

Number of predicted **proteins**

| Rank | Protein domain | Fly | Worm | Yeast |
|-------------|--|------------|-------------|--------------|
| 1 | proline-rich region | 579 | 398 | 40 |
| 2 | zinc finger, C2H2 type | 352 | 138 | 47 |
| 3 | eukaryotic protein kinase | 249 | 388 | 119 |
| 4 | serine proteases, trypsin family | 199 | 13 | 1 |
| 7 | RNA-binding region1 RNP | 160 | 92 | 55 |
| 8 | immunoglobulins & MHCproteins | 153 | 70 | 0 |
| 13 | homeobox domain | 113 | 88 | 10 |
| 16 | zinc finger, C3HC4 type (RING finger) | 105 | 113 | 35 |
| 26 | DNA/RNA helicase domain (DEAD/DEAH box) | 76 | 66 | 75 |
| 30 | Myc type, helix-loop-helix dimerization domain | 69 | 8 | 5 |
| 37 | helix-loop-helix DNA-binding domain | 61 | 38 | 8 |
| 39 | aminoacyl-transfer RNA synthetase class-II | 58 | 14 | 17 |
| 42 | DEAD/DEAH box helicase | 46 | 43 | 48 |
| 57 | aminoacyl -transfer RNA synthetase class-I | 35 | 15 | 14 |
| 71 | tubulin family | 29 | 22 | 4 |
| 88 | kinesin motor domain | 26 | 22 | 6 |
| 121 | histone-fold/TFIID-TAF/NF-Y domain | 19 | 33 | 16 |
| 137 | small nuclear ribonucleoprotein (Sm protein) | 17 | 11 | 16 |
| 158 | myosin head (motor domain) | 15 | 20 | 5 |
| 164 | actin | 14 | 10 | 8 |



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