

## HIFI PCR recipes

We have two recipes, a high fidelity one (HF) and then a GC one which is more optimised and often works if you can't get the HF to work.

### HF:

- 4ul dNTP mix (10mM)
- 10ul HF buffer
- 2.5ul primers (10mM)
- 1ul DNA
- 0.5ul phusion TAQ
- 29.5ul SDW

### GC:

- 4ul dNTP mix (10mM)
- 10ul GC buffer
- 2.5ul primers (10mM)
- 1ul DNA
- 2ul Mg<sup>2+</sup>
- 1.5ul DMSO
- 0.5ul phusion TAQ
- 26ul SDW