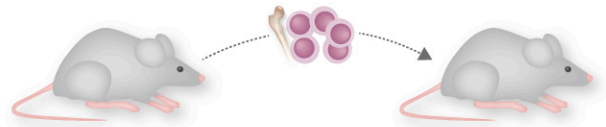


# *iNUP98-KMT2A* has in vivo transforming activity and interferes with cell cycle progression rather than primarily blocking differentiation

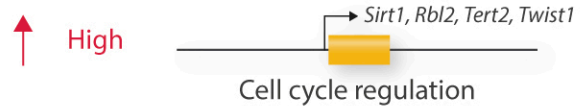
- 1 Expression of *iNUP98-KMT2A* leads to expansion and competitive advantage of hematopoietic stem and progenitor cells



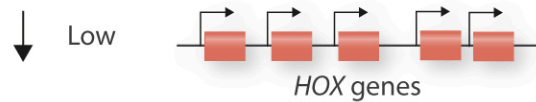
- 2 Some *iNUP98-KMT2A* mice develop transplantable AML



- 3 Expression of *iNUP98-KMT2A* results in aberrant cell cycle progression and escape from senescence



- 4 AML cells do not express the *HoxA-B-C* gene cluster and are resistant to compounds targeting the KMT2A-menin interaction



MEN1 inhibitors



BET inhibitors

