

| Contigs with GO related to cell cycle                                                                         |                                                                            |
|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| 6-phosphogluconate decarboxylating                                                                            | serine threonine-protein phosphatase 2a catalytic subunit<br>alpha isoform |
| bccip homolog                                                                                                 | tumor susceptibility gene 101                                              |
| myeloid leukemia factor 1                                                                                     | v-ha-ras harvey rat sarcoma viral oncogene homolog                         |
| Contigs with GO related to proliferation                                                                      |                                                                            |
| arginine-rich mutated in early stage tumors / Armet protein                                                   | endoplasmic reticulum aminopeptidase 1                                     |
| bcl2-like 1                                                                                                   | glutathione peroxidase 1                                                   |
| catenin beta-1                                                                                                | peroxiredoxin-1                                                            |
| cyclin-dependent kinase 7                                                                                     | vascular endothelial growth factor receptor 1                              |
| Contigs with GO related to DNA repair                                                                         |                                                                            |
| 26s proteasome complex subunit dss1                                                                           | cell cycle checkpoint protein rad1-like                                    |
| bccip homolog                                                                                                 | cyclin-dependent kinase 7                                                  |
| tubulin beta 6                                                                                                |                                                                            |
| Contigs with GO related to mitochondria                                                                       |                                                                            |
| a chain crystal structures of transition state analogue<br>inhibitors of inosine monophosphate cyclohydrolase | electron-transfer- beta polypeptide                                        |
| acetyl- mitochondrial precursor                                                                               | glutathione peroxidase 1                                                   |
| adp atp translocase 1                                                                                         | isocitrate dehydrogenase                                                   |
| apoptosis-inducing factor 3-like                                                                              | mitochondrial atp h+ transporting f1 complex beta subunit                  |
| atp synthase h+ transporting mitochondrial f0 complex<br>subunit f variant 1                                  | mitochondrial import receptor subunit tom22 homolog                        |
| bcl2-like 1                                                                                                   | mitochondrial inner membrane                                               |
| branched chain keto acid dehydrogenase beta polypeptide                                                       | mitochondrial ribosomal protein s21                                        |
| cytochrome b-c1 complex subunit mitochondrial-like                                                            | nadh dehydrogenase                                                         |
| cytochrome c oxidase subunit 2                                                                                | nadh dehydrogenase subunit 5                                               |
| cytochrome c oxidase subunit 3                                                                                | succinate dehydrogenase                                                    |
| cytochrome c oxidase subunit iv isoform 1                                                                     | ubiquinol-cytochrome c reductase binding protein                           |
| cytochrome testis-specific                                                                                    |                                                                            |
| Contigs with GO related to extracellular region                                                               |                                                                            |

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|-------------------------------------------------------------|-------------------------------------------------------|
| arginine-rich mutated in early stage tumors / Armet protein | protein s100-a13                                      |
| clusterin precursor                                         | gamma-secretase subunit pen-2                         |
| l-lactate dehydrogenase a chain                             | gelsolin ( finnish type)                              |
| loc100036815 protein / interleukin-8                        | collagen type i alpha 1                               |
| tmsb4x protein                                              | dickkopf-related protein 3 precursor                  |
| mmp18 protein                                               | proline arginine-rich end leucine-rich repeat protein |
| redox-regulatory protein fam213a isoform 1 precursor        | stromelysin-1 2-a                                     |
| splicing arginine serine-rich 3                             | vascular endothelial growth factor receptor 1         |
|                                                             | endoplasmic reticulum aminopeptidase 1                |