A. Diagram of the pHS-BVC-LW450 plasmid showing its components such as the CMV promoter, 3X flag, IRES, pBR322, TK PolyA, f1 origin, SV40 enhancer, AmpR promoter, SV40 origin, Neo, and EGFP.

B. Sequence comparison showing the c.5557G>C mutation in the pHS-BVC-5557C plasmid compared to the pHS-BVC-WT plasmid.