**Table 2. List of manually selected phenotypes related with DILI.** The selected phenotypes were required to have 10 gene associations or more. The genetically redundant phenotypes have been merged in the same term. The empty cells correspond to phenotypes for which the expansion through the network using GUILDify was not functionally coherent.

|  |  |  |  |
| --- | --- | --- | --- |
| **DILI Phenotypes** | **UMLS** | **Number of genes associated in DisGeNET** | **Number of genes associated in GUILDify** |
| Biliary cirrhosis | C0023892 | 33 | 86 |
| Hepatitis, Drug-Induced;  Drug-Induced Liver Disease;  Drug-Induced Acute Liver Injury | C1262760;  C0860207;  C3658290 | 315 |  |
| Hyperammonemia | C0220994 | 104 | 148 |
| Liver Cirrhosis;  Fibrosis, Liver | C0023890;  C0239946 | 97 | 145 |
| Liver Cirrhosis, Alcoholic | C0023891 | 30 |  |
| Liver Dysfunction;  Liver diseases | C0086565;  C0023895 | 67 |  |
| Liver Failure, Acute | C0162557 | 22 | 118 |
| Nonalcoholic Steatohepatitis;  Non-alcoholic Fatty Liver Disease | C3241937;  C0400966 | 42 | 67 |
| Steatohepatitis;  Fatty Liver | C2711227;  C0015695 | 86 | 167 |
| Number of different genes associated to DILI phenotypes | | 641 | 805 |