**Supplementary Table 2: Dates of Database Access.**

|  |  |  |
| --- | --- | --- |
| **Database** | **Date downloaded** | **Date updated \* CHANGED** |
| Reactome | January 20th 2021 | February 15th 2021 |
| KEGG | February 14th 2021 | February 15th 2021 |
| WikiPathways | January 20th 2021 | February 15th 2021 |
| PhosphoSitePlus (KS) | January 20th 2021 | February 15th 2021 |
| PhosphoSitePlus (full) | January 20th 2021 | February 15th 2021 |
| HPRD | January 20th 2021 | February 15th 2021 |
| IMEX | November 6th 2019 | February 15th 2021 |
| GO category | January 20th 2021 | February 15th 2021 |
| UniProt category | January 20th 2021 | February 15th 2021 |
| UniProt | January 20th 2021 | February 15th 2021 |
| qPhos | January 13th 2020 | February 15th 2021 |