| Chebi | GO | SBO |
|-------|----|-----|
| depth | # of anno | depth | # of anno | depth | # of anno |
|       |           |       |           |       |           |
| 1      | 0          | 1      | 5          | 1      | 0          |
| 2      | 0          | 2      | 602        | 2      | 400        |
| 3      | 22         | 3      | 882        | 3      | 222        |
| 4      | 35         | 4      | 1081       | 4      | 4204       |
| 5      | 12         | 5      | 2046       | 5      | 2769       |
| 6      | 103        | 6      | 3128       | 6      | 4515       |
| 7      | 1344       | 7      | 1661       | 7      | 697        |
| 8      | 548        | 8      | 942        | 8      | 517        |
| 9      | 495        | 9      | 261        | 9      | 4          |
| 10     | 1026       | 10     | 187        | 10     | 0          |
| 11     | 382        | 11     | 80         | 11     | 0          |
| 12     | 415        | 12     | 7          | 12     | 0          |
| 13     | 1127       | 13     | 0          | 13     | 0          |
| 14     | 47         | 14     | 0          | 14     | 0          |
| 15     | 167        | 15     | 0          | 15     | 0          |
| 16     | 6          | 16     | 0          | 16     | 0          |

**BMDB**

|       | avg |       | avg |       | avg |       |
|-------|-----|-------|-----|-------|-----|-------|
|       | 9,859 | 137,72 | 5,653 | 6,482 | 5,204 | 734 |
|       | 5,729 | 10,882 | 5,204 | 734 | 13012 |    |

| Chebi | GO | SBO |
|-------|----|-----|
| depth | # of anno | depth | # of anno | depth | # of anno |
|       |           |       |           |       |           |
| 1      | 0          | 1      | 0          | 1      | 0          |
| 2      | 0          | 2      | 23         | 2      | 2          |
| 3      | 0          | 3      | 39         | 3      | 1          |
| 4      | 0          | 4      | 76         | 4      | 69         |
| 5      | 0          | 5      | 194        | 5      | 48         |
| 6      | 0          | 6      | 333        | 6      | 147        |
| 7      | 0          | 7      | 168        | 7      | 16         |
| 8      | 2          | 8      | 105        | 8      | 4          |
| 9      | 2          | 9      | 15         | 9      | 0          |
| 10     | 11         | 10     | 1          | 10     | 0          |
| 11     | 4          | 11     | 0          | 11     | 0          |
| 12     | 10         | 12     | 0          | 12     | 0          |
| 13     | 7          | 13     | 0          | 13     | 0          |
| 14     | 0          | 14     | 0          | 14     | 0          |
| 15     | 0          | 15     | 0          | 15     | 0          |
| 16     | 1          | 16     | 0          | 16     | 0          |

**CC**

|       | avg |       | avg |       | avg |       |
|-------|-----|-------|-----|-------|-----|-------|
|       | 11,216 | 1622 | 5,865 | 828,092 | 5,397 | 213 |
|       | 37 | 954 | 287 |
| Depth | No. of Anno | Depth | No. of Anno | Depth | No. of Anno |
|-------|------------|-------|------------|-------|------------|
| 4     | 1          | 4     | 2          | 27    | 54         |
| 5     | 10         | 50    | 3          | 20    | 60         |
| 6     | 12         | 72    | 4          | 53    | 212        |
| 7     | 88         | 616   | 5          | 54    | 270        |
| 8     | 59         | 472   | 6          | 125   | 750        |
| 9     | 79         | 711   | 7          | 58    | 406        |
| 10    | 77         | 770   | 8          | 34    | 272        |
| 11    | 73         | 803   | 9          | 2     | 18         |
| 12    | 64         | 768   | 10         | 3     | 30         |
| 13    | 63         | 819   | 11         | 7     | 77         |
| 14    | 52         | 728   |             |       |            |
| 15    | 7          | 105   |             |       |            |

**Average:** 10,116,2392

**Sum:** 585

**RS2**

| Depth | No. of Anno | Depth | No. of Anno | Depth | No. of Anno |
|-------|------------|-------|------------|-------|------------|
| 6     | 14         | 84    | 2          | 22    | 44         |
| 7     | 10         | 70    | 3          | 37    | 111        |
| 8     | 7          | 56    | 4          | 29    | 116        |
| 9     | 10         | 90    | 5          | 101   | 505        |
| 10    | 56         | 560   | 6          | 333   | 1998       |
| 11    | 8          | 88    | 7          | 124   | 868        |
| 12    | 13         | 156   | 8          | 46    | 368        |
| 13    | 29         | 377   | 9          | 16    | 144        |
| 14    | 11         | 154   | 10         | 10    | 100        |
| 15    | 2          | 30    |             |       |            |

**Average:** 10,406,25

**Sum:** 160

**APOP**

| Depth | No. of Anno | Depth | No. of Anno | Depth | No. of Anno |
|-------|------------|-------|------------|-------|------------|
| 3     | 12         | 36    | 2          | 22    | 44         |
| 10    | 1          | 10    | 3          | 47    | 141        |
| 13    | 1          | 13    | 4          | 58    | 232        |
|       |            |       | 5          | 15    | 75         |
|       |            |       | 6          | 97    | 582        |
|       |            |       | 7          | 5     | 35         |
|       |            |       | 8          | 1     | 8          |
|       |            |       | 10         | 5     | 50         |

**Average:** 4,214,285,714

**Sum:** 4,668
|       | NFKB |       |       |
|-------|------|-------|-------|
|       | sum  | 14    | 250   | 496   |
|       | Chebi| depth | # of anno |  |
| -1    | -1   | 0     |        |      |
|       | GO   | depth | # of anno |  |
| 2     | 5    | 10    | 2      | 1    | 2   |
| 3     | 45   | 135   | 3      | 16   | 48  |
| 4     | 41   | 164   | 4      | 60   | 240 |
| 5     | 20   | 100   | 5      | 38   | 190 |
| 6     | 141  | 846   | 6      | 118  | 708 |
| 7     | 44   | 308   | 7      | 3    | 21  |
| 8     | 10   | 80    |        |      |     |
|       | SBO  | depth | # of anno |  |
| 2     |      |       | 2      | 1    | 2   |
| 3     |      |       | 3      | 16   | 48  |
| 4     |      |       | 4      | 60   | 240 |
| 5     |      |       | 5      | 38   | 190 |
| 6     |      |       | 6      | 118  | 708 |
| 7     |      |       | 7      | 3    | 21  |
| 8     |      |       | 8      |      |     |
|       | avg  | n/a   | 5,369281046 | 5,122881 |
| sum   | -1   | 306   | 236    |      |

|       | CAOZ |       |       |
|-------|------|-------|-------|
|       | sum  | 14    | 250   | 496   |
|       | Chebi| depth | # of anno |  |
| 7     | 65   | 455   |        |      |
| 10    | 1    | 10    |        |      |
| 13    | 3    | 39    |        |      |
| 14    | 8    | 112   |        |      |
|       | GO   | depth | # of anno |  |
| 2     | 3    | 6     | 4      | 3    | 12  |
| 3     | 4    | 12    | 5      | 10   | 50  |
| 4     | 24   | 96    | 6      | 3    | 18  |
| 5     | 22   | 110   |        |      |     |
| 6     | 20   | 120   |        |      |     |
| 7     | 30   | 210   |        |      |     |
| 8     | 62   | 496   |        |      |     |
| 9     | 11   | 99    |        |      |     |
| 10    | 3    | 30    |        |      |     |
| 11    | 51   | 561   |        |      |     |
| 12    | 7    | 84    |        |      |     |
|       | SBO  | depth | # of anno |  |
| 2     |      | 2      | 1      | 2    |
| 3     |      | 3      | 4      | 12   |
| 4     |      | 4      | 5      | 10   |
| 5     |      | 5      | 6      | 3    |
| 6     |      | 6      | 7      |      |
| 7     |      | 7      | 8      |      |
| 8     |      | 8      | 9      |      |
| 9     |      | 9      | 10     |      |
| 10    |      | 10     | 11     |      |
| 11    |      | 11     | 12     |      |
| 12    |      | 12     |       |      |
|       | avg  | 8      | 7,696202532 | 5 |
| sum   | 77   | 237   | 16     |      |
| stdv  |      |       |        |      |