

# **GENOMIKA PORÓWNAWCZA PIPELINE FILOGENETYCZNY**

Zuzanna Surowiec

# PLAN PREZENTACJI

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- Metody 02
- Wyniki 03

WSTEP

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*Review*

## Coronavirus Genomics and Bioinformatics Analysis

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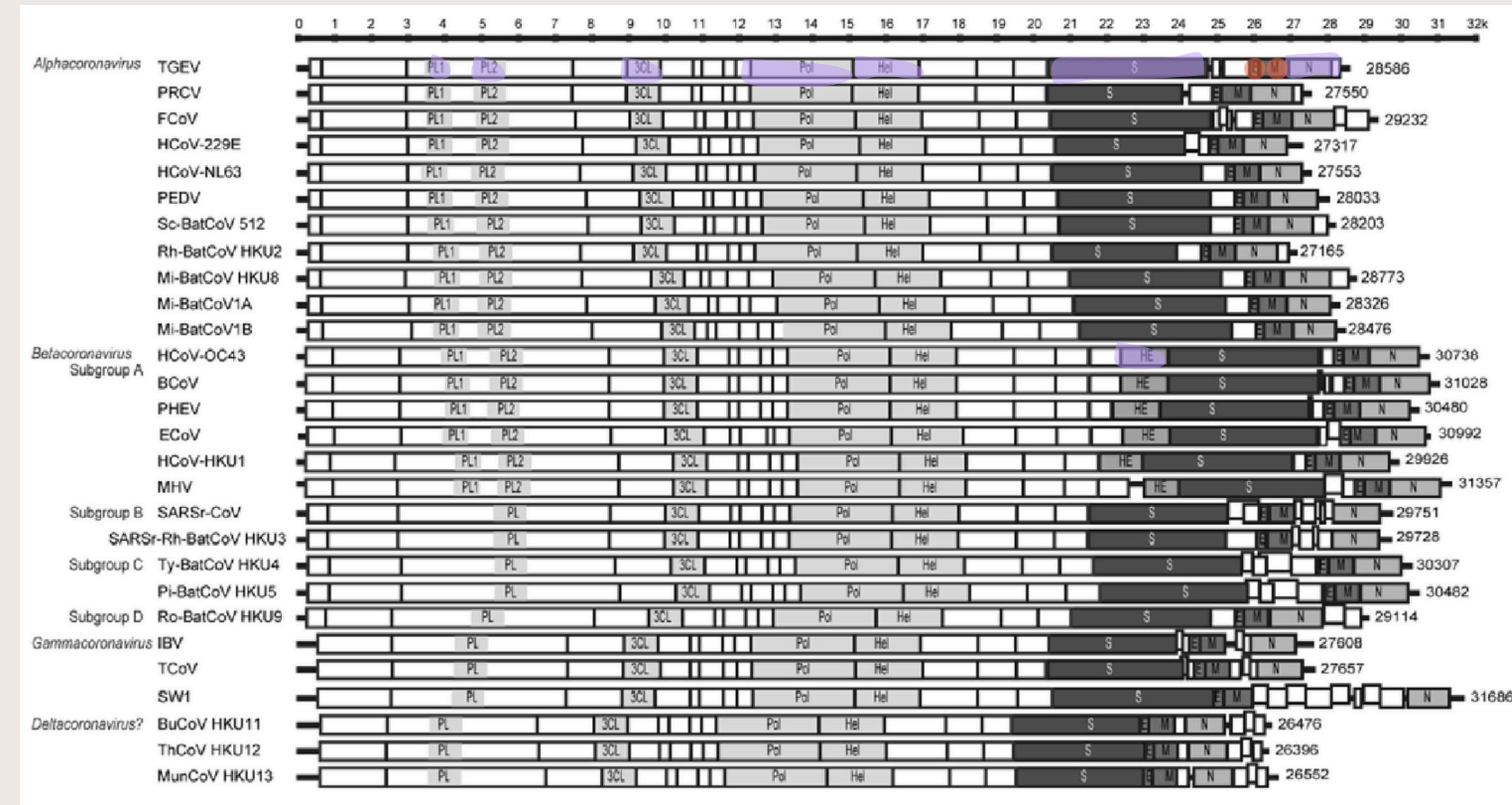
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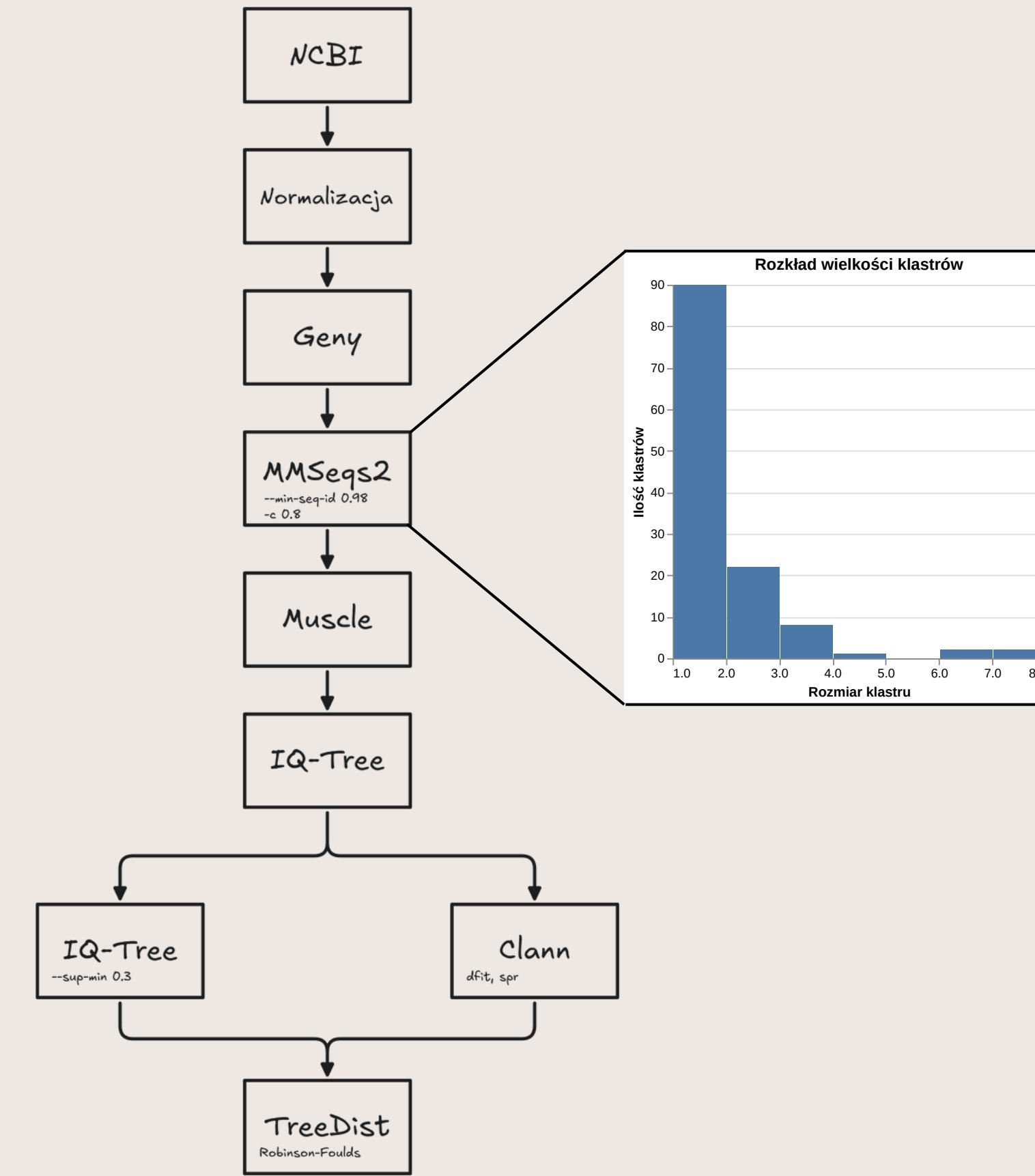
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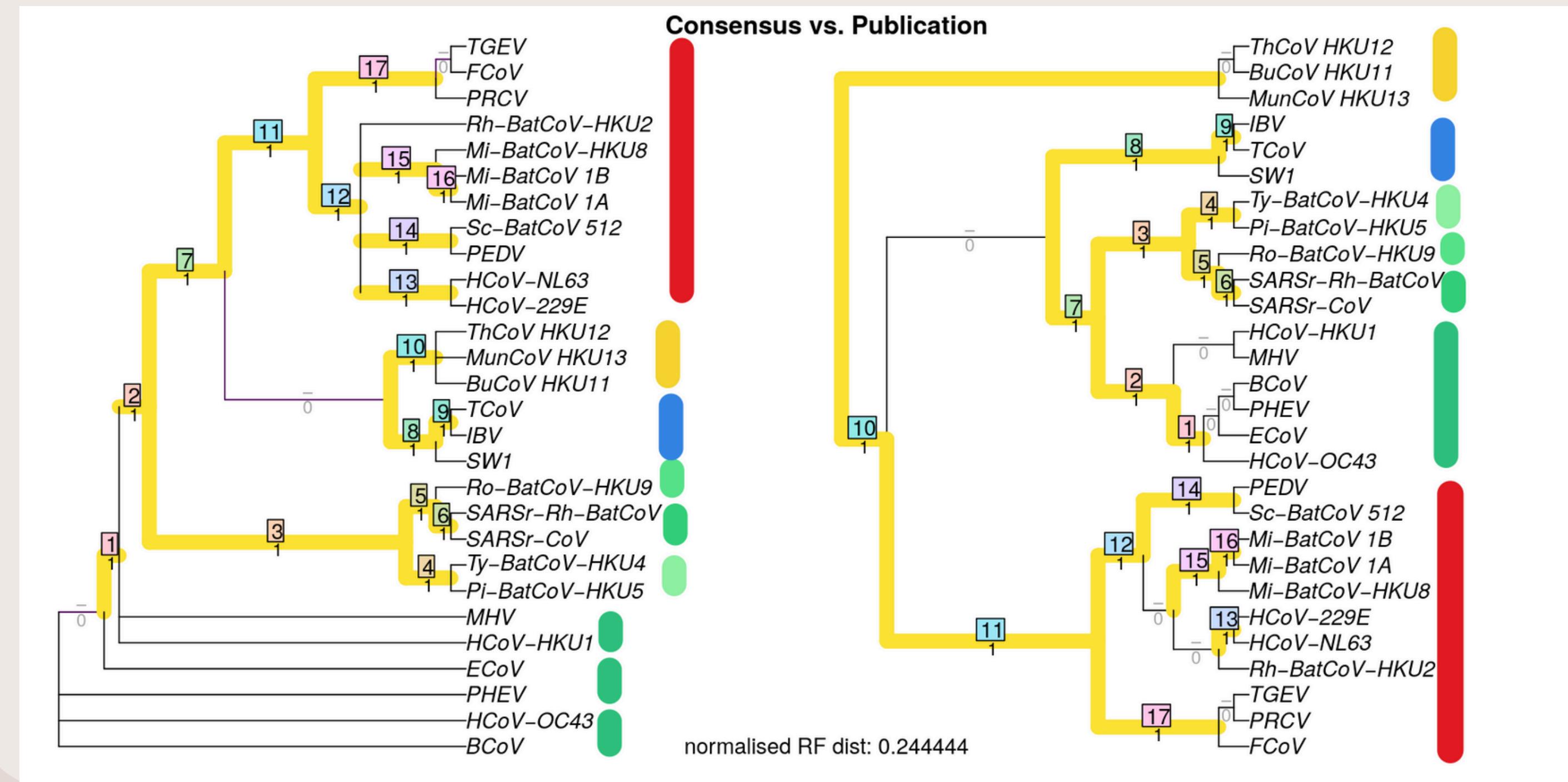
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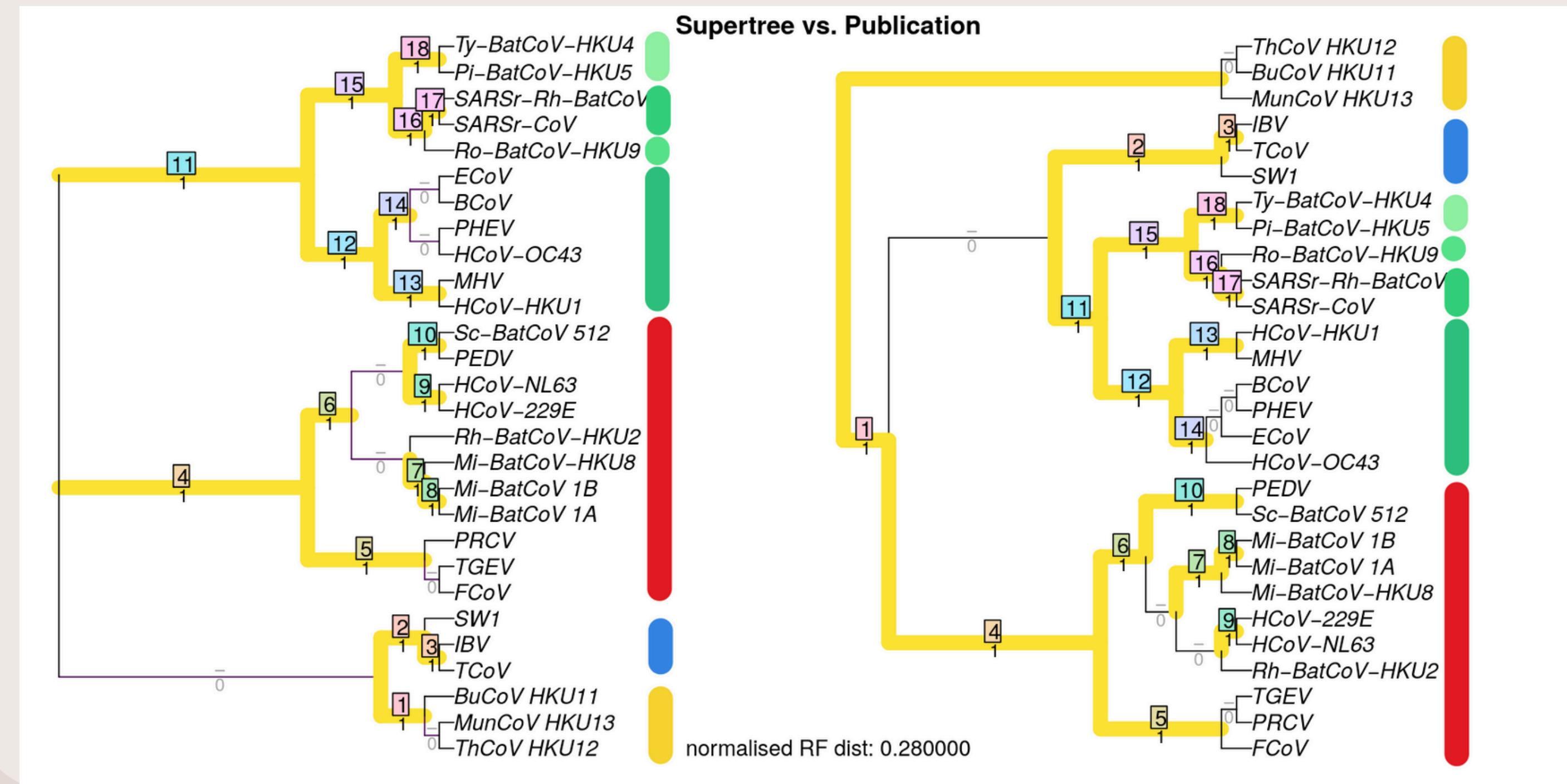
# METODY



# WYNIKI: KONSENSUS



# WYNIKI: SUPERDRZEW





# DZIĘKUJĘ ZA WYSŁUCHANIE

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1. Woo, P. C. Y., Huang, Y., Lau, S. K. P., & Yuén, K. Y. (2010). Coronavirus genomics and bioinformatics analysis. *Viruses*, 2(8), 1804–1820. <https://doi.org/10.3390/v2081803>
2. Oğuzoğlu, T. Ç., & Koç, B. T. (2025). Global Phylogenetic Analysis of the CDV Hemagglutinin Gene Reveals Positive Selection on Key Receptor-Binding Sites. *Viruses*, 17(9), 1149. <https://doi.org/10.3390/v17091149>