC2,TLK2	13.1504	43.4362	1.7238	5.00E-05	0.0137093
TPM2	16.3597	52.2727	1.67591	5.00E-05	0.0137093
MICAL2	9.15493	25.129	1.45673	1.00E-04	0.0239116
NDRG4	4.13746	2.1273	-0.959722	1.00E-04	0.0239116
AC233280.20,LINC00969,MUC20,SDHAP:	81.2036	31.9604	-1.34526	1.00E-04	0.0239116
AC011700.1,PROX1-AS1	3.45785	1.21617	-1.50753	5.00E-05	0.0137093
IL32,RNU1-125P	14.0898	4.9024	-1.52309	5.00E-05	0.0137093
LAMTOR5-AS1	3.42116	1.09316	-1.64599	5.00E-05	0.0137093
WDR72	13.1195	3.34263	-1.97265	2.00E-04	0.0456978
RGS16	23.0631	5.55523	-2.05367	1.00E-04	0.0239116
ALO22068.1	24.8723	5.65565	-2.13678	1.00E-04	0.0239116
AC116353.4,AC116353.5,APBB3,MIR683:	73.6416	15.3181	-2.26529	5.00E-05	0.0137093
STARD13-AS	14.289	2.61796	-2.44839	5.00E-05	0.0137093
AC090772.3,OSBPL1A	60.74	10.3832	-2.54839	1.00E-04	0.0239116
EDDM13	2.92301	0.432532	-2.75658	5.00E-05	0.0137093
AL117209.1,AMN	2.34042	0.273081	-3.09937	5.00E-05	0.0137093
CCSER1	13.9422	1.54634	-3.17253	5.00E-05	0.0137093
MIR6717,NDRG2	295.001	21.6305	-3.76958	5.00E-05	0.0137093
AGPAT1,MIR6721	92.2005	6.43697	-3.84032	5.00E-05	0.0137093
AL669831.5	20.6693	0.966813	-4.41811	5.00E-05	0.0137093
AC097662.1	4.38926	0.0701115	-5.96818	2.00E-04	0.0456978
SOX10	10.855	0.0637931	-7.41074	5.00E-05	0.0137093

---

PTC LNM-P Tumour vs PTC LNN Tumour (31)

gene name	value_1	value_2	log2_fold_change	p_value	q_value
SLC13A5	0.00104954	4.62721	12.1062	5.00E-05	0.0283014
NKAIN1	0.00361438	2.60232	9.49184	5.00E-05	0.0283014
AC016831.1,MIR29A,MIR29B1	1.5451	55.6568	5.17079	5.00E-05	0.0283014
AL157996.1,GALNT16	2.4279	70.6038	4.86197	5.00E-05	0.0283014
ZEB2-AS1,ZEB2_AS1_1,ZEB2_AS1_3,ZEB2_#	0.762316	19.9961	4.71318	5.00E-05	0.0283014
HAGHL	3.59952	65.651	4.18894	5.00E-05	0.0283014
MIR4523,TAOK1	8.28104	131.938	3.99391	5.00E-05	0.0283014
MIR4750,TBC1D17	9.58496	137.039	3.83767	5.00E-05	0.0283014
AC020978.6,ESRP2,MIR6773	16.2944	146.955	3.17293	5.00E-05	0.0283014
DNAH9	0.238113	1.95357	3.0364	5.00E-05	0.0283014
CPAMD8	3.65084	21.0273	2.52596	5.00E-05	0.0283014
SPEG	1.52517	8.23257	2.43238	5.00E-05	0.0283014
LAMA5,MIR4758	39.5418	198.714	2.32924	5.00E-05	0.0283014
SYBU	1.92128	9.08202	2.24095	5.00E-05	0.0283014
LAMTOR5-AS1	3.24697	0.985168	-1.72065	5.00E-05	0.0283014
FP565260.1,FP565260.2,FP565260.6	2.32812	0.634876	-1.87462	5.00E-05	0.0283014
MIR1204,PVT1,PVT1_1,PVT1_3	63.2098	15.8221	-1.9982	5.00E-05	0.0283014
GRID1,uc_338	8.9997	2.17279	-2.05033	5.00E-05	0.0283014
AL512590.2,AL512590.3,AL590705.4,AL59C	21.892	3.23925	-2.75667	5.00E-05	0.0283014
RNU6-23P,ST3GAL2	38.2931	5.2369	-2.8703	5.00E-05	0.0283014
MIR8072,SBNO1	49.044	6.30658	-2.95915	5.00E-05	0.0283014
PASK	51.459	6.42094	-3.00257	5.00E-05	0.0283014
NA	8644.12	815.807	-3.40542	5.00E-05	0.0283014
AC022384.1,GHRLOS,LINC00852,TATDN2	83.3497	6.61002	-3.65645	5.00E-05	0.0283014
ADAMTSL4,MIR4257	52.8266	3.21905	-4.03656	5.00E-05	0.0283014
CBX5,MIR3198-2	178.637	8.026	-4.47621	5.00E-05	0.0283014
SCN8A	8.03715	0.324273	-4.63141	5.00E-05	0.0283014
AC010317.1	19.8905	0.773783	-4.684	5.00E-05	0.0283014
CIT,MIR1178	30.1364	1.12192	-4.74746	5.00E-05	0.0283014
DLEU2,MIR15A	35.6057	0.620828	-5.84177	5.00E-05	0.0283014
TRPM2,snoZ6	128.398	1.50964	-6.41027	5.00E-05	0.0283014

**PTC LNM-P Normal vs PTC LNN Normal (44)**

gene name	value_1	value_2	log2_fold	p_value	q_value
MIR17,MIR17HG,MIR18A,MIR19A,MIR19B1,MIR20A,N	0.463637	42.6739	6.52421	5.00E-05	0.01836
LIFR,MIR3650	10.0906	339.455	5.07213	5.00E-05	0.01836
RNY3P15,UHRF1BP1	1.33474	25.5124	4.25657	5.00E-05	0.01836
KLF6	16.3061	148.227	3.18432	5.00E-05	0.01836
MIR6501,SON	60.6214	533.868	3.13858	1.00E-04	0.033896
CYR61	14.6704	127.588	3.12051	5.00E-05	0.01836
ATF3	5.88317	50.6582	3.10613	5.00E-05	0.01836
EGR2	6.7379	47.2686	2.81051	5.00E-05	0.01836
CBX5,MIR3198-2	8.48863	57.2258	2.75306	5.00E-05	0.01836
RCAN1	2.04095	12.1486	2.57347	5.00E-05	0.01836
NR4A1	40.5006	239.827	2.56598	1.00E-04	0.033896
COL9A2	1.34134	7.43887	2.47141	5.00E-05	0.01836
AC090772.3,OSBPL1A	11.5454	58.4474	2.33982	5.00E-05	0.01836
AKAP13,MIR7706	43.597	209.694	2.26598	5.00E-05	0.01836
AL139287.1,INTS11,MIR6727	48.1115	200.464	2.05889	5.00E-05	0.01836
C1orf159	0.752233	2.92708	1.96021	0.00015	0.047213
TTC28-AS1,TTC28-AS1_1,TTC28-AS1_2,TTC28-AS1_3,T	4.7713	17.7534	1.89564	5.00E-05	0.01836
AC093330.2,MBP	13.05	5.70383	-1.19405	0.00015	0.047213
HDAC9	6.15854	1.79961	-1.7749	5.00E-05	0.01836
POLR1D	43.0579	12.4572	-1.7893	5.00E-05	0.01836
LMBR1	33.7946	8.44408	-2.00078	5.00E-05	0.01836
AL355581.1,SAMD3	6.75789	1.67742	-2.01033	5.00E-05	0.01836
FASN	69.195	15.1047	-2.19567	5.00E-05	0.01836
SPOCK2	14.4388	2.93236	-2.29982	1.00E-04	0.033896
ZEB2-AS1,ZEB2_AS1_1,ZEB2_AS1_3,ZEB2_AS1_4	29.2149	5.12868	-2.51005	5.00E-05	0.01836
DLEU1,DLEU1_1,DLEU1_2,DLEU2_6	9.40315	1.62716	-2.53079	5.00E-05	0.01836
SP140	6.91923	0.955876	-2.85572	5.00E-05	0.01836
AC002094.1,MIR4723,SARM1,TMEM199	82.029	9.33448	-3.13549	5.00E-05	0.01836
MIR7109,PISD	114.36	12.7905	-3.16044	5.00E-05	0.01836
MARF1,MIR6506	120.358	12.3492	-3.28485	5.00E-05	0.01836
LRWD1,MIR4467,MIR5090	33.7459	3.45934	-3.28614	1.00E-04	0.033896
FNDC5	6.62492	0.594827	-3.47736	0.00015	0.047213
MMP11	9.05059	0.805452	-3.49014	5.00E-05	0.01836
TUG1,TUG1_1,TUG1_2,TUG1_3,TUG1_4	188.517	15.548	-3.59989	5.00E-05	0.01836
CARMN,MIR143	51.4139	4.02693	-3.67441	5.00E-05	0.01836
AC009950.1	4.71259	0.366993	-3.6827	5.00E-05	0.01836
FAM172A,MIR2277,POU5F2	87.3049	5.91173	-3.88441	5.00E-05	0.01836
SNORD50,VPS29	336.796	16.8594	-4.32025	5.00E-05	0.01836
CBFA2T3	7.37309	0.356678	-4.36958	5.00E-05	0.01836
DNM1	22.3698	1.0067	-4.47384	5.00E-05	0.01836
FN1	616.316	21.3378	-4.85219	5.00E-05	0.01836
SLC34A2	75.3413	2.55948	-4.87952	5.00E-05	0.01836
TTLL7	24.9895	0.713823	-5.12961	5.00E-05	0.01836
RYR3	25.8012	0.339426	-6.2482	5.00E-05	0.01836