

**Supplemental table 2: List of under-expressed genes in ZGP versus ZBNP groups (ZBNP/ZGP ratio  $\geq 2$ ) following microarray analysis at FDR=5%**

	<b>Gene</b>	<b>GenBank name</b>	<b>Fold</b>
1	<b>SLC25A3</b>	Homo sapiens solute carrier family 25 (mitochondrial carrier;	<b>3.907</b>
2	<b>HNRNPM</b>	heterogeneous nuclear ribonucleoprotein M	<b>3.206</b>
3	<b>CCNA2</b>	Homo sapiens cyclin A2, mRNA	<b>3.087</b>
4	<b>ARFGAP3</b>	Homo sapiens ADP-ribosylation factor GTPase activating protein	<b>3.018</b>
5	<b>RPL10</b>	Homo sapiens ribosomal protein L10 (RPL10), mRNA	<b>2.843</b>
6	<b>MT-CYB</b>	Homo sapiens mitochondrially encoded cytochrome b	<b>2.747</b>
7	<b>TAX1BP1</b>	Homo sapiens Tax1 (human T-cell leukemia virus type I) binding protein 1	<b>2.712</b>
8	<b>HSPA8</b>	Homo sapiens heat shock 70kDa protein 8 (HSPA8), transcript variant	<b>2.684</b>
9	<b>CYP11A1</b>	Homo sapiens cytochrome P450, family 11, subfamily A, polypeptide	<b>2.613</b>
10	<b>ENO1</b>	Homo sapiens mRNA for enolase 1 variant, clone: adSE00169	<b>2.585</b>
11	<b>FDPS</b>	Human farnesyl pyrophosphate synthetase mRNA, complete cds	<b>2.567</b>
12	<b>FOSB</b>	Homo sapiens FBJ murine osteosarcoma viral oncogene homolog B	<b>2.407</b>
13	<b>RPL35A</b>	Homo sapiens ribosomal protein L35a, mRNA (cDNA clone MGC:9770	<b>2.357</b>
14	<b>LAMB1</b>	Homo sapiens laminin, beta 1 (LAMB1), mRNA	<b>2.351</b>
15	<b>DPH1</b>	Homo sapiens DPH1 homolog	<b>2.333</b>
16	<b>MT-ATP6</b>	Homo sapiens ATP synthase 6 mRNA, complete cds; mitochondrial	<b>2.258</b>
17	<b>TNFAIP1</b>	Homo sapiens tumor necrosis factor, alpha-induced protein 1 (endothelial),	<b>2.238</b>
18	<b>IQWD1</b>	Homo sapiens IQ motif and WD repeats 1, mRNA (cDNA clone IMAGE:3929120),	<b>2.214</b>
19	<b>TMED5</b>	Homo sapiens transmembrane emp24 protein transport domain containing	<b>2.209</b>
20	<b>HLA-DRA</b>	Homo sapiens major histocompatibility complex, class II, DR alpha	<b>2.187</b>
21	<b>RPL14</b>	Homo sapiens ribosomal protein L14, mRNA (cDNA clone MGC:88594	<b>2.14</b>
22	<b>TTC15</b>	Homo sapiens tetratricopeptide repeat domain 15	<b>2.139</b>
23	<b>ZNF232</b>	Homo sapiens mRNA similar to zinc finger protein 232 (cDNA clone	<b>2.083</b>
24	<b>RPS13</b>	Homo sapiens ribosomal protein S13 (RPS13), mRNA	<b>2.054</b>
25	<b>IFITM3</b>	Homo sapiens interferon induced transmembrane protein 3 (1-8U)	<b>2.031</b>
26	<b>C20orf4</b>	Homo sapiens chromosome 20 open reading frame 4 (C20orf4), mRNA	<b>2.019</b>
27	<b>DOM3Z</b>	Homo sapiens dom-3 homolog Z (C. elegans), mRNA (cDNA clone MGC:29502	<b>2.006</b>