**Reagents:**

            Primers (10 in dH2O)

Cnp3740-mGFP-F: 5’-AGG GTG CTT TAA GTT AGG CTT GGG -3’

Cnp-mGFP80-R: 5’-ACA CGC TGA ACT TGT GGC CGT TTA -3’

dNTP mix (10mM in H2O, 10mM each)

5x PCR Buffer (Promega)

Taq Polymerase (Promega)

**Example Reactions:**

            DNA Template           1.0L

            5x Buffer                    4.0L

            10mM dNTP               0.4L

            Primer                          0.4L

            Taq Polymerase           0.1L

            dH20                            14.1L

            Total Volume              20.0L

**Program:**

95C                3 min

39 cycles:        94C                45 sec

                                    60C                1 min

                                    72C                1 min

            72C                5 min