| ID_1 | Name_1 | Center <br> ID_2 | Name_2 | ID_3 | Name_3 | FDR | Count in yeast | Avg count in random | Instance in human? |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| PB006792 | PB006792 | PF00069 | Pkinase | PF00069 | Pkinase | 0 | 33 | 6.39 | N |
| PB006792 | PB006792 | PF00069 | Pkinase | PF00134 | Cyclin_N | 0 | 36 | 1.05 | N |
| PF00069 | Pkinase | PF00069 | Pkinase | PF00134 | Cyclin_N | 0 | 57 | 13.86 | Y |
| PF01423 | LSM | PF01423 | LSM | PF01423 | LSM | 0 | 254 | 206.3 | Y |
| PF07690 | MFS_1 | PF00674 | PF00674 | PF07690 | MFS_1 | 0.01 | 43 | 8.47 | N |
| PF00018 | SH3_1 | PF00069 | Pkinase | PF00069 | Pkinase | 0 | 59 | 25.38 | Y |
| PF00069 | Pkinase | PF00069 | Pkinase | PF00069 | Pkinase | 0 | 73 | 42.86 | Y |
| PF00069 | Pkinase | PF00071 | Ras | PF00620 | RhoGAP | 0 | 24 | 4.7 | Y |
| PF00096 | zf-C2H2 | PF00069 | Pkinase | PF00096 | zf-C2H2 | 0 | 16 | 0.71 | Y |
| PF00125 | Histone | PF00439 | Bromodomain | PF00125 | Histone | 0 | 25 | 5.24 | N |
| PF07647 | SAM_2 | PF00069 | Pkinase | PF00018 | SH3_1 | 0 | 22 | 1.98 | Y |
| PF07690 | MFS_1 | PF00674 | PF00674 | PF00324 | AA_permease | 0 | 44 | 15.69 | N |
| PF07690 | MFS_1 | PF00674 | PF00674 | PF00674 | PF00674 | 0 | 43 | 15.55 | N |
| PB042766 | PB042766 | PF00069 | Pkinase | PF00069 | Pkinase | 0.01 | 28 | 9.1 | N |
| PF00018 | SH3_1 | PF00018 | SH3_1 | PF00069 | Pkinase | 0.01 | 82 | 55.64 | Y |
| PF00018 | SH3_1 | PF00018 | SH3_1 | PF02205 | WH2 | 0.01 | 59 | 35.54 | Y |
| PF00018 | SH3_1 | PF00069 | Pkinase | PF00018 | SH3_1 | 0.01 | 21 | 3.21 | Y |
| PF00018 | SH3_1 | PF00069 | Pkinase | PF00169 | PH | 0.01 | 14 | 1.67 | Y |
| PF00018 | SH3_1 | PF00069 | Pkinase | PF00564 | PB1 | 0.01 | 13 | 1.12 | Y |
| PF00018 | SH3_1 | PF00071 | Ras | PF00620 | RhoGAP | 0.01 | 20 | 4.61 | Y |
| PF00069 | Pkinase | PF00439 | Bromodomain | PF00125 | Histone | 0.01 | 16 | 3.07 | N |
| PF00071 | Ras | PF04893 | Yip1 | PF00071 | Ras | 0.01 | 64 | 43.36 | N |
| PF00096 | zf-C2H2 | PF00069 | Pkinase | PF00172 | PF00172 | 0.01 | 14 | 0.65 | N |
| PF00134 | Cyclin_N | PF00069 | Pkinase | PF00096 | zf-C2H2 | 0.01 | 14 | 1.88 | Y |
| PF00137 | ATP-synt_C | PF07690 | MFS_1 | PF00674 | PF00674 | 0.01 | 19 | 4.57 | N |
| PF00271 | Helicase_C | PF01423 | LSM | PF01423 | LSM | 0.01 | 61 | 40.18 | Y |
| PF00564 | PB1 | PF00071 | Ras | PF00620 | RhoGAP | 0.01 | 16 | 2.52 | Y |
| PF00620 | RhoGAP | PF00071 | Ras | PF00620 | RhoGAP | 0.01 | 23 | 4.74 | Y |
| PF00735 | GTP_CDC | PF00069 | Pkinase | PF00735 | GTP_CDC | 0.01 | 11 | 0.58 | N |
| PF00069 | Pkinase | PF00069 | Pkinase | PF00096 | zf-C2H2 | 0.02 | 31 | 14.43 | Y |
| PF00018 | SH3_1 | PF00018 | SH3_1 | PF00018 | SH3_1 | 0.03 | 63 | 44.99 | Y |
| PF00137 | ATP-synt_C | PF07690 | MFS_1 | PF01598 | Sterol_desat | 0.03 | 10 | 0.76 | N |
| PF00620 | RhoGAP | PF00071 | Ras | PF00621 | RhoGEF | 0.03 | 12 | 2.01 | Y |
| PF00620 | RhoGAP | PF00071 | Ras | PF00787 | PX | 0.03 | 13 | 2.46 | Y |
| PF07690 | MFS_1 | PB000521 | Pfam-B_521 | PF00324 | AA_permease | 0.03 | 28 | 13.58 | N |
| PF00018 | SH3_1 | PF00069 | Pkinase | PF00621 | RhoGEF | 0.04 | 10 | 0.95 | Y |
| PF00022 | Actin | PF00018 | SH3_1 | PF00018 | SH3_1 | 0.04 | 26 | 12.34 | Y |
| PF00069 | Pkinase | PF00069 | Pkinase | PF00786 | PBD | 0.04 | 16 | 5.09 | Y |
| PF00069 | Pkinase | PF00071 | Ras | PF00412 | LIM | 0.04 | 12 | 2.55 | N |
| PF00076 | RRM_1 | PF01423 | LSM | PF01423 | LSM | 0.04 | 39 | 25.01 | Y |
| PF00134 | Cyclin_N | PF00069 | Pkinase | PF00320 | GATA | 0.04 | 8 | 0.22 | N |
| PF00137 | ATP-synt_C | PF07690 | MFS_1 | PF01105 | EMP24_GP25L | 0.04 | 11 | 1.86 | N |
| PF00169 | PH | PF00069 | Pkinase | PF00564 | PB1 | 0.04 | 8 | 0.31 | Y |
| PF00674 | PF00674 | PF07690 | MFS_1 | PF01598 | Sterol_desat | 0.04 | 11 | 1.8 | N |
| PF01105 | EMP24_GP25L | PF07690 | MFS_1 | PF00674 | PF00674 | 0.04 | 15 | 4.01 | N |
| PF06371 | Drf_GBD | PF00018 | SH3_1 | PF00018 | SH3_1 | 0.04 | 31 | 17.18 | N |
| PF07647 | SAM_2 | PF00069 | Pkinase | PF00564 | PB1 | 0.04 | 8 | 0.37 | Y |
| PF00018 | SH3_1 | PF00069 | Pkinase | PF00071 | Ras | 0.05 | 11 | 1.71 | Y |
| PF00018 | SH3_1 | PF00069 | Pkinase | PF00400 | WD40 | 0.05 | 14 | 3.93 | Y |
| PF00018 | SH3_1 | PF00069 | Pkinase | PF00735 | GTP_CDC | 0.05 | 13 | 3.43 | N |
| PF00069 | Pkinase | PF00069 | Pkinase | PF00169 | PH | 0.05 | 18 | 7.3 | Y |
| PF00125 | Histone | PF02985 | HEAT | PF00170 | bZIP_1 | 0.05 | 9 | 1.08 | N |
| PF00134 | Cyclin_N | PF00069 | Pkinase | PF00621 | RhoGEF | 0.05 | 8 | 0.45 | N |
| PF00400 | WD40 | PF01423 | LSM | PF01423 | LSM | 0.05 | 43 | 29.54 | Y |
| PF00996 | GDI | PF00071 | Ras | PF04893 | Yip1 | 0.05 | 19 | 7.69 | N |

