|  |  |  |  |
| --- | --- | --- | --- |
| **Genes symbol and gene ID** | **Description** | **Location** | **Regions for searching** |
| **ALDOA ENSG00000149925** | aldolase A, fructose-bisphosphate [Source:HGNC Symbol;Acc:414] | [Chromosome 16: 30,064,411-30,081,778](http://www.ensembl.org/Homo_sapiens/Location/View?db=core;g=ENSG00000149925;r=16:30064411-30081778) forward strand | GRCh37:16:29973917:30100752:1 |
| **PGK1 ENSG00000102144** | phosphoglycerate kinase 1 [Source:HGNC Symbol;Acc:8896] | [Chromosome X: 77,320,685-77,384,793](http://www.ensembl.org/Homo_sapiens/Location/View?db=core;g=ENSG00000102144;r=X:77320685-77384793) forward strand | GRCh37:X:77309073:77450502:1 |
| **RPLP1 ENSG00000137818** | ribosomal protein, large, P1 [Source:HGNC Symbol;Acc:10372] | [Chromosome 15: 69,745,123-69,748,255](http://www.ensembl.org/Homo_sapiens/Location/View?db=core;g=ENSG00000137818;r=15:69745123-69748255) forward strand | GRCh37:15:69641267:69792199:1 |
| **NONO ENSG00000147140** | non-POU domain containing, octamer-binding [Source:HGNC Symbol;Acc:7871] | [Chromosome X: 70,503,042-70,521,018](http://www.ensembl.org/Homo_sapiens/Location/View?db=core;g=ENSG00000147140;r=X:70503042-70521018) forward strand | GRCh37:X:70415282:70683274:1 |
| **RPL19 ENSG00000108298** | ribosomal protein L19 [Source:HGNC Symbol;Acc:10312] | [Chromosome 17: 37,356,536-37,360,980](http://www.ensembl.org/Homo_sapiens/Location/View?db=core;g=ENSG00000108298;r=17:37356536-37360980;t=ENST00000225430) forward strand | GRCh37:17:37274314:37370499:1 |
| **LDHA ENSG00000134333** | lactate dehydrogenase A [Source:HGNC Symbol;Acc:6535] | [Chromosome 11: 18,415,935-18,429,972](http://www.ensembl.org/Homo_sapiens/Location/View?db=core;g=ENSG00000134333;r=11:18415935-18429972) forward strand | GRCh37:11:18313174:18441023:1 |
| **RPS27A ENSG00000143947** | ribosomal protein S27a [Source:HGNC Symbol;Acc:10417] | [Chromosome 2: 55,459,039-55,462,989](http://www.ensembl.org/Homo_sapiens/Location/View?db=core;g=ENSG00000143947;r=2:55459039-55462989) forward strand | GRCh37:2:55422730:55582880:1 |
| **GAPDH ENSG00000111640** | glyceraldehyde-3-phosphate dehydrogenase [Source:HGNC Symbol;Acc:4141] | [Chromosome 12: 6,643,093-6,647,537](http://www.ensembl.org/Homo_sapiens/Location/View?db=core;g=ENSG00000111640;r=12:6643093-6647537) forward strand | GRCh37:12:6593910:6724656:1 |
| **ACTB ENSG00000075624** | actin, beta [Source:HGNC Symbol;Acc:132] | [Chromosome 7: 5,566,782-5,603,415](http://www.ensembl.org/Homo_sapiens/Location/View?db=core;g=ENSG00000075624;r=7:5566782-5603415) reverse strand | GRCh37:7:5543774:5738189:1 |
| **B2M ENSG00000166710** | beta-2-microglobulin [Source:HGNC Symbol;Acc:914] | [Chromosome 15: 45,003,675-45,011,075](http://www.ensembl.org/Homo_sapiens/Location/View?db=core;g=ENSG00000166710;r=15:45003675-45011075) forward strand | GRCh37:15:44968868:45010110:1 |
| **HPRT1 ENSG00000165704** | hypoxanthine phosphoribosyltransferase 1 [Source:HGNC Symbol;Acc:5157 | [Chromosome X: 133,594,183-133,654,543](http://www.ensembl.org/Homo_sapiens/Location/View?db=core;g=ENSG00000165704;r=X:133594183-133654543) forward strand | GRCh37:X:133551470:133705933:1 |
| **RPS9 ENSG00000170889** | ribosomal protein S9 [Source:HGNC Symbol;Acc:10442 | [Chromosome 19: 54,704,610-54,752,862](http://www.ensembl.org/Homo_sapiens/Location/View?db=core;g=ENSG00000170889;r=19:54704610-54752862) forward strand | GRCh37:19:54528888:54724518:1 |