



**Supplemental figure 1.** #GSE37364 (38 normal colon samples and 56 primary CRC samples) from GEO database were used to analyse the expression of *CyclinD1*(A), *CDK4*(B), *E-cadherin*(C), *Twist1*(D). Data are presented as mean  $\pm$  SEM \* $p < 0.05$ , \*\* $p < 0.01$ , \*\*\* $p < 0.001$  compared with control.