08 Jan 2021

* 4 runs of the same Master Mix in LS32
  1. 60o and 72o @ 5 sec each
  2. 60o and 72o @ 3 sec each
  3. 56o and 72o @ 4 and 10 sec respectively
  4. 56o and 72o @ 7 and 15 sec respectively
* Each run had 4 dilutions:
  1. 0x
  2. 1/100
  3. 1/10
  4. 1x

1. The fluorescence did not plateau but the 1x sample reached about 32 RFu (relative fluorescence units)
2. After lowering the time the curve still did not plateau and only reached about 15 RFu
3. Lowering the annealing temperature and raising elongation time produced a curve that reached about 52 RFu but still did not plateau.
   * Running 10 more cycles may have allowed it to reach Fmax (maximum fluorescence signal)
4. Increasing the times for anneal and elongate allowed the curve to start plateauing but on this run it looks like the cp values for the 1/100 and 1/10 were too similar