| DATA SET  | # of OTU (0.03 dissimilarity) |
|-----------|-------------------------------|
| All sequences | ESPRIT | ESPRIT-Tree | Mothur | Muscle+Mothur | SLP | CROP | CD-HIT | DNAClust | GramCluster | Uclust |
| Clone43 All sequences | 4397 | 1096 | 720 | 1418 | 245 | 133 | 1464 | 3658 | 2071 | 1883 |
| Abundant_10 | 580 | 55 | 56 | 87 | 45 | 44 | 118 | 527 | 313 | 82 |
| Abundant_50 | 104 | 40 | 41 | 75 | 41 | 40 | 70 | 110 | 65 | 73 |
| Abundant_100 | 57 | 38 | 40 | 58 | 39 | 38 | 53 | 60 | 47 | 56 |
| Abundant_150 | 35 | 36 | 36 | 37 | 36 | 36 | 37 | 38 | 37 | 38 |
| Simclone15_1 All sequences | 131 | 29 | 41 | 89 | 17 | 15 | 49 | 225 | 70 | 35 |
| Abundant_10 | 30 | 16 | 22 | 27 | 15 | 15 | 20 | 63 | 20 | 21 |
| Abundant_50 | 18 | 15 | 15 | 20 | 15 | 15 | 16 | 33 | 15 | 16 |
| Abundant_100 | 13 | 15 | 15 | 16 | 15 | 15 | 16 | 20 | 15 | 15 |
| Abundant_150 | 13 | 15 | 15 | 16 | 15 | 15 | 16 | 19 | 15 | 15 |
| Simclone15_2 All sequences | 184 | 40 | 47 | 112 | 16 | 16 | 60 | 286 | 84 | 83 |
| Abundant_10 | 49 | 15 | 27 | 39 | 15 | 15 | 27 | 92 | 31 | 39 |
| Abundant_50 | 27 | 15 | 15 | 20 | 15 | 15 | 17 | 50 | 20 | 24 |
| Abundant_100 | 19 | 15 | 15 | 18 | 15 | 15 | 16 | 31 | 16 | 17 |
| Abundant_150 | 14 | 15 | 15 | 16 | 15 | 15 | 16 | 22 | 16 | 16 |
| Simclone10_1 All sequences | 202 | 10 | 17 | 210 | 9 | 10 | 17 | 100 | 936 | 55 |
| Abundant_10 | 10 | 9 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | 10 |
| Abundant_50 | 10 | 9 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | 10 |
| Abundant_100 | 9 | 10 | 10 | 10 | 9 | 8 | 9 | 10 | 11 | 9 |
| Abundant_150 | 9 | 9 | 10 | 10 | 9 | 8 | 9 | 9 | 11 | 9 |
| Simclone10_2 All sequences | 34 | 10 | 10 | 35 | 9 | 10 | 10 | 45 | 336 | 41 |
| Abundant_10 | 8 | 9 | 10 | 10 | 9 | 10 | 10 | 10 | 24 | 11 |
| Abundant_50 | 7 | 9 | 10 | 10 | 9 | 9 | 10 | 10 | 10 | 10 |
| Abundant_100 | 7 | 9 | 10 | 10 | 9 | 8 | 10 | 10 | 10 | 10 |
| Abundant_150 | 7 | 9 | 10 | 10 | 9 | 9 | 10 | 10 | 10 | 10 |
| Simclone20 All sequences | 74 | 19 | 23 | 71 | 18 | 21 | 31 | 83 | 396 | 64 |
| Abundant_10 | 16 | 18 | 20 | 29 | 18 | 20 | 21 | 27 | 34 | 25 |
| Abundant_50 | 16 | 18 | 20 | 29 | 18 | 20 | 21 | 27 | 34 | 25 |
| Abundant_100 | 15 | 18 | 19 | 19 | 18 | 17 | 19 | 19 | 21 | 19 |
| Abundant_150 | 15 | 18 | 19 | 19 | 18 | 18 | 19 | 19 | 21 | 19 |

Abundant_x: the sequences in the data set with a frequency >=x