



DGR as a hypothetical bacterial immune system

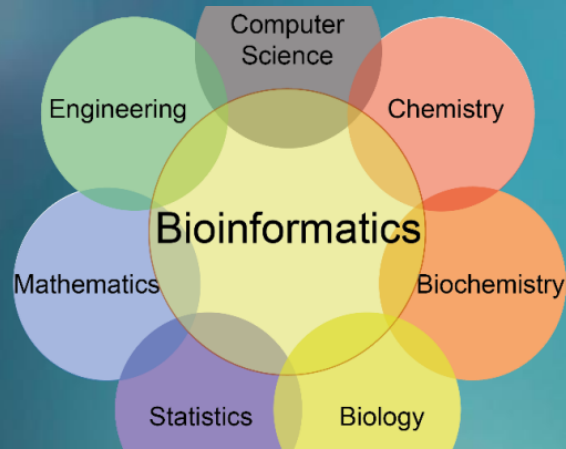
Sokolov Arseny
FS11-63B



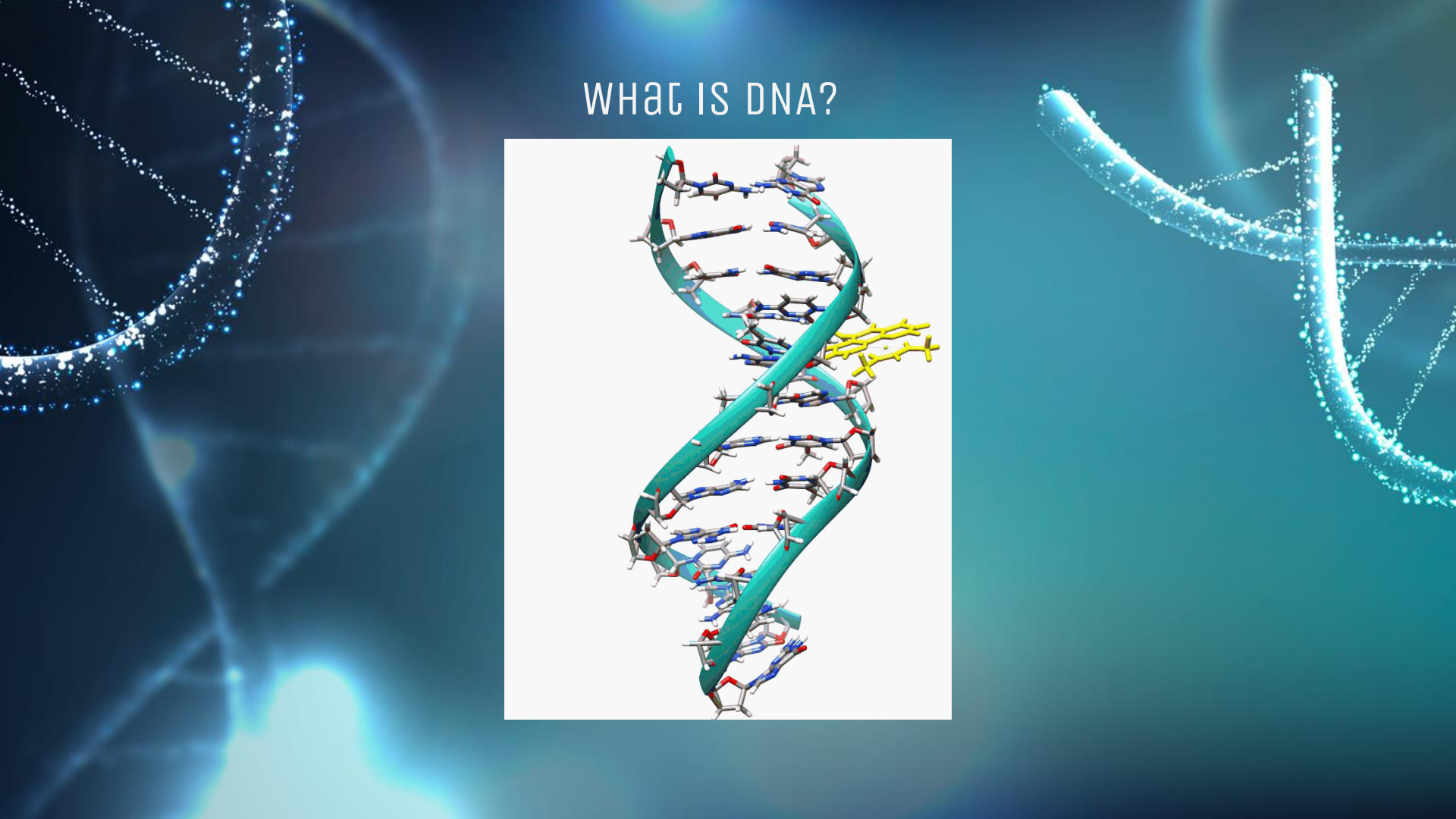
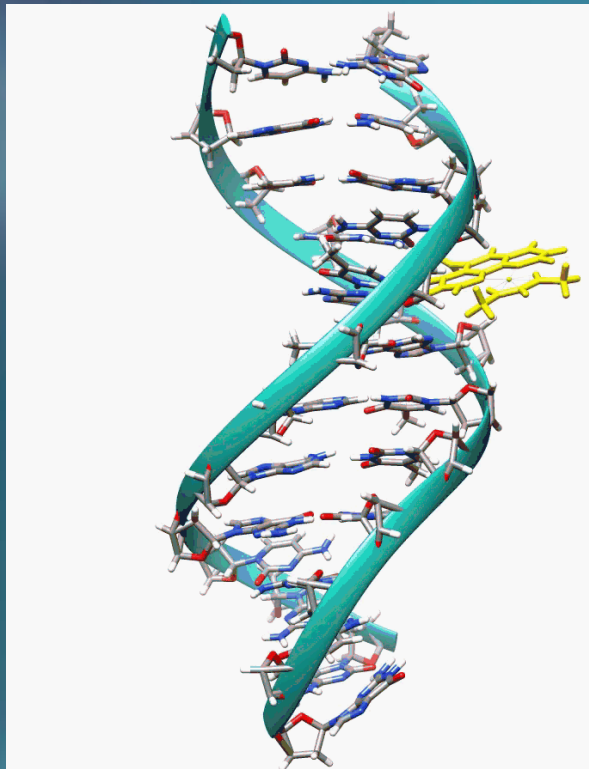
BIOInFormatics



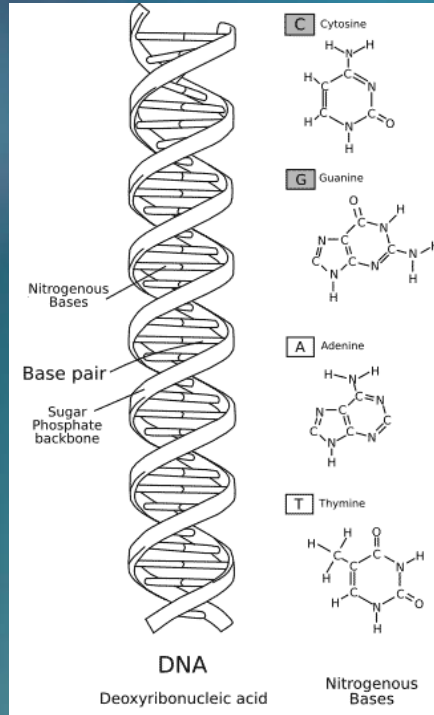
BIOInFormatics



WHAT IS DNA?



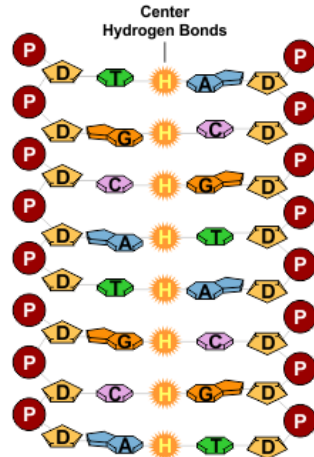
WHAT IS DNA?



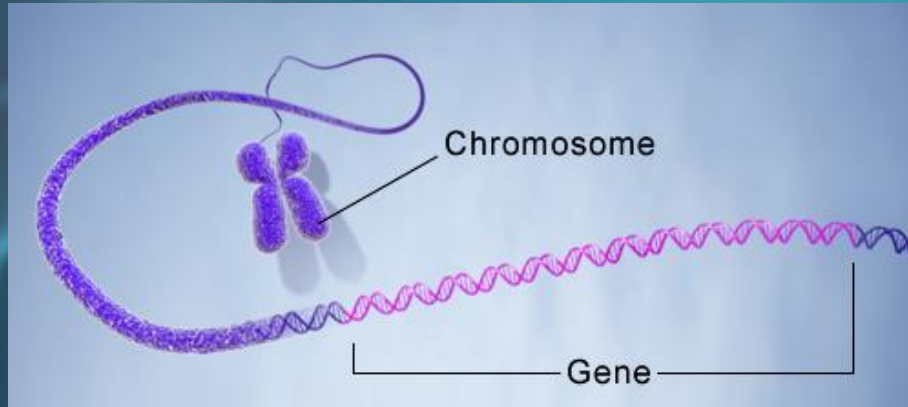
[illegible]

 A
 T

 C
 G



WHAT IS DNA?



[illegible]

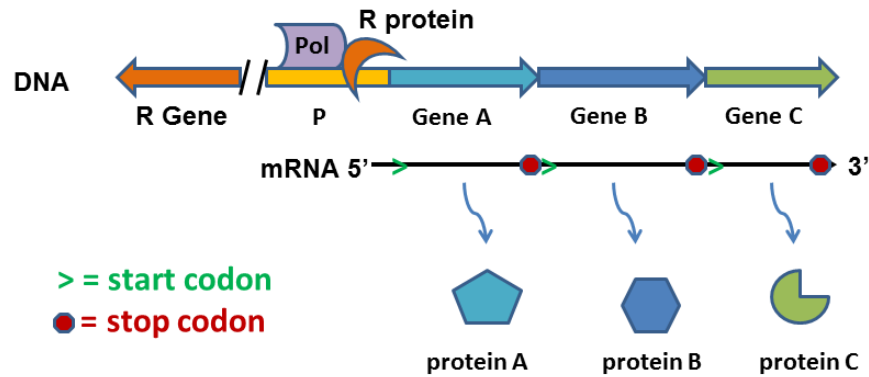
GGTCCACAGTTGAGCTGTGGTATTTTATGCATAGACTTATATATCCGCCTACTCAACCTTTACGCCCAATAATCCCG
GCTCCACAGTTGAGCTGTGGTATTTTATGCATAGACTTATATATCCGCCTACTCAACCTTTACGCCCAATAATCCCG
GTTCACAGTTGAGCTGTGGTATTTTATGCATAGACTTATATATCCGCCTACTCAACCTTTACGCCCAATAATCCCG
GTTCCACAGTTGAGCTGTGGTATTTTATGCATAGACTTATATATCCGCCTACTCAACCTTTACGCCCAATAATCCCG
GTTCACAGTTGAGCTGTGGTATTTTATGCATAGACTTATATATCCGCCTACTCAACCTTTACGCCCAATAATCCCG
GTTCCACAGTTGAGCTGTGGTATTTTATGCATAGACTTATATATCCGCCTACTCAACCTTTACGCCCAATAATCCCG
GTTCCACAGTTGAGCTGTGGTATTTTATGCATAGACTTATATATCCGCCTACTCAACCTTTACGCCCAATAATCCCG
GTTCACAGTTGAGCTGTGGTATTTTATGCATAGACTTGCATATCCGCCTACTCAACCTTTACGCCCAATAATCCCG
TTCCACAGTTGAGCTGTGGTATTTTACGCATAGACTTGCATATCCGCCTACTCAACCTTTACGCCCAATAATCCCG
GTTCACAGTTGAGCTGTGGTATTTTACGCATAGACTTGCATATCCGCCTACTCAACCTTTACGCCCAATAATCCCG
GTTCCACAGTTGAGCTGTGGTATTTTACCATAGACTTACATATCCGCCTACTCAACCTTTACGCCCAATGATCCCG
GTCCACAGTTGAGCTGTGGTATTTTACGCATAGACTTGCATATCCGCCTACTCAACCTTTACGCCCAATAATCCCG
GTTCACAGTTGAGCTGTGGTATTTTACGCATAGACTTACATATCCGCCTACTCAACCTTTACGCCCAATAATCCCG
GTTCCACAGTTGAGCTGTGGTATTTTACGCATAGACTTGCATATCCGCCTACTCAACCTTTACGCCCAATAATCCCG
GTTCCACAGTTGAGCTGTGGTATTTTACGCATAGACTTGCATATCCGCCTACTCAACCTTTACGCCCAATAATCCCG
GTTCACAGTTGAGCTGTGGTATTTTACGCATAGACTTGCATATCCGCCTACTCAACCTTTACGCCCAATAATCCCG
GTTCCACAGTTGAGCTGTGGTATTTTACGCATAGACTTGCATATCCGCCTACTCAACCTTTACGCCCAATAATCCCG



- Operons — arrays of co-expressed and coregulated genes



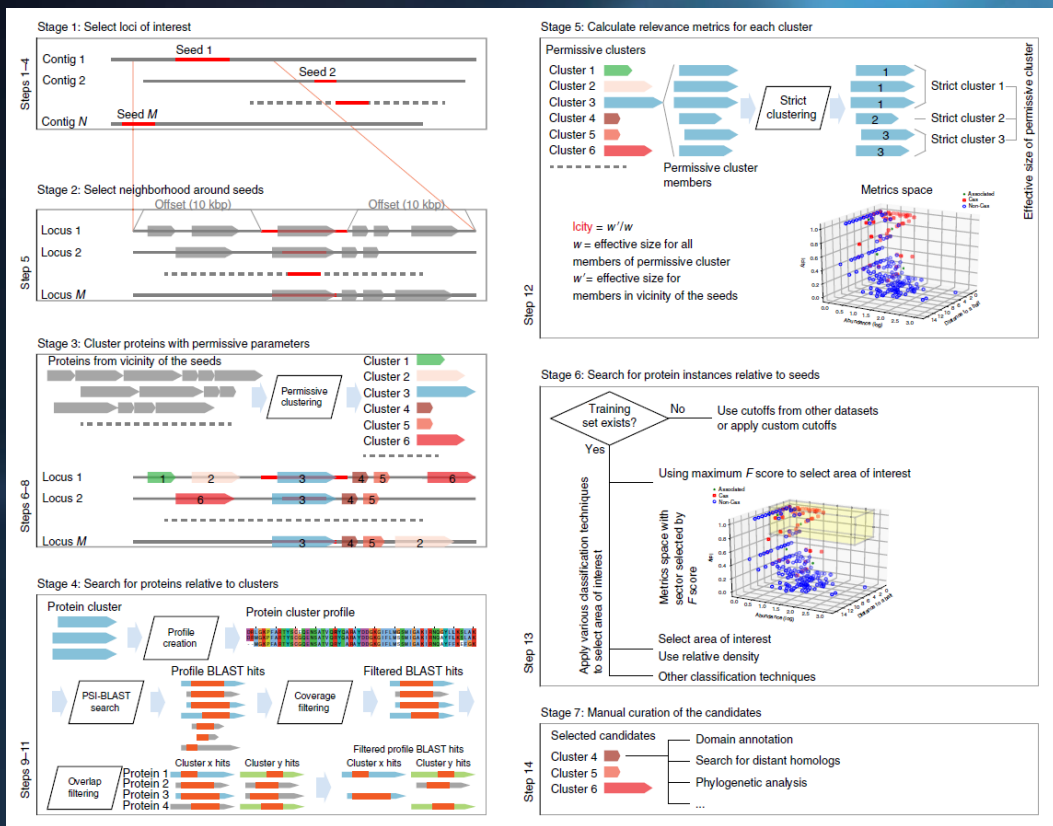
Operons



- Operons — arrays of co-expressed and coregulated genes
- ICITY — protocol to systematic prediction of functionally linked genes in bacterial and archaeal genomes



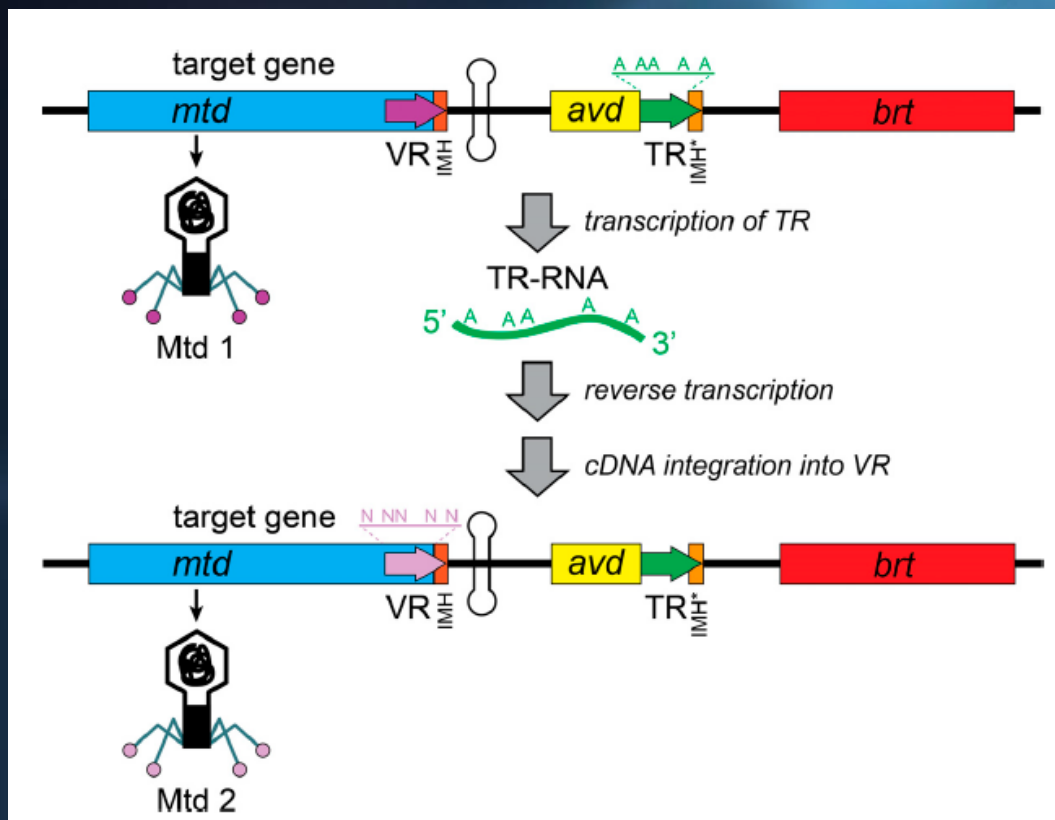
INTRODUCTION



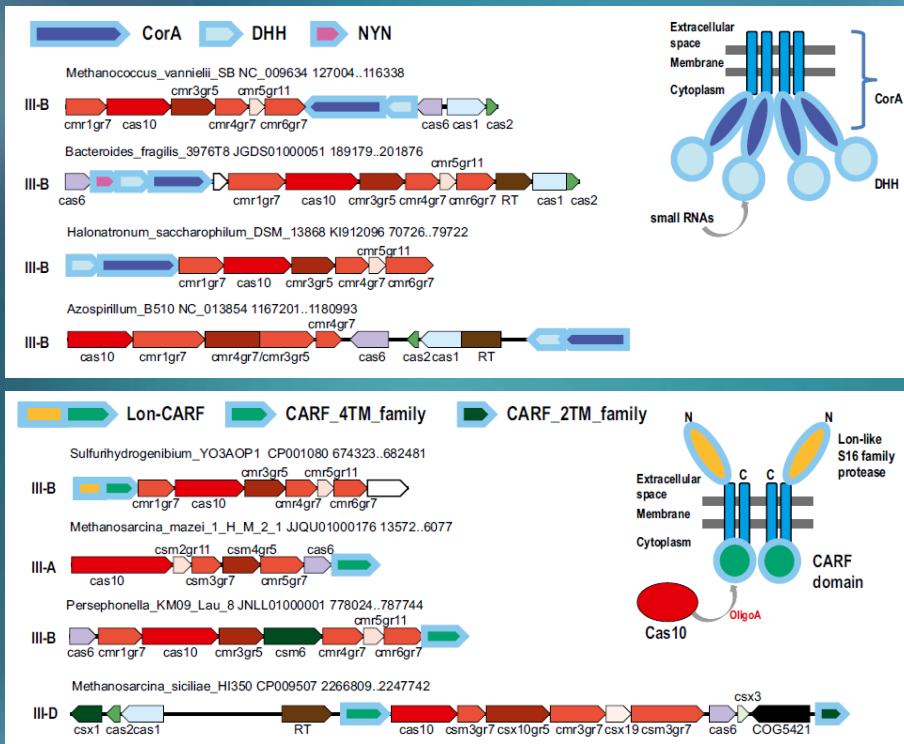
- Operons — arrays of co-expressed and coregulated genes
- ICITY — protocol to systematic prediction of functionally linked genes in bacterial and archaeal genomes
- DGR — recently discovered operons



INTRODUCTION



our results



our results

