1. Reading journals.
2. Length of the genome: 29,903 (29 Kilobases), they range from 26 Kilobases to 32 kilobases.

Coronaviruses are made up of unsegmented single-stranded RNA.

1. SARS CoV-2 contains total of 11 genes and their names are as follows:
2. Gene = ORF1ab, GeneID:43740578
3. Gene = S, GeneID:43740568
4. Gene = ORF3a, GeneID:43740569
5. Gene = E, GeneID:43740570
6. Gene = M, GeneID:43740571
7. Gene = ORF6, GeneID:43740572
8. Gene = ORF7a, GeneID:43740573
9. Gene = ORF7b, GeneID:43740574
10. Gene = ORF8, GeneID:43740577
11. Gene = N, GeneID:43740575
12. Gene = ORF10, GeneID:43740576
13. CDS means Coding Sequences.

There are 12 Coding sequences in CoV-2 genome 2 for ORF1ab gene: (266:13468,13468:21555), (266:13483) and one each for other 10 genes.

The virus genome codes 28 proteins:

* orf1ab (orf1ab polyprotein)
* orf1a (orf1a polyprotein)
* nsp1 (leader protein)
* nsp2
* nsp3
* nsp4
* nsp5 (3C-like proteinase)
* nsp6
* nsp7
* nsp8
* nsp9
* nsp10
* RdRp (RNA-dependent RNA polymerase or nsp12)
* nsp11
* nsp13 (helicase)
* nsp14 (3'-to-5' exonuclease)
* nsp15 (endoRNAse)
* nsp16 (2'-O-ribose methyltransferase)
* S (surface glycoprotein or spike protein)
* ORF3a
* E (envelope protein or ORF4)
* M (membrane glycoprotein or ORF5)
* ORF6
* ORF7a
* ORF7b
* ORF8
* N (nucleocapsid phosphoprotein or ORF9)
* ORF10