

Genes differentially expressed between HepG2-pCERS2<sup>A</sup> and HepG2-pCERS2<sup>C</sup> cells.

Ensembl ID	Gene Symbol	baseMean	log2 Fold Change	Fold Change
<b>Up-regulated genes in HepG2-pCERS2<sup>C</sup> cells</b>				
ENSG00000198938	<i>MT-CO3</i>	1039135	1.4	2.64
ENSG00000198727	<i>MT-CYB</i>	1373463	1.4	2.64
ENSG00000251562	<i>MALAT1</i>	32160	1.6	3.03
ENSG00000198899	<i>MT-ATP6</i>	1131858	1.4	2.64
ENSG00000198712	<i>MT-CO2</i>	1656862	1.4	2.64
ENSG00000210195	<i>MT-TT</i>	4409	1.3	2.46
ENSG00000198804	<i>MT-CO1</i>	3744276	1.4	2.64
ENSG00000198888	<i>MT-ND1</i>	1339954	1.4	2.64
ENSG00000211459	<i>MT-RNR1</i>	256686	1.4	2.64
ENSG00000198763	<i>MT-ND2</i>	1362863	1.4	2.64
ENSG00000198886	<i>MT-ND4</i>	6808994	1.4	2.64
ENSG00000274422	AC245060.5	2602	1.6	3.03
ENSG00000198695	<i>MT-ND6</i>	22916	1.2	2.30
ENSG00000260296	AC095057.3	498	1.3	2.46
ENSG00000224712	<i>NPIA3</i>	1357	1.2	2.30
ENSG00000212907	<i>MT-ND4L</i>	349922	1.5	2.83
ENSG00000228253	<i>MT-ATP8</i>	53870	1.3	2.46
ENSG00000198786	<i>MT-ND5</i>	2860281	1.3	2.46
ENSG00000209082	<i>MT-TL1</i>	457	1.6	3.03
ENSG00000255031	AP002807.1	238	1.4	2.64
ENSG00000198840	<i>MT-ND3</i>	646401	1.4	2.64
ENSG00000210100	<i>MT-TI</i>	1808	1.0	2.00
ENSG00000198590	<i>C3orf35</i>	404	1.6	3.03
ENSG00000139631	<i>CSAD</i>	1068	1.2	2.30
ENSG00000125735	<i>TNFSF14</i>	878	1.2	2.30
ENSG00000198467	<i>TPM2</i>	2793	1.4	2.64
ENSG00000210154	<i>MT-TD</i>	459	1.3	2.46
ENSG00000226742	<i>HSBP1L1</i>	580	1.1	2.14

ENSG00000255823	<i>MTRNR2L8</i>	2475	1.3	2.46
ENSG00000212694	<i>LINC01089</i>	248	1.3	2.46
ENSG00000269821	<i>KCNQ1OT1</i>	3881	1.1	2.14
ENSG00000210082	<i>MT-RNR2</i>	6597104	1.2	2.30
ENSG00000186166	<i>CCDC84</i>	1606	1.0	2.00
ENSG00000269028	<i>MTRNR2L2</i>	924	1.3	2.46
ENSG00000204305	<i>AGER</i>	352	1.2	2.30
ENSG00000180815	<i>MAP3K15</i>	269	1.2	2.30
ENSG00000167524	<i>RSKR</i>	272	1.0	2.00
ENSG00000164879	<i>CA3</i>	232	1.3	2.46

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**Down-regulated genes in HepG2-pCERS2<sup>C</sup> cells**

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ENSG00000079739	<i>PGM1</i>	309	-1.5	-2.83
ENSG00000198830	<i>HMGN2</i>	1111	-1.1	-2.14
ENSG00000099937	<i>SERPIND1</i>	3756	-1.2	-2.30
ENSG00000111786	<i>SRSF9</i>	689	-1.0	-2.00
ENSG00000100473	<i>COCH</i>	251	-1.3	-2.46
ENSG00000135452	<i>TSPAN31</i>	247	-1.1	-2.14
ENSG00000164258	<i>NDUFS4</i>	288	-1.1	-2.14
ENSG00000135926	<i>TMBIM1</i>	998	-1.1	-2.14
ENSG00000135624	<i>CCT7</i>	1584	-1.1	-2.14
ENSG00000158019	<i>BABAM2</i>	340	-1.0	-2.00

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$P$	$P_{\text{FDR}}$
2.1E-11	1.3E-07
3.0E-11	1.3E-07
5.6E-09	9.4E-06
8.7E-09	1.2E-05
1.9E-08	2.0E-05
6.0E-08	5.7E-05
6.8E-08	5.8E-05
3.8E-07	3.0E-04
4.0E-06	2.6E-03
4.8E-06	2.7E-03
6.2E-06	3.3E-03
1.9E-05	9.6E-03
8.6E-05	0.04
1.0E-04	0.04
1.2E-04	0.05
1.4E-04	0.05
1.7E-04	0.06
2.0E-04	0.07
2.5E-04	0.08
2.7E-04	0.08
3.7E-04	0.11
4.1E-04	0.12
5.0E-04	0.14
8.5E-04	0.22
8.8E-04	0.22
1.0E-03	0.24
1.7E-03	0.36
2.3E-03	0.46

2.4E-03	0.47
2.5E-03	0.47
2.9E-03	0.54
3.5E-03	0.56
3.6E-03	0.56
3.7E-03	0.56
4.2E-03	0.58
6.3E-03	0.78
7.6E-03	0.84
8.6E-03	0.86

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1.3E-03	0.29
2.5E-03	0.47
3.8E-03	0.56
3.9E-03	0.56
6.6E-03	0.80
7.1E-03	0.83
7.9E-03	0.84
8.0E-03	0.84
8.3E-03	0.85
9.2E-03	0.86

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