## Supporting Information

# Discovery of a Novel Aminocyclopropenone Compound that Inhibits BRD4-driven Nucleoporin NUP210 Expression and Attenuates Colorectal Cancer Growth

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**Table S1.** Antibodies

| Antibody | Company | Catalog # |
|---|---|---|
| β-actin | Cell Signaling Technology | 4967S |
| BRD4 | Abcam | ab128874 |
| BRD4 | Cell Signaling Technology | 13440s |
| NUP58 | Sigma | HPA039360 |
| mrnp41 (H-3) | Santa Cruz Biotechnology | sc-393252 |
| NUP37 | Santa Cruz Biotechnology | sc-109348 |
| MYC | Wako | 017-21871 |
| NUP210 | Santa Cruz Biotechnology | sc-79500 |
| Goat anti-Rabbit IgG (H+L), Alexa Fluor 488 | Thermo Fisher Scientific | A11034 |
| anti-Mouse IgG | Cell Signaling Technology | 7076S |
| anti-Rabbit IgG | Cell Signaling Technology | 7074S |
| anti-Goat IgG | Invitrogen | #PA1-28664 |

**Table S2.** Primer sequences used for qRT-PCR.

| Name | Sequence |
|---|---|
| NUP35-F | CTAGCCCAGGACTTGGATCA |
| NUP35-R | ACTCTAGCCTGGGCAACTGA |
| NUP93-F | GTTTGAAGAGGCAGCAAAGC |
| NUP93-R | ACAGGGCTCAGCAGTTTGTT |
| NUP155-F | TGAGAATCCCAGCCAAGTTT |
| NUP155-R | TGGAGCTCAACAAGGTAACCA |
| NUP188-F | ATAGGCACCTGGTGGATGAG |
| NUP188-R | CAGGATGAGGGCACTGAAGTA |
| NUP205-F | TAGACGGGGAAAGACATGGA |
| NUP205-R | TGCTCCATCAGCTCATCTGT |
| NUP54-F | TGCAGAATCATTTTGGAGCA |
| NUP54-R | ATGGCTAAGGCCTTCCTGTT |
| NUP58-F | TGGGAGGTTCACTTTTCCAG |
| NUP58-R | TTGCCTGCAGTTGAAGTAGC |
| NUP62-F | ACATCGATGCACAGCTCAAG |
| NUP62-R | ACTGCAGTGAGTCCATGTGC |
| NUP98-F | CAAAGAATACCGGCCTGAAA |
| NUP98-R | GGATGCTCCTCCTCCTCTTC |
| RAE1-F | TTGCAGGATCATGGGCTAAT |
| RAE1-R | GGCTTTTGGAATGGTCTGTC |
| NUP37-F | TCAGATCTTCAGGATAAAAATGAA |
| NUP37-R | GGGATCAAACACCAAACCAT |
| NUP43-F | GAATTGTCGCTGCTTCATCA |
| NUP43-R | TCCACTGCTGGTTGACTGAC |
| NUP85-F | AGGGGAGATGCTGGTATGTG |
| NUP85-R | CAACTTGGCACCATCTCTGA |
| NUP96-F | ACTGGGACAGCATTTGGAAC |
| NUP96-R | ATGAAGGTGCACTGGTTGTG |
| NUP107-F | TCAGAGGGATTCACTTGTTCG |
| NUP107-R | TCCAATTTCATCTTTGGCAAT |
| NUP133-F | TGCCAAATGTCAGATGCAGT |
| NUP133-R | GAAAAGTTTGGGACCGTCAA |

| | |
|---|---|
| NUP160-F | CACCAGGACAATTCACAAATG |
| NUP160-R | CAGTTCCTCGGCAGAAAATC |
| SEH1-F | GGTGATTGGCATTGTACTGCT |
| SEH1-R | CACACGCCATACAGATCCAC |
| SEC13-F | GGCTTGTGCTGGAAAAGATG |
| SEC13-R | TGGGAGGTATCCACAGTGTT |
| ELYS-F | TGTGCTTCGTGGAAAGTTTG |
| ELYS-R | CCAAGCAAGCAAGTCCATTT |
| NUP358-F | CTGACGTGGAGCGGTACAT |
| NUP358-R | CAGCTTTGCAAAATAGAATCCTT |
| NUP214-F | CCAAGTGGAAATCACCATCA |
| NUP214-R | GAGAACTGGAGCAGGAGGAA |
| NUP88-F | CCTAAAAGATGGGGGAAGAA |
| NUP88-R | AAAATCTCTCCGCAACTGGA |
| POM121-F | CCTTGATGGCCAGGAAAATA |
| POM121-R | TGTCCACTGCCACTGCTATC |
| NDC1-F | AGGTCGCGGGACATACTG |
| NDC1-R | CAACTATCCTCCAGCCCAAA |
| NUP210-F | ACGTGGTCGAACCTGGATAC |
| NUP210-R | TCACCAGGGTGAACAGTGAA |
| NUP153-F | TCAGGCCAAAAGAGAAAAGG |
| NUP153-R | TGGCTTTGGGGTCATAAGTC |
| TPR-F | GCGGCTTGAGCTAGAGAAAC |
| TPR-R | CAATATTGCGATCCTGAGCA |
| NUP50-F | CAAGTTGGGCAGGACTCATC |
| NUP50-R | GCGCTTTGCTTTCTTTATGG |
| GAPDH-F | GTCAGTGGTGGACCTGACCT |
| GAPDH-R | AGGGGTCTACATGGCAACTG |