

| Pipeline features | NanoMethPhase | Nanopyte | METEORE | NANOME |
|-------------------------------------|---|---------------------------------|---------------------------------|---------------------------------|
| Cloud computing (Portability) | | | | ✓ |
| Graphical UI | | | | ✓ |
| Tera-scale results (Scalability) | ✓ | | | ✓ |
| Fully automate (easy to use) | | ✓ | | ✓ |
| Pipeline support | | Snakemake | Snakemake | Nextflow |
| Container support | | ✓ | | ✓ |
| Compatible format for IGV | ✓ | | | ✓ |
| Experimental types | Allele-specific methylation detection | DNA methylation detection | DNA methylation detection | DNA methylation detection |
| Basecalling | | ✓ | | ✓ |
| Alignment | | ✓ | ✓ | ✓ |
| Methylation-calling | | ✓ | ✓ | ✓ |
| Variant-calling | ✓ | | | ✓ |
| Phasing reads | ✓ | | | ✓ |