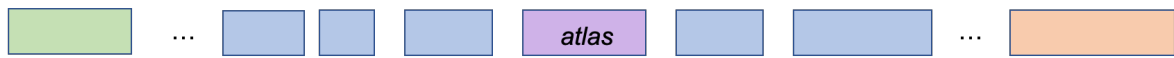


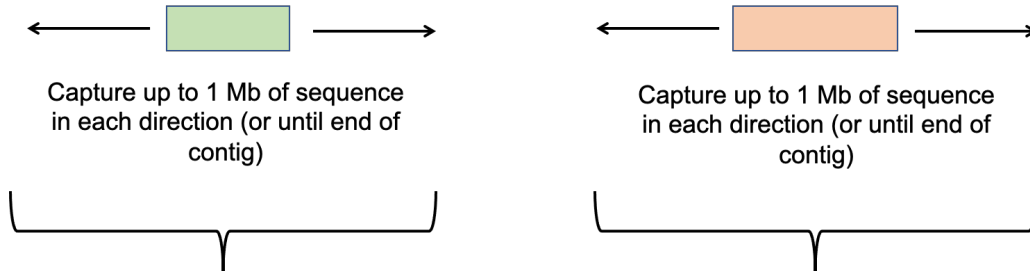
***Drosophila ananassae* or *virilis*:**



Scan in each direction until a gene with an identifiable homolog in target non-*Drosophila* species is found

Target Dipteran genome:

(green and orange homologs on separate contigs, indicating synteny breakdown):



Search these regions using BLAST and Exonerate to look for any stretches of DNA with identity to either Atlas protein or *atlas* cDNA