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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Spot no.** | **Protein name** | **Accession number** | **Score** | **% Coverage** | **NP** | **Thr. Mw(kDa)/pI** | **Biological function** |
| 1 | Aldo keto reductase | TsM\_000899700 | 77 | 16 | 9 | 33.07/6.17 | Oxidation-reduction process |
| 2 | Uncharacterized protein | TsM\_000685900 | 106 | 53 | 10 | 8.84/10.96 | Unknown function |
| 3 | Vasohibin 1 | TsM\_000424500 | 124 | 29 | 11 | 35.33/9.90 | regulation of angiogenesis |
| 4 | Ras protein O-Krev | TsM\_000438100 | 70 | 55 | 10 | 21.49/5.97 | Rap protein signal transduction |
| 5 | Uncharacterized protein | TsM\_000752100 | 69 | 18 | 7 | 34.29/6.10 | Unknown function |
| 6 | Uncharacterized protein | TsM\_000177400 | 69 | 22 | 5 | 18.62/5.94 | Unknown function |
| 7 | Ribosomal protein L14 | TsM\_000676600 | 112 | 55 | 11 | 17.34/11.61 | peptide biosynthetic process |
| 8 | Uncharacterized protein | TsM\_000407400 | 74 | 43 | 5 | 6.61/10.31 | Unknown function |
| 9 | Apoptosis inhibitor | TsM\_000651200 | 61 | 24 | 11 | 61.05/6.38 |  |
| 10 | PKC activated phosphatase 1 inhibitor | TsM\_000450100 | 105 | 44 | 10 | 15.46/5.51 | regulation of phosphorylation |
| 11 | Cilia- and flagella-associated protein 298 | TsM\_000790700 | 71 | 17 | 8 | 32.59/5.63 | regulation of cilium movement |
| 12 | Uncharacterized protein | TsM\_000151000 | 85 | 51 | 6 | 13.50/5.27 | Unknown function |
| 13 | Endothelial differentiation factor 1 | TsM\_000479000 | 91 | 38 | 7 | 14.92/9.73 | positive regulation of DNA binding |
| 14 | Tropomyosin 2 high molecular weight isoform | TsM\_000206100 | 133 | 43 | 14 | 32.38/4.41 | regulation of muscle contraction |
| 15 | Uncharacterized protein | TsM\_001147600 | 119 | 45 | 11 | 16.65/10.16 | Unknown function |
| 16 | Wee1 protein kinase | TsM\_000537600 | 103 | 21 | 12 | 57.05/8.46 | protein phosphorylation |
| 17 | Aldose reductase | TsM\_000716500 | 127 | 27 | 13 | 37.62/7.16 | oxidation-reduction process |
| 18 | Uncharacterized protein | TsM\_000184000 | 81 | 47 | 6 | 18.42/11.63 | Unknown function |
| 19 | RRM domain-containing protein | TsM\_000685000 | 115 | 59 | 9 | 17.94/9.36 | Post-transcriptional gene regulation |
| 20 | Putative fatty acid-binding protein fabp | TsM\_000425500 | 108 | 54 | 8 | 15.12/5.91 | heart looping |
| 21 | Uncharacterized protein | TsM\_000401900 | 129 | 65 | 10 | 10.11/9.41 | Unknown function |
| 22 | Uncharacterized protein | TsM\_000820200 | 81 | 24 | 6 | 23.50/7.72 | Unknown function |
| 23 | Dynein light chain | TsM\_000958600 | 81 | 59 | 7 | 9.08/6.38 | microtubule-based process |