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- [1] Bhan A, Soleimani M, Mandal SS. Long noncoding RNA and cancer: a new paradigm[J]. *Cancer Res*, 2017, 77(15): 3965-3981.
- [2] Arunkumar G, Murugan AK, Subbiah S, et al. Long non-coding RNA CCAT1 is overexpressed in oral squamous cell carcinomas and predicts poor prognosis [J]. *Biomed Rep*, 2017, 6(4): 455-462.
- [3] Chen Y, Xie H, Gao Q, et al. Colon cancer associated transcripts in human cancers [J]. *Biomed Pharmacother*, 2017, 94(1): 531-540.
- [4] He X, Tan X, Wang X, et al. C-Myc-activated long noncoding RNA CCAT1 promotes colon cancer cell proliferation and invasion [J]. *Tumour Biol*, 2014, 35(12): 12181-12188.
- [5] Guo X, Hua Y. CCAT1: an oncogenic long noncoding RNA in human cancers [J]. *J Cancer Res Clin Oncol*, 2017, 143(4): 555-562.
- [6] Ma MZ, Chu BF, Zhang Y, et al. Long non-coding RNA CCAT1 promotes gallbladder cancer development via negative modulation of miRNA-218-5p [J]. *Cell Death Dis*, 2015, 6(1): 1583-1590.
- [7] Liu Z, Ma C, Tang X, et al. The reciprocal interaction between lncRNA CCAT1 and miR-375-3p contribute to the downregulation of IRF5 gene expression by solasonine in HepG2 human hepatocellular carcinoma cells [J]. *Front Oncol*, 2019, 9(1): 1081-1088.
- [8] Zhang C, Wang W, Lin J, et al. lncRNA CCAT1 promotes bladder cancer cell proliferation, migration and invasion [J]. *Int Braz J Urol*, 2019, 45(3): 549-559.
- [9] Hu M, Zhang Q, Tian XH, et al. lncRNA CCAT1 is a biomarker for the proliferation and drug resistance of esophageal cancer via the miR-143/PLK1/BUBR1 axis [J]. *Mol Carcinog*, 2019, 58(12): 2207-2217.
- [10] Cao Y, Shi H, Ren F, et al. Long non-coding RNA CCAT1 promotes metastasis and poor prognosis in epithelial ovarian cancer [J]. *Exp Cell Res*, 2017, 359(1): 185-194.
- [11] Lai XJ, Cheng HF. lncRNA colon cancer-associated transcript 1 (CCAT1) promotes proliferation and metastasis of ovarian cancer via miR-1290 [J]. *Eur Rev Med Pharmacol Sci*, 2018, 22(2): 322-328.
- [12] Mu Y, Li N, Cui YL. The lncRNA CCAT1 upregulates TGFβR1 via sponging miR-490-3p to promote TGFβ1-induced EMT of ovarian cancer cells [J]. *Cancer Cell Int*, 2018, 18(1): 145-152.
- [13] Brovkina OI, Pronina IV, Burdenny AM, et al. The role of long non-coding RNA CCAT1 and SNHG14 in activation of some protein-coding genes associated with the development of ovarian cancer [J]. *Bull Exp Biol Med*, 2022, 172(6): 760-764.
- [14] Wang DY, Li N, Cui YL. Long non-coding RNA CCAT1 sponges miR-454 to promote chemoresistance of ovarian cancer cells to cisplatin by regulation of surviving [J]. *Cancer Res Treat*, 2020, 52(3): 798-814.
- [15] Zhang J, Gao Y. CCAT-1 promotes proliferation and inhibits apoptosis of cervical cancer cells via the Wnt signaling pathway [J]. *Oncotarget*, 2017, 8(40): 68059-68070.
- [16] Shen H, Wang L, Xiong J, et al. Long non-coding RNA CCAT1 promotes cervical cancer cell proliferation and invasion by regulating the miR-181a-5p/MMP14 axis published correction appears in *Cell Cycle* [J]. *Cell Cycle*, 2019, 18(10): 1110-1121.
- [17] Li R, Liu J, Qi J. Knockdown of long non-coding RNA CCAT1 suppresses proliferation and EMT of human cervical cancer cell lines by down-regulating Runx2 [J]. *Exp Mol Pathol*, 2020, 113(1): 104380.
- [18] Jiang Y, Jiang YY, Xie JJ, et al. Co-activation of super-enhancer-driven CCAT1 by TP63 and SOX2 promotes squamous cancer progression [J]. *Nat Commun*, 2018, 9(1): 3619.
- [19] Zhang L, Guo C, Ji T, et al. SOX2 regulates lncRNA CCAT1/miRNA-185-3p/FOXP3 axis to affect the proliferation and self-renewal of cervical cancer stem cells [J]. *Nanoscale Res Lett*, 2021, 16(1): 2.
- [20] Tang J, Yang Z, Wang Z, et al. Foxp3 is correlated with VEGF-C expression and lymphangiogenesis in cervical cancer [J]. *World J Surg Oncol*, 2017, 15(1): 173.
- [21] Dowdy SC. Improving oncologic outcomes for women with endometrial cancer: realigning our sights [J]. *Gynecol Oncol*, 2014, 133(2): 370-374.
- [22] Yu J, Jiang L, Gao Y, et al. lncRNA CCAT1 negatively regulates miR-181a-5p to promote endometrial carcinoma cell proliferation and migration [J]. *Exp Ther Med*, 2019, 17(5): 4259-4266.
- [23] Korhan P, Erdal E, Atabey N. MiR-181a-5p is downregulated in hepatocellular carcinoma and suppresses motility, invasion and branching-morphogenesis by directly targeting c-Met [J]. *Biochem Biophys Res Commun*, 2014, 450(4): 1304-1312.
- [24] Treeck O, Skrzypczak M, Schüller-Toprak S, et al. Long non-coding RNA CCAT1 is overexpressed in endometrial cancer and regulates growth and transcriptome of endometrial adenocarcinoma cells [J]. *Int J Biochem Cell Biol*, 2020, 122(1): 105740.
- [25] Zhang XF, Liu T, Li Y, et al. Overexpression of long non-coding RNA CCAT1 is a novel biomarker of poor prognosis in patients with breast cancer [J]. *Int J Clin Exp Pathol*, 2015, 8(8): 9440-9445.
- [26] Han C, Li X, Fan Q, et al. CCAT1 promotes triple-negative breast cancer progression by suppressing miR-218/ZFX signaling [J]. *Aging (Albany NY)*, 2019, 11(14): 4858-4875.
- [27] Tang T, Guo C, Xia T, et al. lncCCAT1 Promotes Breast Cancer Stem Cell Function through Activating WNT/β-catenin Signaling [J]. *Theranostics*, 2019, 9(24): 7384-7402.
- [28] Hanna GG, Kirby AM. Intraoperative radiotherapy in early stage breast cancer: potential indications and evidence to date [J]. *Br J Radiol*, 2015, 88(1049): 686-701.
- [29] Lai Y, Chen Y, Lin Y, et al. Down-regulation of lncRNA CCAT1 enhances radiosensitivity via regulating miR-148b in breast cancer [J]. *Cell Biol Int*, 2018, 42(2): 227-236.

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