

Figure S1. Structure of the all-in-one sgRNA vector. DRD, dopamine receptor; sgRNA, single guide RNA.

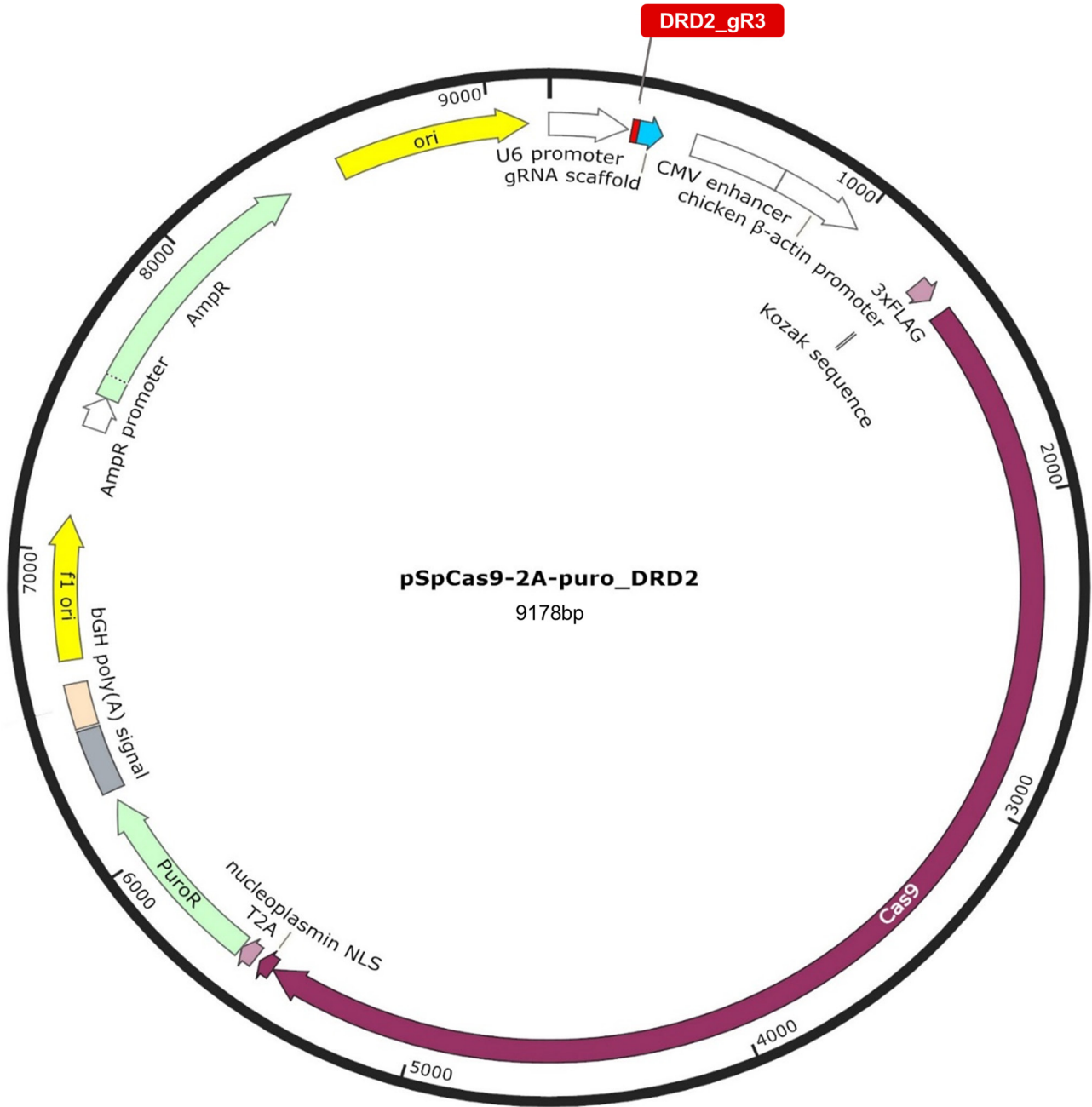
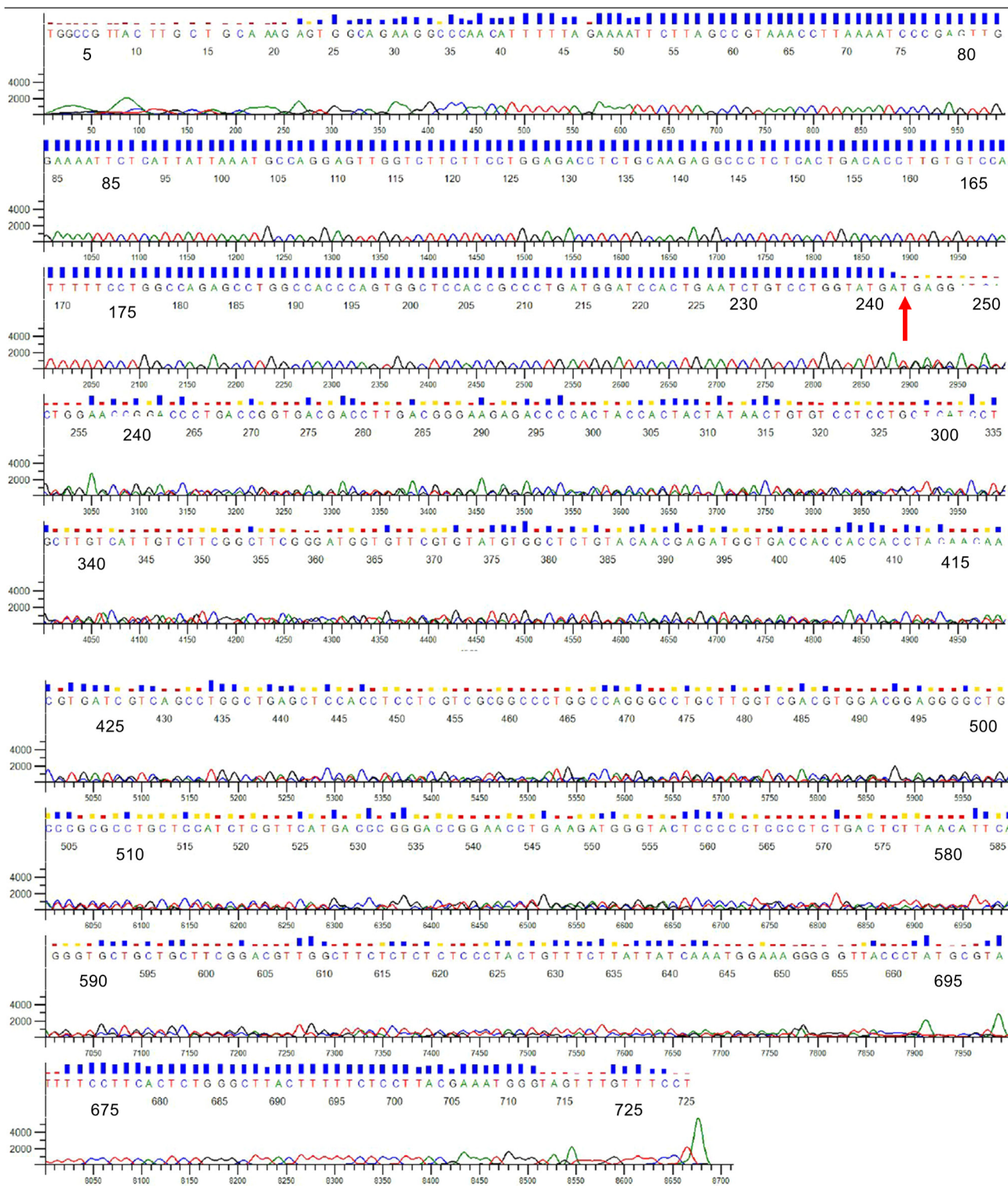


Figure S2. Sanger sequencing of the DNA fragments amplified by PCR with the DRD2 primers used in the T7 endonuclease assay. The red arrow indicates the starting point of the region where the DNA sequence cannot be decoded, suggesting that one copy of the DRD2 gene in PC-3 cells was successfully mutated. QV, quality value; DRD, dopamine receptor.



Inst Model/name:3730xl/3730XL02-18131-006

Sequence Scanner Software 2 v2.0

Pure Base QVs:



Mixed Base QVs:



Figure S3. Effects of anticancer agents on the growth of PC-3 derived CSC-like cells. PC-3 and PC-3-derived CSC-like cells were seeded into a 96-well plate at a density of 1×10^4 cells/ml, treated with compounds at various concentrations, allowed to grow for 48 h, and then subjected to the WST-8. Data are presented as mean \pm SD (n=4). ***P<0.001 vs. control. CSC, cancer stem cell.

