- Viral genome in contig



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NODE 32 length 78548 cov 9 424853 7796 ViPh0G26107 viral sequence 8236 NODE 32 length 78548 cov 9 424853 ViPh0G24210 viral sequence 14864 15493

ID=NODE 32 length 78548 cov 9 424853;viphog=ViPh0G26107;viphog ID=NODE 32 length 78548 cov 9 424853;viphog=ViPh0G24210;viphog Related with the integration of predicted phages and quality

- 1. CheckV is running in the full contig for prophages
- 2. Multiple phages occurring in the same contig are missing
- 3. Prophages coordinates in the gff not corresponds to coordinates prediction
- 4. Prophages with no CDS matching ViPhOG are excluded in the gff
- 5. Viral genomes in full contigs are missing in the gff output

Related with the GFF file format

- 1. Protein IDs in gff file are missing
- 2. Add the mobile_genetic_element feature and the corresponding coordinates
- 3. Fix the CDS coordinates in the context of the full contig instead of the subseq