

| Biological Processes                                             | Number of families | Families                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| conjugation with cellular fusion                                 | 3                  | FD00166; FD00440; FD00011                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| septum digestion after cytokinesis                               | 1                  | FD00563                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| neutrophil mediated immunity                                     | 1                  | FD00195                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| carbohydrate metabolic process                                   | 5                  | FD00160; FD00469; FD00539; FD00566; FD00579                                                                                                                                                                                                                                                                                                                                                                                                                  |
| lipid metabolic process                                          | 3                  | FD00412; FD00487; FD00561                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| nitrogen compound metabolic process                              | 22                 | FD00255; FD00095; FD00249; FD00070; FD00267; FD00043; FD00314; FD00343; FD00053; FD00362; FD00370; FD00187; FD00414; FD00193; FD00201; FD00204; FD00488; FD00085; FD00498; FD00209; FD00220; FD00573                                                                                                                                                                                                                                                         |
| cell adhesion                                                    | 7                  | FD00233; FD00240; FD00144; FD00102; FD00190; FD00443; FD00218                                                                                                                                                                                                                                                                                                                                                                                                |
| Notch receptor processing                                        | 11                 | FD00457; FD00213; FD00184; FD00223; FD00324; FD00407; FD00083; FD00502; FD00510; FD00587; FD00473                                                                                                                                                                                                                                                                                                                                                            |
| cell-cell signaling                                              | 42                 | FND00301; FND00271; FND00197; FND00104; FND00347; FND00360; FND00169; FND00043; FD00269; FND00295; FND00352; FND00052; FND00324; FND00088; FND00116; FND00225; FND00319; FND00165; FND00331; FND00151; FND00037; FND00228; FND00200; FND00209; FND00132; FND00333; FND00190; FND00201; FND00065; FND00267; FND00156; FND00202; FND00142; FND00124; FND00240; FD00216; FND00159; FND00086; FND00180; FND00135; FND00087; FND00157                             |
| metabolic process                                                | 2                  | FD00423; FD00445                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| bioluminescence                                                  | 1                  | FD00210                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| photosynthetic electron transport chain                          | 2                  | FD00486; FD00151                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| induction of conjugation with cellular fusion                    | 1                  | FD00169                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| photosynthesis                                                   | 5                  | FD00072; FD00266; FD00358; FD00360; FND00332                                                                                                                                                                                                                                                                                                                                                                                                                 |
| viral process                                                    | 2                  | FD00039; FD00351                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| pentacyclic triterpenoid metabolic process                       | 9                  | FD00227; FD00167; FD00123; FD00089; FD00477; FD00559; FD00051; FD00396; FD00294                                                                                                                                                                                                                                                                                                                                                                              |
| cytolysis                                                        | 3                  | FD00133; FD00064; FD00023                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| water homeostasis                                                | 2                  | FD00080; FND00348                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| spectrosome organization                                         | 10                 | FD00359; FD00124; FD00411; FD00478; FD00230; FD00091; FND00302; FD00549; FD00565; FND00127                                                                                                                                                                                                                                                                                                                                                                   |
| methylation                                                      | 1                  | FD00543                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| activation of phospholipase A2 activity                          | 1                  | FD00366                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| collagen biosynthetic process                                    | 11                 | FD00466; FD00236; FD00330; FD00418; FD00355; FD00449; FD00268; FD00337; FD00098; FD00557; FD00584                                                                                                                                                                                                                                                                                                                                                            |
| stachyose biosynthetic process                                   | 7                  | FD00381; FD00528; FND00214; FD00079; FD00470; FD00464; FD00312                                                                                                                                                                                                                                                                                                                                                                                               |
| gastric emptying                                                 | 5                  | FD00107; FD00055; FD00109; FD00315; FD00569                                                                                                                                                                                                                                                                                                                                                                                                                  |
| indole alkaloid metabolic process                                | 1                  | FD00361                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| epithelial fluid transport                                       | 10                 | FD00576; FD00575; FND00126; FND00309; FD00555; FD00327; FD00593; FD00534; FD00224; FD00279                                                                                                                                                                                                                                                                                                                                                                   |
| protein kinase C deactivation                                    | 6                  | FND00164; FND00238; FND00001; FND00141; FND00024; FD00520                                                                                                                                                                                                                                                                                                                                                                                                    |
| single-species biofilm formation                                 | 2                  | FD00040; FD00108                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| envenomation resulting in induction of edema in another organism | 45                 | FD00550; FD00234; FD00129; FND00152; FD00484; FD00556; FD00059; FD00005; FND00184; FND00074; FND00059; FD00031; FND00257; FND00014; FND00258; FND00011; FD00046; FD00444; FND00040; FND00101; FND00176; FND00066; FND00039; FD00503; FND00158; FD00560; FND00096; FND00311; FND00120; FND00231; FD00045; FD00006; FND00019; FD00038; FND00029; FD00097; FND00136; FND00296; FND00004; FD00352; FD00377; FD00398; FND00266; FND00281; FD00403                 |
| amyloid-beta metabolic process                                   | 7                  | FD00299; FD00192; FD00270; FD00323; FD00067; FD00071; FD00180                                                                                                                                                                                                                                                                                                                                                                                                |
| monocyte aggregation                                             | 1                  | FD00104                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| cellular response to high density lipoprotein particle stimulus  | 48                 | FD00521; FND00021; FND00016; FND00005; FND00017; FND00186; FD00308; FD00385; FND00091; FND00154; FD00117; FND00048; FND00328; FND00217; FND00335; FD00027; FD00258; FD00164; FD00356; FD00212; FD00030; FD00262; FD00272; FD00321; FD00348; FD00538; FD00149; FD00316; FD00415; FD00546; FD00264; FND00366; FD00379; FD00432; FD00420; FND00092; FD00446; FD00181; FD00372; FD00096; FD00069; FD00156; FD00480; FND00346; FD00585; FD00183; FD00448; FD00197 |
| macrophage apoptotic process                                     | 1                  | FD00515                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| bacterial-type flagellum-dependent swarming motility             | 4                  | FD00300; FD00283; FD00284; FD00326                                                                                                                                                                                                                                                                                                                                                                                                                           |
| regulation of cell wall pectin metabolic process                 | 1                  | FD00287                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| regulation of complement-dependent cytotoxicity                  | 11                 | FD00547; FD00105; FD00056; FD00058; FD00036; FD00134; FD00493; FD00320; FD00208; FD00147; FD00328                                                                                                                                                                                                                                                                                                                                                            |
| negative regulation of cartilage condensation                    | 1                  | FD00226                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| allantois development                                            | 16                 | FD00165; FD00185; FD00427; FD00433; FD00028; FD00198; FD00531; FND00294; FD00042; FD00495; FD00214; FD00507; FND00223; FND00196; FND00262; FND00338                                                                                                                                                                                                                                                                                                          |
| regulation of gastric motility                                   | 3                  | FD00037; FD00490; FD00143                                                                                                                                                                                                                                                                                                                                                                                                                                    |