

Supplementary Materials

Table S1

Part of differentially expressed genes in CHODL over-expressed cells

Gene	Fold-change	Gene	Fold-change
Up-regulated	($p < 0.05$)	Down-regulated	($p < 0.05$)
LOC100129203	23	TRIM17	11
RAET1E-AS1	17	AKR1C1	10
HOXD-AS2	15	PLSCR3	10
CHRNA1	13	CDH11	9
RPRML	13	TULP2	8
SERTAD4	13	CXCR2	8
PRR34	13	PTGS2	7
ANGPTL6	13		
LOC100506747	13		
PCDH8	13		

Figure S1

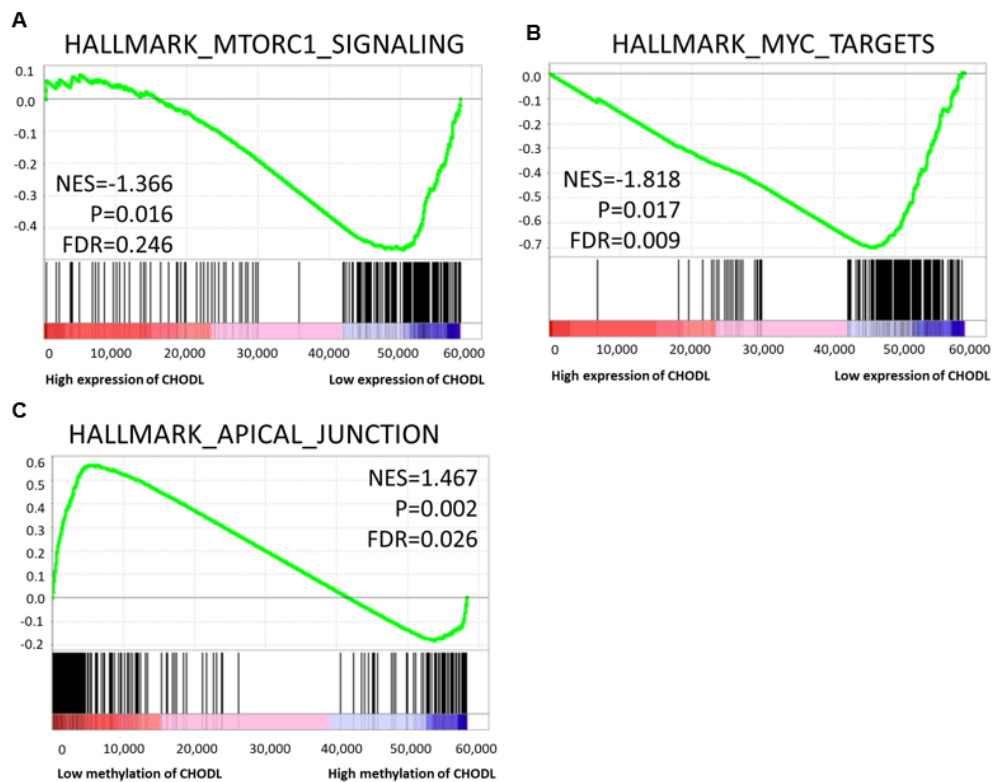


Figure S1 Classified the differentially expressed genes by GSEA.

Figure S2

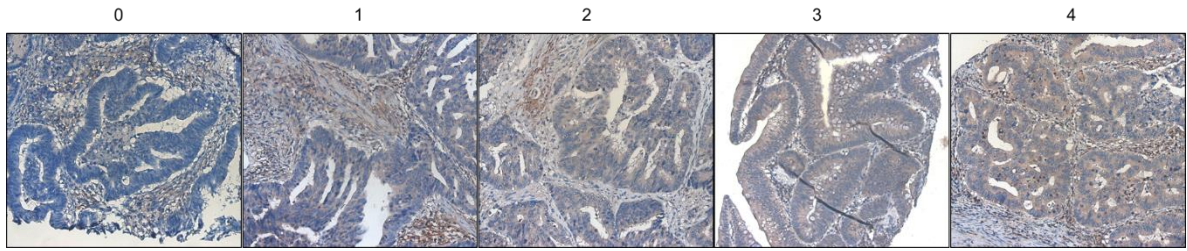


Figure S2 Scores indicated CHODL levels in representative tumor tissues as determined by IHC staining. Scores were calculated by intensity and percentage of stained cells. Scale bars, 100 μ m.