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Oesophagostomum dentatum

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**Gender and developmental specific N-glycomes of the porcine parasite
*Oesophagostomum dentatum***

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Running title: N-glycomics of *Oesophagostomum*

Keywords: glycomics, mass spectrometry, HPLC, Nematoda, Strongylida

Highlights

- Differential release and HPLC separation of 100 N-glycans from a parasitic nematode
- MS/MS and digestions demonstrate a number of novel N-glycan structures
- Glycan processing increases between larval and adult stages
- Adult-specific methylation and core modifications vary between male and female worms

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