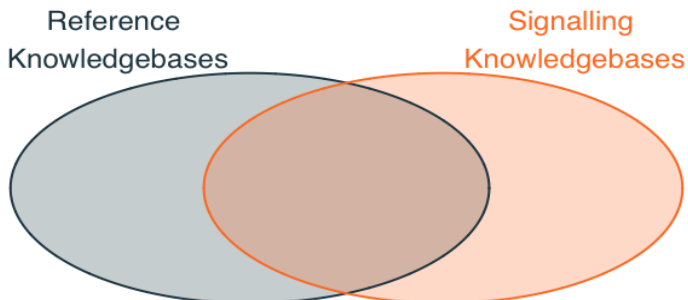


A)



B)

| | HPRD (8047) | BioGRID (18449) | Reactome (10752) | KEGG (7736) | WikiPathways (7090) | PhosphoSitePlus (2749) | SIGNOR (5297) |
|--|----------------|--------------------|---------------------|----------------|------------------------|---------------------------|------------------|
| qPhos (15871) | 8936 | 1850 | 7047 | 9477 | 9859 | 13231 | 11193 |
| IMEX (20794) | 12967 | 4618 | 11069 | 13807 | 14085 | 18072 | 15637 |
| GO Protein Kinase Activity (563) | 177 | 29 | 196 | 219 | 175 | 149 | 114 |
| GO Signalling (6643) | 2991 | 980 | 1829 | 2840 | 3005 | 5015 | 3567 |
| UniProt keyword: PhosphoProtein (8224) | 3630 | 425 | 3127 | 4542 | 4358 | 5842 | 4849 |

C)

| | HPRD (8047) | BioGRID (18449) | Reactome (10752) | KEGG (7736) | WikiPathways (7090) | PhosphoSitePlus (2749) | SIGNOR (5297) |
|--|----------------|--------------------|---------------------|----------------|------------------------|---------------------------|------------------|
| qPhos (15871) | 1112 | 4428 | 1928 | 1342 | 1078 | 109 | 619 |
| IMEX (20794) | 220 | 2273 | 1027 | 749 | 381 | 27 | 140 |
| GO Protein Kinase Activity (563) | 7661 | 17915 | 10385 | 7392 | 6702 | 2335 | 4848 |
| GO Signalling (6643) | 4395 | 12786 | 5938 | 3933 | 3452 | 1121 | 2221 |
| UniProt keyword: PhosphoProtein (8224) | 3453 | 10650 | 5655 | 4054 | 3224 | 367 | 1922 |