Human metagenomics protocols Payami lab

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We use this collection and it's working

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Haydeh Payami

ABSTRACT

This is a collection of protocols that details the entire process of conducting a human microbiome study from start to end. It includes (1) consent form, to enroll subjects with permission to store and share data (2) data collection protocols designed to be self-administered by subjects (Environmental & Family History Questionnaire, Gut Microbiome Questionnaire, instructions for saliva collection, and instructions for stool collection), (3) codes for bioinformatics and statistical data analysis, (4) workflow at a glance created according to STORM guidelines and (5) final product, the manuscript, which describes the whole process from start to end using metagenomics of Parkinson's disease implicates the gut microbiome in multiple disease mechanisms.

ATTACHMENTS

1. Informed Consent Form used for enrolling subjects into study. This consent allowis long-term storage of samples and sharing data.pdf
2a. Data collection protcocol _Environmnetal & Family History Questionnaire_Self adminsitered by subjects.pdf
2b. Data collection protcocol_Gut Microbiome Questionnaire_Self adminsitered by subjects (1).pdf
2c. Data collection protocol_Saliva Collection Instruction_Self adminsitered by subjects.pdf
2d. Data collection protcocol_Stool Collection Instruction _Self adminsitered by subjects.pdf
3a. Data analysis code_bioinformatics and statistics .pdf
3b. Data analysis code_bioinformatics and statistics.Rmd
4. Workflow at a glance_ STORM chart.pdf
5. Final product_describes the whole process from start to end_Nat Comm PMID 34408160 .pdf

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1. Informed Consent Form used for enrolling subjects into study. This consent allowis long-term storage of samples and sharing data.pdf

2a. Data collection protcocol_Environmental & Family History Questionnaire_Self adminsitered by subjects.pdf

2b. Data collection protcocol_Gut Microbiome Questionnaire_Self adminsitered by subjects (1).pdf

2c. Data collection protocol_Saliva Collection Instruction_Self adminsitered by subjects.pdf

2d. Data collection protcocol_Stool Collection Instruction_Self adminsitered by subjects.pdf

3a. Data analysis code_bioinformatics and statistics .pdf

3b. Data analysis code_bioinformatics and statistics.Rmd

4. Workflow at a glance_STORM chart.pdf

5. Final product_describes the whole process from start to end_Nat Comm PMID 34408160 .pdf

FILES

Protocol

NAME
1. CONSENT FORM

VERSION 1

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OPEN →

Protocol

NAME
2. Data collection protocols

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Protocol

NAME

3. Codes for bioinformatics and statistical data analysis

VERSION 1

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Protocol

NAME

4. Workflow at a glance_ STORM chart

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Protocol

NAME

5. Metagenomics of Parkinson’s disease implicates the gut microbiome in multiple disease mechanisms

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