Figure S1

DLD-1:

A

B

C

D

E

F

G

H

SW480:
Figure S1. dnLEF-1 and dnTCF-1Emut do not alter the cell cycle or proliferation *in vitro*.  

(A-D) Analysis of two clonal DLD-1 cell lines (dnLEF-1(1) and dnLEF-1(2)) with stably integrated doxycycline-inducible expression of flag-tagged dnLEF-1.  
(E-H) Analysis of SW480 cells infected with lentivirus carrying flag-tagged dnLEF-1 or dnTCF-1Emut.  

(A,E) Western blot analysis of flag-tagged transgenes after five days of doxycycline treatment (A) or six days post transduction (E).  

(B,F) Luciferase reporter assays show that dnLEF/TCF expression (B: 24h doxycycline; F: six days post transduction) reduces activity of the Wnt reporter, SuperTOPFlash. Graphs shown are representative of three replicates. Error bars represent the spread between duplicates.  

(C,G) A colorimetric-based growth curve assay shows little to no difference in proliferation rate over ten days of dnLEF/TCF expression. Graphs shown are representative of at least three replicates. Error bars depict the standard deviation of eight internal replicates.  

(D,H) FACS scatter profiles (left) and quantitation (right) show no change in cell cycle after 24h of doxycycline treatment (D) or three days after lentiviral infection (H).