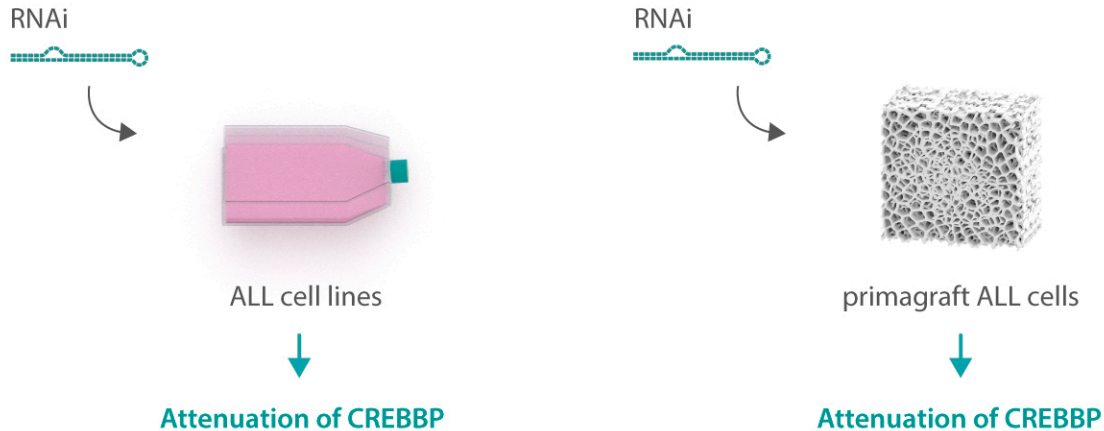


CREBBP knockdown enhances RAS/RAF/MEK/ERK signalling in Ras pathway mutated acute lymphoblastic leukaemia but does not modulate chemotherapeutic response



signalling effects

- KRAS is directly acetylated by CREBBP
- CREBBP knockdown enhances signalling of the RAS/RAF/MEK/ERK pathway in Ras pathway mutated ALL cells

therapeutic effects

- CREBBP mutations do not alter response to MEK inhibitors
- CREBBP mutations have no role in modulating response to GC, other ALL chemotherapeutic drugs or HDACi