**Table 5.** Function of BGDMdocker workflow compared with others pan-genome tools

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Tools | Automatic installation | Cross platform | Resulet  visualization | Genome annotation | Gene Cluster  mining |
| Roary | × | × | × | √ | × |
| PGPA | × | × | × | × | × |
| SplitMEM | × | × | × | × | × |
| PanGP | × | × | × | × | × |
| PanTools | × | × | √ | × | × |
| BGDMdocker | √ | √ | √ | √ | √ |

√ is provided with the function, × is not provided with the function