|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Table 1 - Number of features for each of the taxanomic, genes, and functions for each of 4 different filters. | | | | | | | |
|  | **None** | **Filter 1** | **Filter 2**  Median number of features | **Filter 3** | **Filter 4** | **Number of SE CAGs** | **Median Number of Features per CAG** |
| Community |  |  |  |  |  |  |  |
| Kingdoms | 1 | 1 | 1 | 1 | 1 |  |  |
| Phyla | 5 | 5 | 5 | 2 | 2 |  |  |
| Classes | 9 | 9 | 8 | 3 | 3 |  |  |
| Orders | 10 | 10 | 9 | 4 | 4 |  |  |
| Families | 18 | 18 | 16 | 6 | 6 |  |  |
| Genera | 27 | 25 | 21 | 11 | 11 | 6 | 12 |
| Species | 55 | 52 | 39 | 25 | 25 | 6 | 13 |
| Subspecies | 48 | 45 | 35 | 22 | 22 | 10 | 13 |
|  |  |  |  |  |  |  |  |
| Gene | 759,675 | 698,245 | 322,758 | 305,192 | 214,961 | 325 | 3781 |
|  |  |  |  |  |  | 296 | 4492 |
|  |  |  |  |  |  | 267 | 5533 |
|  |  |  |  |  |  | 209 | 8704 |
|  |  |  |  |  |  |  |  |
| Function | 90,059 | 88,996 | 70,529 | 24,991 | 21,422 | 130 | 7081 |
|  |  |  |  |  |  | 120 | 7522 |
|  |  |  |  |  |  |  |  |
| Complexes | 945 | 920 | 635 | 208 | 137 |  |  |
| Enzymes | 89,208 | 88,215 | 68,139 | 24,809 | 21,155 |  |  |
| Pathways | 884 | 882 | 858 | 123 | 103 |  |  |
| Transporters | 1,238 | 1,229 | 975 | 350 | 254 |  |  |