

## PROTEOME™ Statistics

| HumanPSD™                            | Human     | Mouse   | Rat     |
|--------------------------------------|-----------|---------|---------|
| Proteins                             | 20,087    | 20,255  | 13,012  |
| Mature miRNAs                        | 2,657     | 1,974   | 766     |
| Diseases / Disease Models            | 2,580     | 1,308   | -       |
| Drugs                                | 8,844     | -       | -       |
| References                           | 219,139   | 103,301 | 55,981  |
| GO Assignments                       | 235,381   | 232,624 | 112,843 |
| Expression Assignments               | 1,973,809 | 180,026 | 99,363  |
| Gene-Disease Assignments             | 112,954   | 6,273   | -       |
| Disease Annotations                  | 320,703   | -       | -       |
| Drug-Protein Interactions            | 27,354    | -       | -       |
| Clinical Trials                      | 398,810   | -       | -       |
| Clinical Trial – Disease Assignments | 635,125   | -       | -       |
| Clinical Trial – Drug Assignments    | 203,347   | -       | -       |
| Phenotype Assignments                | -         | 63,141  | -       |
| Annotations                          | 456,861   | 298,675 | 193,755 |

## TRANSPATH®

|           |         |            |        |
|-----------|---------|------------|--------|
| Molecules | 495,363 | Pathways   | 190    |
| Genes     | 109,201 | Chains     | 1,526  |
| Reactions | 698,779 | References | 69,084 |

## YEAST & WORM      S. cerevisiae      S. pombe      Fungal Pathogens      C. elegans

|                        |         |        |         |         |
|------------------------|---------|--------|---------|---------|
| Proteins               | 6,689   | 4,998  | 19,932  | 20,745  |
| References             | 36,686  | 4,600  | 4,455   | 6,485   |
| GO Assignments         | 90,178  | 36,236 | 103,167 | 82,733  |
| Phenotype Assignments  | 59,439  | 9,834  | 2,754   | 20,272  |
| Annotations            | 877,922 | 99,501 | 73,294  | 325,258 |
| Expression Assignments | -       | -      | -       | 9,512   |

## PLANT      Arabidopsis      Rice      Maize      Soybean      Sorghum

|                        |         |        |        |         |         |
|------------------------|---------|--------|--------|---------|---------|
| Proteins               | 26,856  | 26,829 | 1,706  | 66,300  | 34,005  |
| GO Assignments         | 235,314 | 97,184 | 10,407 | 254,107 | 137,890 |
| Expression Assignments | 383,973 | 22,210 | 3,620  | -       | -       |

## PLANT – ALL SPECIES

|           |        |          |     |            |        |
|-----------|--------|----------|-----|------------|--------|
| Reactions | 26,702 | Pathways | 324 | References | 13,596 |
|-----------|--------|----------|-----|------------|--------|