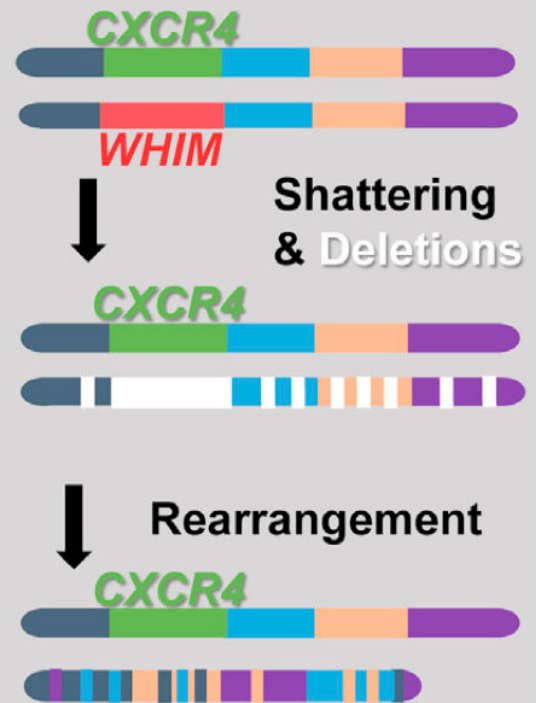


Hematopoietic cells with
dominant **CXCR4^{WHIM}**
mutation on Chr 2

**WHIM
SYNDROME**

Chromothripsis on
Chr 2 in one HSC

Chromothripsis



**CLINICAL
CURE**

Selective advantage for
myeloid repopulation