

## Whole Genome Amplification Options

- GenomiPhi (SIGMA): <https://www.gelifesciences.com/en/us/shop/molecular-biology/pcr-and-amplification/kits-and-ready-to-go-beads/illustra-ready-to-go-genomiphi-v3-dna-amplification-kits-p-05495?current=25-6601-24>
- REPLI-g (QIAGEN): <https://www.qiagen.com/us/resources/technologies/wga/overview-on-wga/>
- Both of these methods are based on MDA (multiple displacement amplification by Phi29 DNA polymerase. Contact the vendors for more information.
- WGA kit from Menarini Silicon Biosystems from single-cell (*Ampli1™* WGA)

Useful WGA references

### **Comparison of whole genome amplification techniques for human single cell exome sequencing**

[Erik Borgström](#),<sup>1</sup> [Marta Paterlini](#),<sup>2</sup> [Jeff E. Mold](#),<sup>2</sup> [Jonas Frisen](#),<sup>2</sup> and [Joakim Lundeberg](#)<sup>1,\*</sup>  
Yun Li, Editor

### **Performance of four modern whole genome amplification methods for copy number variant detection in single cells**

[Lieselot Deleve](#), [Laurentijn Tilleman](#), [Ann-Sophie Vander Plaetsen](#), [Senne Cornelis](#), [Dieter Deforce](#),<sup>#</sup> and [Filip Van Nieuwerburgh](#)<sup>☒#</sup>