

| <b>Molecular Function</b>                         | <b>2692</b> |        |
|---------------------------------------------------|-------------|--------|
| antioxidant activity                              | 18          |        |
| binding                                           | 684         | (2097) |
| calcium ion                                       | 154         |        |
| carbohydrate binding                              | 43          |        |
| chromatin binding                                 | 21          |        |
| lead ion binding                                  | 0           |        |
| lipid binding                                     | 82          |        |
| nucleic acid binding                              | 130         | (586)  |
| DNA binding                                       | 193         | (227)  |
| transcription factor activity                     | 89          |        |
| RNA binding                                       | 293         |        |
| translation factor activity, nucleic acid binding | 55          |        |
| nucleotide binding                                | 459         |        |
| oxygen binding                                    | 24          |        |
| protein binding                                   | 1096        | (1183) |
| cytoskeletal protein binding                      | 52          | (110)  |
| actin binding                                     | 65          |        |
| receptor binding                                  | 110         |        |
| triplet codon-amino acid adaptor activity         | 0           |        |
| catalytic activity                                | 574         | (1239) |
| electron carrier activity                         | 98          |        |
| hydrolase activity                                | 396         | (473)  |
| nuclease                                          | 9           |        |
| peptidase activity                                | 117         |        |
| phosphoprotein phosphatase                        | 25          |        |
| transferase activity                              | 229         | (277)  |
| kinase activity                                   | 103         | (125)  |
| protein kinase activity                           | 55          |        |
| chaperone regulator activity                      | 4           |        |
| enzyme regulator activity                         | 127         |        |
| motor activity                                    | 35          |        |
| nutrient reservoir activity                       | 0           |        |
| protein tag                                       | 1           |        |
| signal transducer activity                        | 63          | (170)  |
| receptor activity                                 | 116         |        |
| structural molecule activity                      | 382         |        |
| transcription regulator activity                  | 116         | (167)  |
| translation regulator activity                    | 5           | (59)   |
| transporter activity                              | 338         | (415)  |
| ion channel activity                              | 84          |        |
| neurotransmitter transporter activity             | 4           |        |