Table 2. The List of curated genes directly associated with COVID-19 development.

| Name of gene | Curated relationship | Inference Score |
|--------------|----------------------|-----------------|
| CCL2         | Biomarker            | 34.37           |
| TNF          | Biomarker            | 30.81           |
| IL6          | Biomarker            | 28.12           |
| CXCL8        | Biomarker            | 27.31           |
| IL1B         | Biomarker            | 26.53           |
| IL10         | Biomarker            | 26.16           |
| IL2          | Biomarker            | 21.02           |
| AGT          | Biomarker            | 19.98           |
| CCL3         | Biomarker            | 13.94           |
| CXCL10       | Biomarker            | 13.69           |
| IL7          | Biomarker            | 9.34            |
| Biomarker | Biomarker and Therapeutic target | Score |
|-----------|----------------------------------|-------|
| ACE2      | Biomarker and Therapeutic target | 7.69  |
| CSF3      | Biomarker                        | 7.09  |
| CRP       | Biomarker                        | 6.88  |
| BTK       | Biomarker                        | 6.84  |
| TMRPSS2   | Biomarker                        | 5.56  |
| IL2RA     | Biomarker                        | 5.23  |
| TMRPSS4   | Biomarker                        | 3     |
| TMEM106B  | Biomarker                        | 2.86  |
| LZTFL1    | Biomarker                        | 2.82  |