**Supplemental Table 1.** All unique sets of pairs, triplets, quartets, quintets and sextets, where the numbers 1 – 7 below represent individual manual annotations of actin. The number of unique sets is given as N. Each set was analysed for similarity using either the Dice coefficient or the modified Dice coefficient (See Figure 1).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pairs | Triplets | Quartets | Quintets | Sextets |
| N=21 | N=35 | N=35 | N=21 | N=7 |
| 1 | 2 | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 1 | 2 | 3 | 4 | 5 | 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | 3 | 1 | 2 | 4 | 1 | 2 | 3 | 5 | 1 | 2 | 3 | 4 | 6 | 1 | 2 | 3 | 4 | 5 | 7 |
| 1 | 4 | 1 | 2 | 5 | 1 | 2 | 3 | 6 | 1 | 2 | 3 | 4 | 7 | 1 | 2 | 3 | 4 | 6 | 7 |
| 1 | 5 | 1 | 2 | 6 | 1 | 2 | 3 | 7 | 1 | 2 | 3 | 5 | 6 | 1 | 2 | 3 | 5 | 6 | 7 |
| 1 | 6 | 1 | 2 | 7 | 1 | 2 | 4 | 5 | 1 | 2 | 3 | 5 | 7 | 1 | 2 | 4 | 5 | 6 | 7 |
| 1 | 7 | 1 | 3 | 4 | 1 | 2 | 4 | 6 | 1 | 2 | 3 | 6 | 7 | 1 | 3 | 4 | 5 | 6 | 7 |
| 2 | 3 | 1 | 3 | 5 | 1 | 2 | 4 | 7 | 1 | 2 | 4 | 5 | 6 | 2 | 3 | 4 | 5 | 6 | 7 |
| 2 | 4 | 1 | 3 | 6 | 1 | 2 | 5 | 6 | 1 | 2 | 4 | 5 | 7 |  |  |  |  |  |  |
| 2 | 5 | 1 | 3 | 7 | 1 | 2 | 5 | 7 | 1 | 2 | 4 | 6 | 7 |  |  |  |  |  |  |
| 2 | 6 | 1 | 4 | 5 | 1 | 2 | 6 | 7 | 1 | 2 | 5 | 6 | 7 |  |  |  |  |  |  |
| 2 | 7 | 1 | 4 | 6 | 1 | 3 | 4 | 5 | 1 | 3 | 4 | 5 | 6 |  |  |  |  |  |  |
| 3 | 4 | 1 | 4 | 7 | 1 | 3 | 4 | 6 | 1 | 3 | 4 | 5 | 7 |  |  |  |  |  |  |
| 3 | 5 | 1 | 5 | 6 | 1 | 3 | 4 | 7 | 1 | 3 | 4 | 6 | 7 |  |  |  |  |  |  |
| 3 | 6 | 1 | 5 | 7 | 1 | 3 | 5 | 6 | 1 | 3 | 5 | 6 | 7 |  |  |  |  |  |  |
| 3 | 7 | 1 | 6 | 7 | 1 | 3 | 5 | 7 | 1 | 4 | 5 | 6 | 7 |  |  |  |  |  |  |
| 4 | 5 | 2 | 3 | 4 | 1 | 3 | 6 | 7 | 2 | 3 | 4 | 5 | 6 |  |  |  |  |  |  |
| 4 | 6 | 2 | 3 | 5 | 1 | 4 | 5 | 6 | 2 | 3 | 4 | 5 | 7 |  |  |  |  |  |  |
| 4 | 7 | 2 | 3 | 6 | 1 | 4 | 5 | 7 | 2 | 3 | 4 | 6 | 7 |  |  |  |  |  |  |
| 5 | 6 | 2 | 3 | 7 | 1 | 4 | 6 | 7 | 2 | 3 | 5 | 6 | 7 |  |  |  |  |  |  |
| 5 | 7 | 2 | 4 | 5 | 1 | 5 | 6 | 7 | 2 | 4 | 5 | 6 | 7 |  |  |  |  |  |  |
| 6 | 7 | 2 | 4 | 6 | 2 | 3 | 4 | 5 | 3 | 4 | 5 | 6 | 7 |  |  |  |  |  |  |
|  |  | 2 | 4 | 7 | 2 | 3 | 4 | 6 |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 2 | 5 | 6 | 2 | 3 | 4 | 7 |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 2 | 5 | 7 | 2 | 3 | 5 | 6 |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 2 | 6 | 7 | 2 | 3 | 5 | 7 |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 3 | 4 | 5 | 2 | 3 | 6 | 7 |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 3 | 4 | 6 | 2 | 4 | 5 | 6 |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 3 | 4 | 7 | 2 | 4 | 5 | 7 |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 3 | 5 | 6 | 2 | 4 | 6 | 7 |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 3 | 5 | 7 | 2 | 5 | 6 | 7 |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 3 | 6 | 7 | 3 | 4 | 5 | 6 |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 4 | 5 | 6 | 3 | 4 | 5 | 7 |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 4 | 5 | 7 | 3 | 4 | 6 | 7 |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 4 | 6 | 7 | 3 | 5 | 6 | 7 |  |  |  |  |  |  |  |  |  |  |  |
|  |  | 5 | 6 | 7 | 4 | 5 | 6 | 7 |  |  |  |  |  |  |  |  |  |  |  |