

Supervisor's Report for the Master's Thesis of Eva Šochová Entitled:

Evolution and genomics of symbionts in Hippoboscidae

Master thesis of Eva Šochová presents nuts and bolts of what we know about genomics and evolution of symbiotic bacteria in bloodsucking flies from the Hippoboscidae family. Since Eva had managed to acquire and analyze a ton of data for two distinct projects, I have suggested her quite an unusual and challenging structure of the master thesis, *i.e.* to combine her results into two draft manuscripts and attach a short introduction. She has accepted the challenge and I think she did a great job. Both of the manuscripts still need a lot of work and polishing, but once fully finished, they will be definitely of general interest and pushing the field forward.

Nobody will take this report seriously if I keep repeating that the thesis is great. I do not have much else to say, though, but since there is always space for improvement, I would suggest Eva to keep working on her English and bioinformatics skills. In particular, I did not manage to make Eva to learn at least one scripting language which would be immensely helpful for some of her work. Also, the field of symbioses in bloodsucking insects is very quiet and with limited competition. I sometimes had an impression that Eva enjoys too much her niche carved out in this little corner of symbioses, so my last advice to her is – think big and don't be afraid to learn from other fields. In overall conclusion, I gladly recommend Eva's successful candidature to the examining committee.

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