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Targeting Hypoxia-Mediated Mucin 2 Production as a Therapeutic Strategy for Mucinous Tumors

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**TARGETING HYPOXIA-MEDIATED MUCIN 2 PRODUCTION AS A THERAPEUTIC
STRATEGY FOR MUCINOUS TUMORS**

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Short Title: Inhibiting MUC2 by targeting hypoxia signaling

Key Words: mucin; MUC2; xenograft; pseudomyxoma peritonei; hypoxia, HIF

Abbreviations: PMP, pseudomyxoma peritonei; MUC2, mucin 2; HIF, hypoxia inducible factor; HRE, hypoxia response element.

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Conceived and designed the experiments: AKD, HAC, DLB, YJL; **Performed the experiments:** AKD, HAC; **Analyzed the data:** HAC, AKD; **Wrote the paper:** HAC, AKD, DLB, HJZ.

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