# Question 1 - Are there specific recurring SNVs/Indels near breakpoint sites?

1. Extract seq around breakpoints around RAD51B
2. Use SNV/Indel data to identify patterns

Steps

1. Obtain sequence of WT RAD51B
2. Identify breakpoint sites of MT RAD51B
3. Extract sequences around breakpoint sites (+/- 50bp, 100bp, 150bp, 500bp, 1kb, 1.5kb, 2kbp, 5kbp, 10kbp, 1mb, 5mb, 10mb)
4. Compare extracted sequences around breakpoint sites to comparable WT sequences to identify SNVs
5. Frequency table of SNVs

-> Show arrows between loci