Supplementary Table S6. CIBLIN genes outnumber Myc synthetic lethal (MycSL) hits

| Human gene name | 971 single copy mammal. CIBLIN genes | 187 non-single copy CIBLIN genes* | 397 MycSL genes, Kessler (2012) | 101 MycSL genes, Toyoshima (2012) | Gene description [Source: HGNC] |
|-----------------|--------------------------------------|----------------------------------|---------------------------------|----------------------------------|---------------------------------|
| ADAT1           | X                                    | X                                |                                 |                                  | adenosine deaminase, tRNA-specific 1 |
| BAIAP2L1        | X                                    | X                                |                                 |                                  | BAI1-associated protein 2-like 1 |
| BOK             | X                                    |                                   | X                               |                                  | BCL2-related ovarian killer      |
| BTK             | X                                    |                                   | X                               |                                  | Bruton agammaglobulinemia tyrosine kinase |
| CHST14          | X                                    |                                   | X                               |                                  | carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase 14 |
| DNAH11          | X                                    |                                   | X                               |                                  | dynein, axonemal, heavy chain 11 |
| GCM1            | X                                    |                                   | X                               |                                  | glial cells missing homolog 1 (Drosophila) |
| GNS             | X                                    |                                   | X                               |                                  | glucosamine (N-acetyl)-6-sulfatase |
| HPS1            | X                                    |                                   |                                 |                                  | Hermansky-Pudlak syndrome 1      |
| IRF9            | X                                    | X                                | X                               |                                  | interferon regulatory factor 9   |
| KBTBD11         | X                                    |                                   | X                               |                                  | kelch repeat and BTB (POZ) domain containing 11 |
| KEAP1           | X                                    |                                   | X                               |                                  | kelch-like ECH-associated protein 1 |
| LYZL4           | X                                    |                                   | X                               |                                  | lysozyme-like 4                 |
| MED30           | X                                    |                                   | X                               |                                  | mediator complex subunit 30     |
| NMBR            | X                                    |                                   | X                               |                                  | neuromedin B receptor            |
| PHF1            | X                                    |                                   | X                               |                                  | PHD finger protein 1             |
| PRC1            | X                                    |                                   | X                               |                                  | protein regulator of cytokinesis 1 |
| RLF             | X                                    | X                                |                                 |                                  | rearranged L-myc fusion          |
| RNF17           | X                                    |                                   | X                               |                                  | ring finger protein 17           |
| RSPH1           | X                                    |                                   | X                               |                                  | radial spoke head 1 homolog (Chlamydomonas) |
| SLC24A3         | X                                    |                                   | X                               |                                  | solute carrier family 24 (Na/K/Ca exchanger), 3 |
| SULT1A2         | X                                    |                                   | X                               |                                  | sulfotransferase fam., cytosolic, 1A, phenol-pref, 2 |
| TLR6            | X                                    | X                                | X                               |                                  | toll-like receptor 6             |
| TXK             | X                                    |                                   | X                               |                                  | TXK tyrosine kinase              |
| ZNF146          | X                                    | X                                |                                 |                                  | zinc finger protein 146          |

* CIBLIN genes duplicated after mammalian diversification (human, mouse, rat).