

Title: The Oncogenic Role of COL23A1 in Clear Cell Renal Cell Carcinoma

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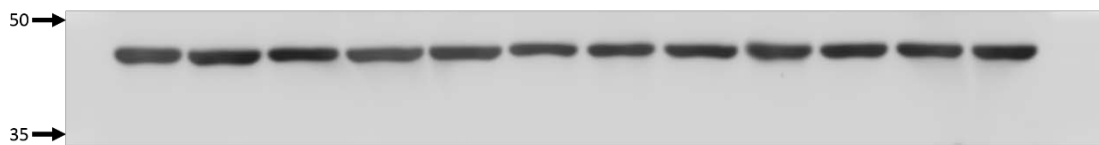
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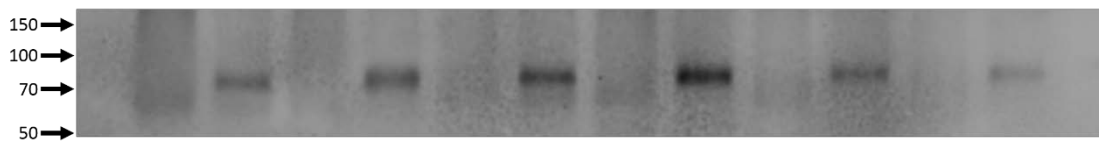
Supplementary materials for Fig. 1C:



Detecting COL23A1 of ccRCC patients' (1~6) tissues by Western Blot



Detecting endogenous control (β -actin) of ccRCC patients' (1~6) tissues by Western Blot

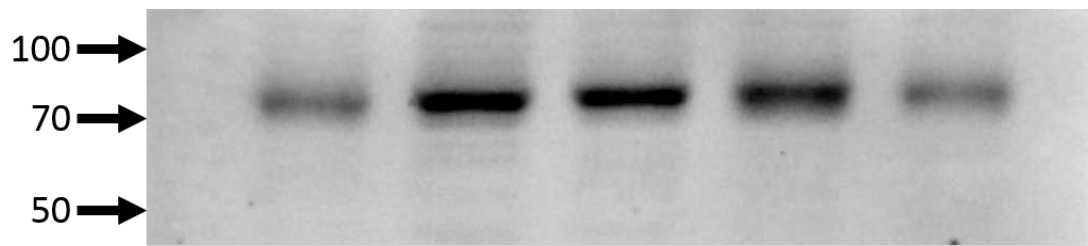


Detecting COL23A1 of ccRCC patients' (7~12) tissues by Western Blot

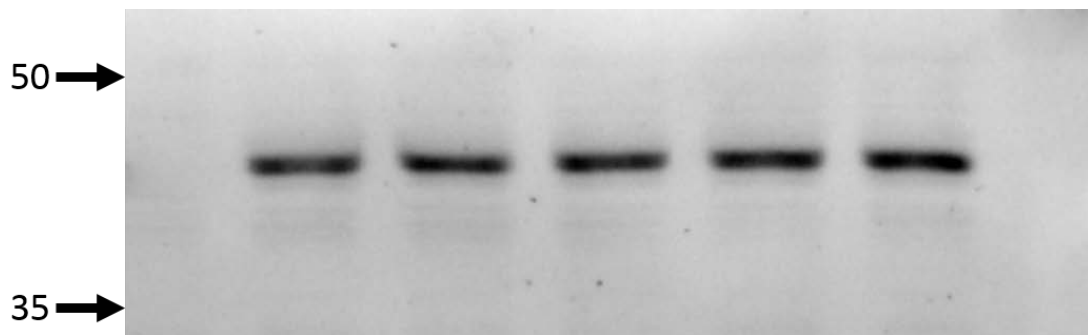


Detecting endogenous control (β -actin) of ccRCC patients' (7~12) tissues by Western Blot

Supplementary materials for Fig. 3B:

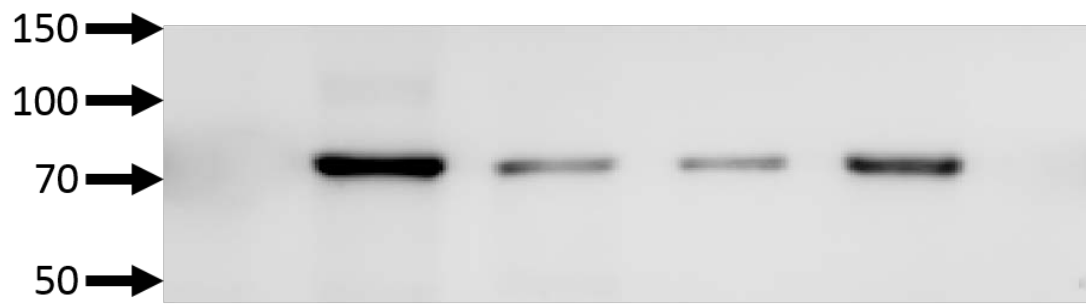


COL23A1 expression in one normal and four ccRCC cell lines



Expression of endogenous control (β -actin) in one normal and four ccRCC cell lines

Supplementary materials for Fig. 4C:

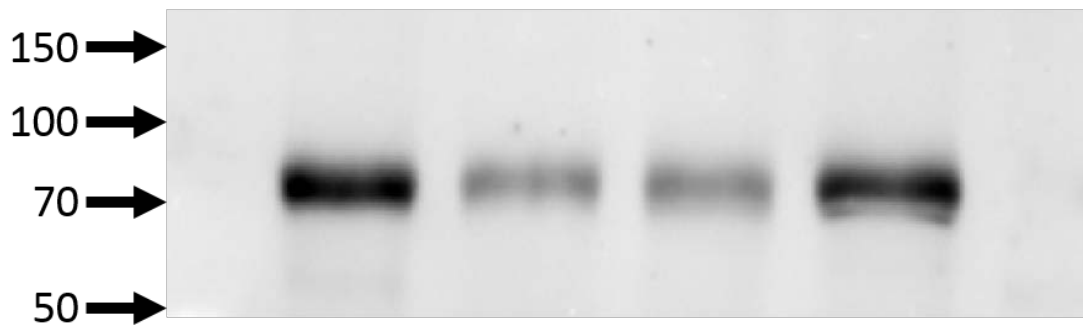


Detecting the efficiency of COL23A1 knockdown by small interfering RNA in 786-O

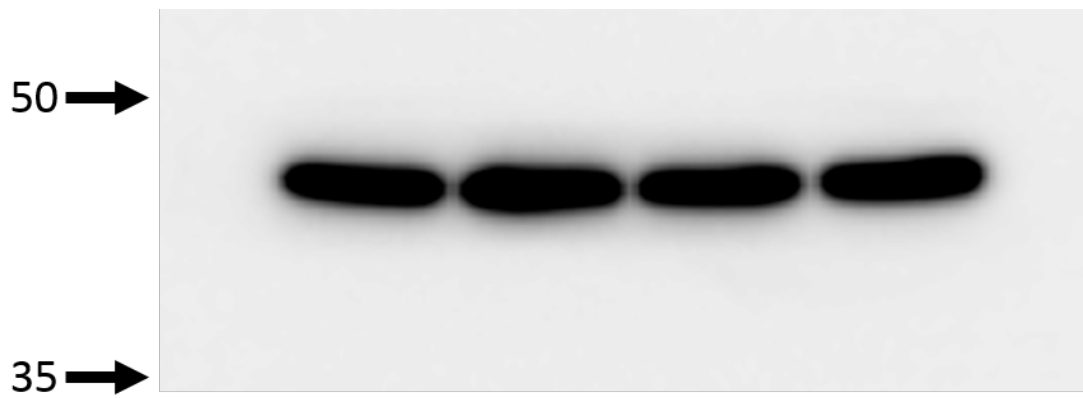


Expression of endogenous control (β -actin) in cell lines detecting the efficiency of COL23A1 knockdown in 786-O

Supplementary materials for Fig. 4D:

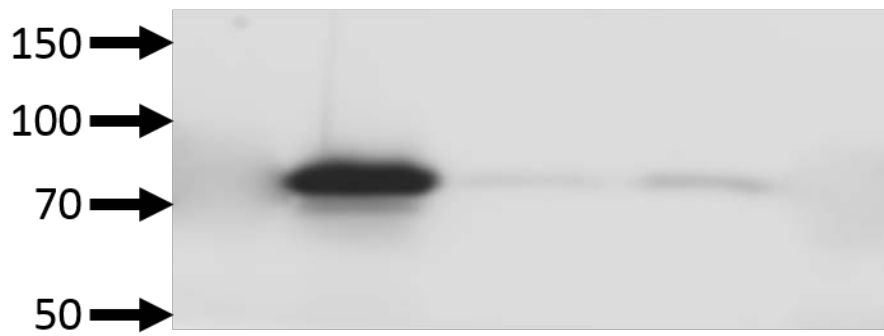


Detecting the efficiency of COL23A1 knockdown by small interfering RNA in A-498

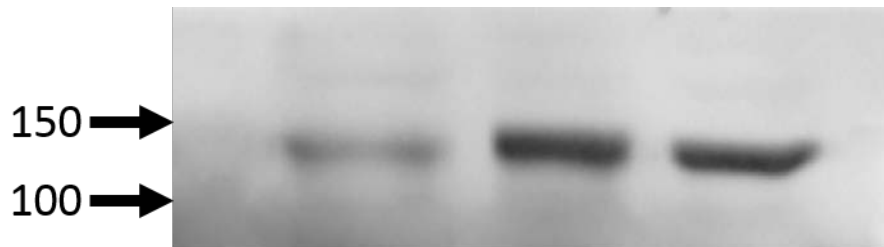


Expression of endogenous control (β -actin) in cell lines detecting the efficiency of COL23A1 knockdown in A-498

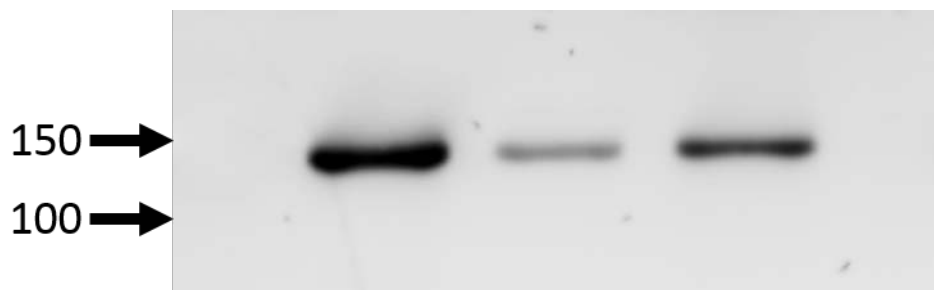
Supplementary materials for Fig. 6C:



COL23A1 expression in 786-O (siNC, siRNA#1 and siRNA#2)



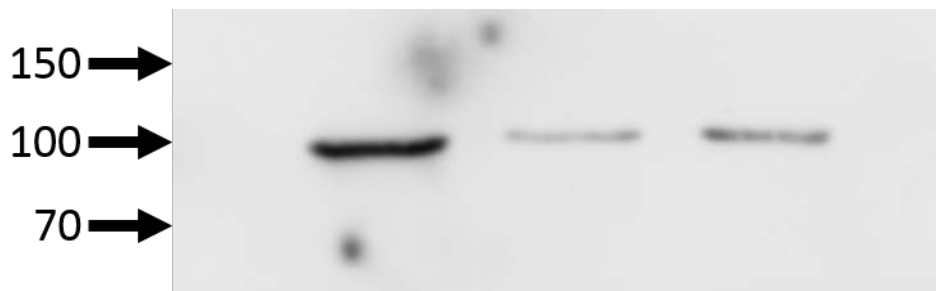
E-cadherin expression in 786-O (siNC, siRNA#1 and siRNA#2)



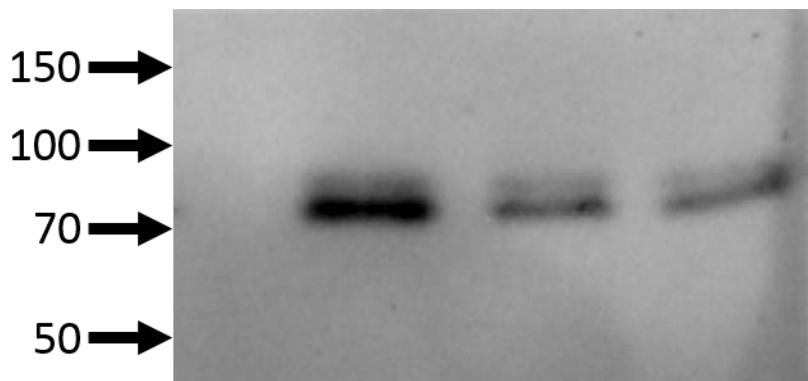
N-cadherin expression in 786-O (siNC, siRNA#1 and siRNA#2)



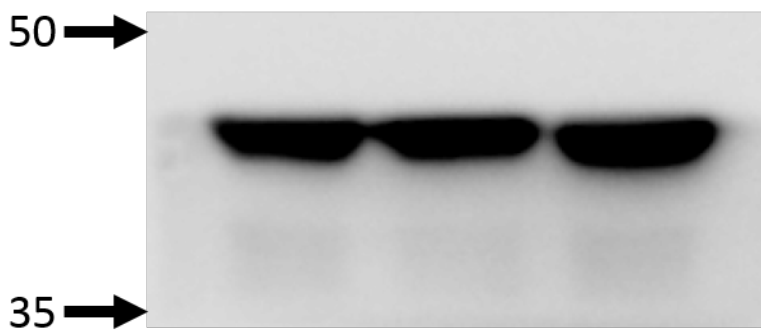
α -catenin expression in 786-O (siNC, siRNA#1 and siRNA#2)



β -catenin expression in 786-O (siNC, siRNA#1 and siRNA#2)

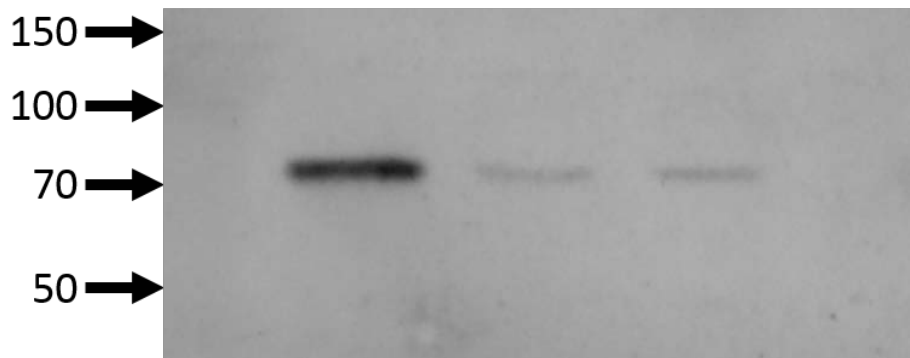


γ -catenin expression in 786-O (siNC, siRNA#1 and siRNA#2)

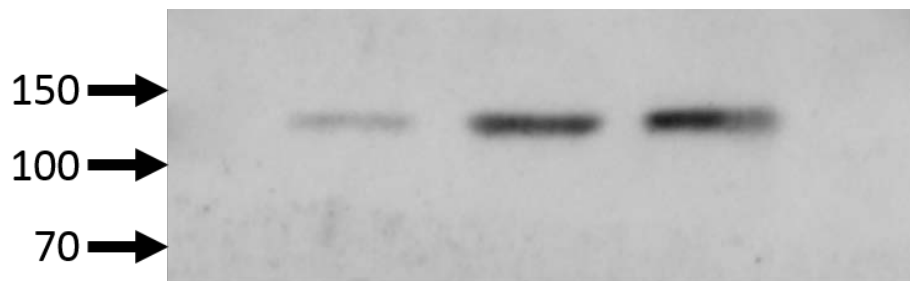


Expression of endogenous control (β -actin) in 786-O (siNC, siRNA#1 and siRNA#2)

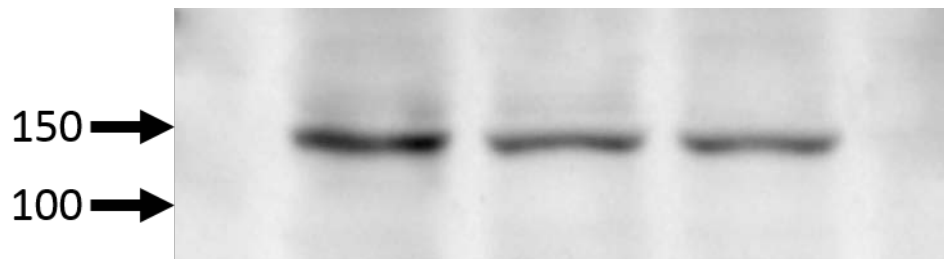
Supplementary materials for Fig. 6D:



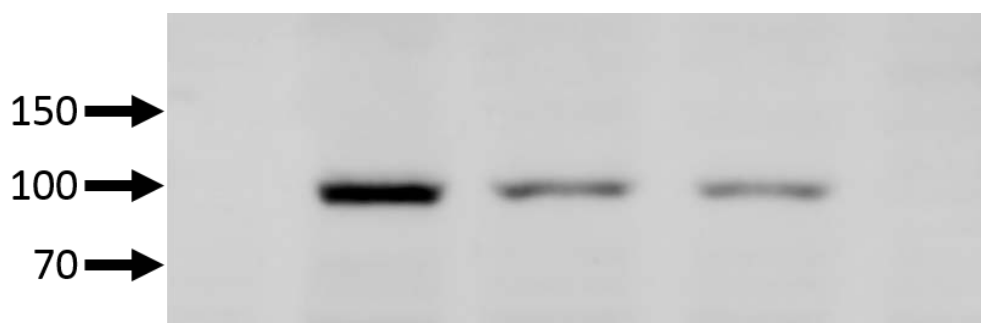
COL23A1 expression in A-498 (siNC, siRNA#1 and siRNA#2)



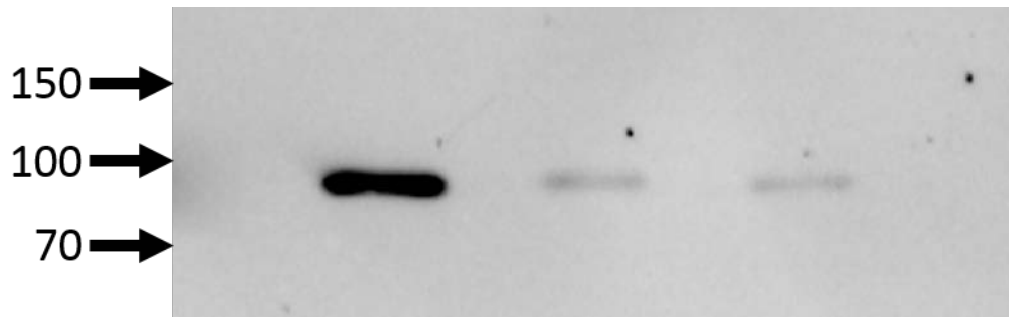
E-cadherin expression in A-498 (siNC, siRNA#1 and siRNA#2)



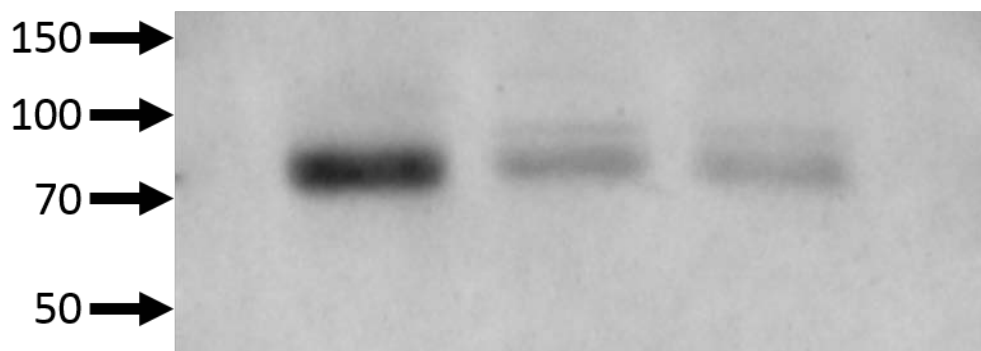
N-cadherin expression in A-498 (siNC, siRNA#1 and siRNA#2)



α -catenin expression in A-498 (siNC, siRNA#1 and siRNA#2)



β -catenin expression in A-498 (siNC, siRNA#1 and siRNA#2)



γ -catenin expression in A-498 (siNC, siRNA#1 and siRNA#2)



Expression of endogenous control (β -actin) in A-498 (siNC, siRNA#1 and siRNA#2)