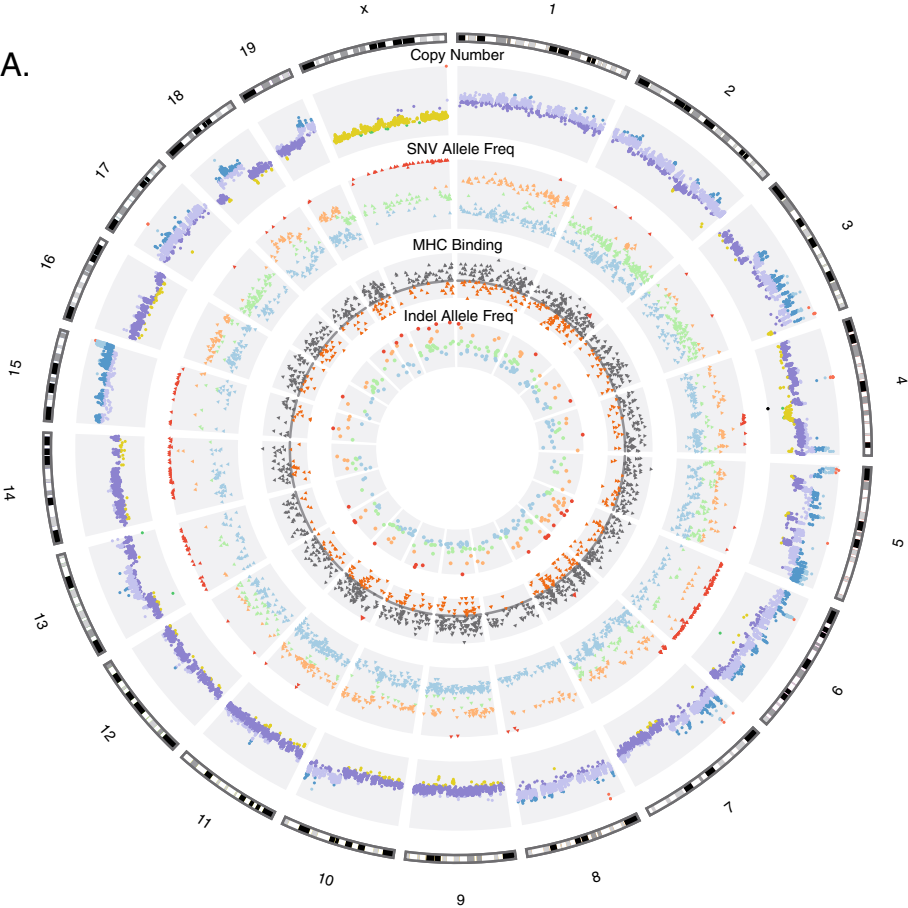
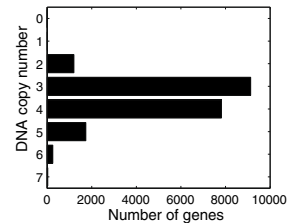


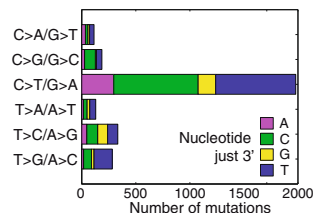
A.



B.



C.



D.

|                             |      |
|-----------------------------|------|
| Single nucleotide mutations |      |
| High confidence             | 3023 |
| in transcripts              | 3023 |
| in UTRs                     | 629  |
| in CDS                      | 2394 |
| synonymous                  | 706  |
| non-synonymous              | 1688 |
| missense                    | 1620 |
| premature stop              | 68   |