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## *Eulimnogammarus verrucosus genome*

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34<sup>th</sup> Herbstseminar  
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Bled

# Study objects

*Eulimnogammarus verrucosus* (Gerstf. 1858)



ca. 1 cm / 100 km



# Lake Baikal



# Lake Baikal



## Previous results & available data

- ▶ Lorena Rivarola-Duarte *et al.* A first glimpse at the genome of the Baikalian amphipod *Eulimnogammarus verrucosus*. *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution* 322.3 (2014): 177-189.

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- ▶ Transcriptome (Illumina) reads and assembly (C:89.2% [S:43.0%, D:46.2%], F:8.6%, M:2.2%, n:1066)



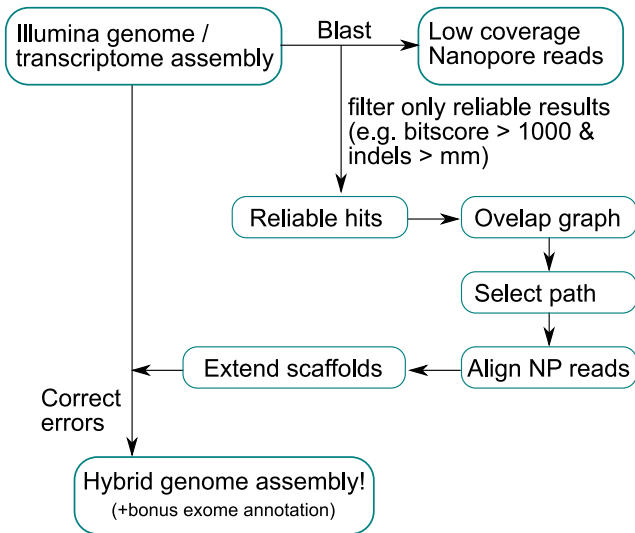
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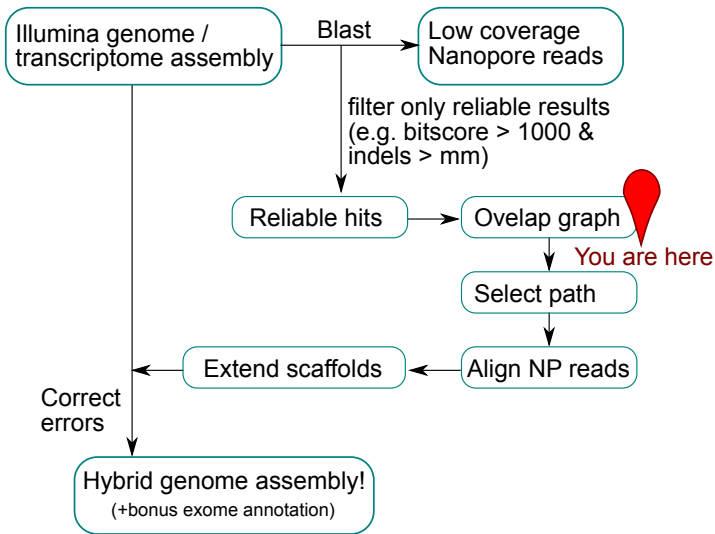
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- ▶ Genome size estimate:  $\approx 10$  Gb.

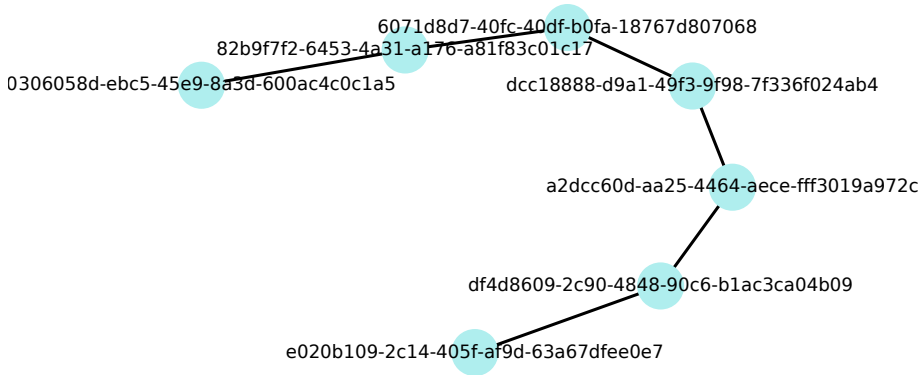
# Algorithm overview



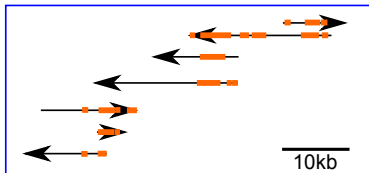
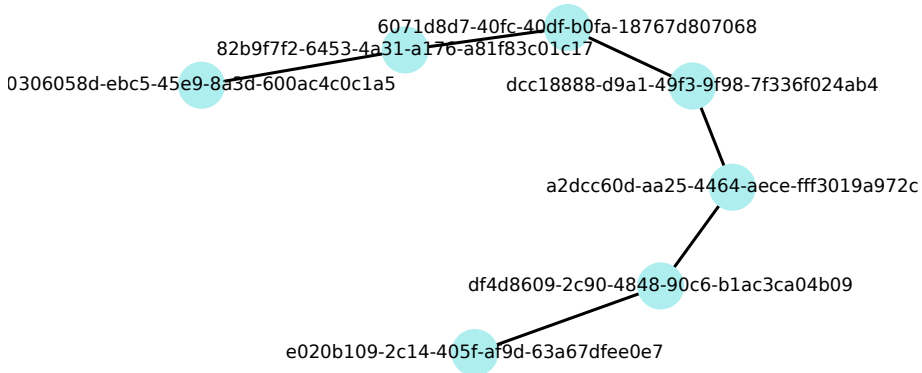
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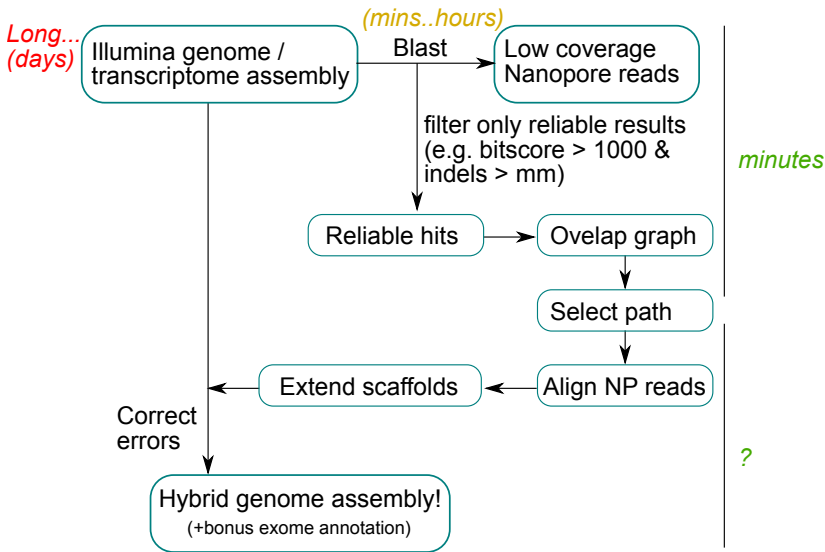
# First results



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# Algorithm overview



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Thank you for your attention!