

Supplementary data

A flash drive with supplementary data is included in this thesis. It contains:

● Supplementary tables

- **Table_S1_Proteome_DEA_results.xlsx** – Differential expression analysis comparing the identified proteins (annotated) in our small EVs from the TVV- and TVV+ clones; Comparison with publicly available *T. vaginalis* proteomic data sets
- **Table_S2_GO_term_PSEA.xlsx** – Protein set enrichment analysis of identified proteins in the small EVs of the TVV- and TVV+ clones
- **Table_S3_immune_database_hits.xlsx** – The human immune related homologs of *T. vaginalis* proteins found in our small EV proteomic data set
- **Table_S4_RNA_DESeg.xlsx** – Number of mapped and annotated RNA reads; Differential expression analysis comparing the RNA in our small EVs from the TVV- and TVV+ clones
- **Table_S5_tRNA_fragments.xlsx** – Assignment of tRFs to their respective tRNA groups, together with the fragments' sequence
- **Table_S6_RNA_predicted_targets.xlsx** – The *in silico* predicted targets of the RNA fragments found in our small EV data set
- **Table_S7_PCR_primers.xlsx** – PCR primers

● Input files for all of the R script

● R scripts

- **TargetScan_miRanda.R** – Preparation of the inputs for the TargetScan and miRanda; Processing of the TargetScan and miRanda results
- **DEA_proteins.R** – Differential expression analysis of the small EV proteins; Plotting of the volcano plot of the small EV proteins; PCA of the small EV proteins
- **DESeg2.R** – Differential expression analysis of the small EV RNA; PCA of the small EV RNA content
- **DistRNA.R** – Plotting of the RNA distributions
- **Pfam.R** – Extraction of the RdRp domains identified via Pfam

- **Extraction.R** – Extraction of the tRF sequences; The comparison of tRF seeds with the miRBase database
- **ImmuneDB.R** – Combining of the InnateDB and ImmPort databases; Parsing of the hhblits results from the screen against the combined InnateDB and ImmPort database
- **Parsing.R** – Parsing of the results from PfamScan, hhblits, eggnoG mapper, TMHMM and TargetP
- **PSEA.R** – Protein set enrichment analysis of the proteins identified in the TVV+ and TVV- small EVs
- **Position.R** – Retrieving of the genome coordinates of the rRNA and tRNA from the *T. vaginalis* genome
- **RNA_coverage.R** – Plotting of the length distribution graphs, coverage graphs and pie chart showing tRF distribution
- **Venn.R** – Plotting of the Venn diagram comparing the publicly available *T. vaginalis* proteomic data sets