**Primer design guidelines**

1. Minimize long runs of 1 of the same letter
2. Look for melting temp between 60-65 C and keep forward/reverse within close range of each other (ideally within 0.5 C)
3. Keep the length somewhere around 20-30 (slightly longer if AT-rich)
4. Avoid runs of G’s and C’s at the 3’ end.
5. If you’re putting in a restriction site, try putting in a GG-clamp on the 5’ end.

BE CAREFUL TO DOUBLE CHECK YOUR SEQUENCE!