| Center ID | Center <br> Name | ID_2 | Name_2 | ID_3 | Name_3 | ID_4 | Name_4 | FDR | Count in yeast | Avg count in random | Instance in human? |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PF00069 | Pkinase | PF00069 | Pkinase | PF00096 | zf-C2H2 | PF00096 | zf-C2H2 | 0 | 46 | 8.78 | Y |
| PF00069 | Pkinase | PF00069 | Pkinase | PF00096 | zf-C2H2 | PF00172 | PF00172 | 0 | 40 | 7.73 | N |
| PF00069 | Pkinase | PF00069 | Pkinase | PF00134 | Cyclin_N | PF00096 | zf-C2H2 | 0 | 62 | 22.42 | Y |
| PF00069 | Pkinase | PF00069 | Pkinase | PF00134 | Cyclin_N | PF00621 | RhoGEF | 0 | 44 | 10.79 | N |
| PF00069 | Pkinase | PF00069 | Pkinase | PF00134 | Cyclin_N | PF00735 | GTP_CDC | 0.01 | 44 | 14.18 | N |
| PF00069 | Pkinase | PF00069 | Pkinase | PF00096 | zf-C2H2 | PF00320 | GATA | 0.01 | 24 | 4.06 | N |
| PF00069 | Pkinase | PF00069 | Pkinase | PF00096 | zf-C2H2 | PF00439 | Bromodomain | 0.01 | 20 | 3.27 | Y |
| PF00018 | SH3_1 | PF00018 | SH3_1 | PF00069 | Pkinase | PF02205 | WH2 | 0.02 | 108 | 86.33 | Y |
| PF00018 | SH3_1 | PF06371 | Drf_GBD | PF00018 | SH3_1 | PF02205 | WH2 | 0.02 | 60 | 40.52 | N |
| PF00069 | Pkinase | PF00018 | SH3_1 | PF00069 | Pkinase | PF00564 | PB1 | 0.02 | 27 | 8.9 | Y |
| PF00069 | Pkinase | PF00069 | Pkinase | PF00621 | RhoGEF | PF00735 | GTP_CDC | 0.02 | 14 | 2.07 | N |
| PF00069 | Pkinase | PF00069 | Pkinase | PF00735 | GTP_CDC | PF00735 | GTP_CDC | 0.02 | 16 | 2.91 | N |
| PF00071 | Ras | PF00069 | Pkinase | PF00620 | RhoGAP | PF00566 | TBC | 0.02 | 40 | 21.08 | N |
| PF00018 | SH3_1 | PF06371 | Drf_GBD | PF00018 | SH3-1 | PF00443 | UCH | 0.03 | 30 | 14.06 | N |
| PF00069 | Pkinase | PF00018 | SH3-1 | PF00069 | Pkinase | PF00621 | RhoGEF | 0.03 | 25 | 9.67 | Y |
| PF00069 | Pkinase | PF00018 | SH3_1 | PF00069 | Pkinase | PF00786 | PBD | 0.03 | 23 | 7.25 | N |
| PF00069 | Pkinase | PF00018 | SH3_1 | PF00071 | Ras | PF00069 | Pkinase | 0.03 | 25 | 10.18 | Y |
| PF00069 | Pkinase | PF07647 | SAM_2 | PF00018 | SH3_1 | PF00564 | PB1 | 0.03 | 26 | 10.94 | Y |
| PF00071 | Ras | PF00018 | SH3_1 | PF00620 | RhoGAP | PF00620 | RhoGAP | 0.03 | 46 | 28.22 | Y |
| PF00018 | SH3_1 | PF00022 | Actin | PF00018 | SH3_1 | PF02205 | WH2 | 0.04 | 44 | 30.05 | N |
| PF00018 | SH3_1 | PF06371 | Drf_GBD | PF00022 | Actin | PF00018 | SH3_1 | 0.04 | 34 | 19.12 | N |
| PF00069 | Pkinase | PF00018 | SH3_1 | PF00018 | SH3_1 | PF00400 | WD40 | 0.04 | 23 | 10.47 | Y |
| PF00069 | Pkinase | PF00018 | SH3-1 | PF00069 | Pkinase | PF00134 | Cyclin_N | 0.04 | 52 | 36.14 | Y |
| PF00069 | Pkinase | PF00018 | SH3-1 | PF00069 | Pkinase | PF00169 | PH | 0.04 | 31 | 17.79 | Y |
| PF00069 | Pkinase | PF00018 | SH3_1 | PF00621 | RhoGEF | PF00735 | GTP_CDC | 0.04 | 13 | 3.1 | N |
| PF00069 | Pkinase | PF00069 | Pkinase | PF00069 | Pkinase | PF00134 | Cyclin_N | 0.04 | 113 | 96.13 | Y |
| PF00071 | Ras | PF00069 | Pkinase | PF00412 | LIM | PF00566 | TBC | 0.04 | 21 | 8.84 | N |
| PF00071 | Ras | PF00069 | Pkinase | PF00620 | RhoGAP | PF00620 | RhoGAP | 0.04 | 51 | 35.57 | Y |
| PF00071 | Ras | PF00620 | RhoGAP | PF00620 | RhoGAP | PF00566 | TBC | 0.04 | 36 | 21.24 | N |
| PF00071 | Ras | PF00620 | RhoGAP | PF00621 | RhoGEF | PF00566 | TBC | 0.04 | 16 | 4.95 | N |
| PF00069 | Pkinase | PF00018 | SH3-1 | PF00069 | Pkinase | PF00787 | PX | 0.05 | 14 | 4.22 | N |
| PF01105 | EMP24_GP25L | PF07690 | MFS_1 | PF00137 | ATP-synt_C | PF00324 | AA_permease | 0.05 | 52 | 37.9 | N |

