Resource Summary Report

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speciateIT

RRID:SCR_014615
Type: Tool

Proper Citation

speciateIT (RRID:SCR_014615)

Resource Information

URL: https://sourceforge.net/projects/speciateit/

Proper Citation: speciateIT (RRID:SCR_014615)

Description: A software package for speciation of 16S sequence data.

Resource Type: sequence analysis software, data analysis software, software application, software resource, data processing software

Keywords: microbiome, 16s, 16s sequence, speciation

Funding:

Availability: Available for download

Resource Name: speciateIT

Resource ID: SCR_014615

Record Creation Time: 20220129T080321+0000

Record Last Update: 20250419T055422+0000

Ratings and Alerts

No rating or validation information has been found for speciateIT.

No alerts have been found for speciateIT.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 27 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Holm JB, et al. (2024) SpeciateIT and vSpeciateDB: Novel, fast and accurate per sequence 16S rRNA gene taxonomic classification of vaginal microbiota. bioRxiv : the preprint server for biology.

Robbins SJ, et al. (2024) Uterine fibroids and longitudinal profiles of the vaginal microbiota in a cohort presenting for transvaginal ultrasound. PloS one, 19(2), e0296346.

Nishio E, et al. (2024) Metabolomic and microbiome analysis of cervicovaginal mucus in in vitro fertilization-embryo transfer: Toward predicting pregnancy success. Reproductive medicine and biology, 23(1), e12568.

Tuddenham S, et al. (2023) Lactobacillus-dominance and rapid stabilization of vaginal microbiota in combined oral contraceptive pill users examined through a longitudinal cohort study with frequent vaginal sampling over two years. EBioMedicine, 87, 104407.

Tsamir-Rimon M, et al. (2023) A manifold-based framework for studying the dynamics of the vaginal microbiome. NPJ biofilms and microbiomes, 9(1), 102.

Haddad LB, et al. (2023) Influence of Hormonal Contraceptive Use and HIV on Cervicovaginal Cytokines and Microbiota in Malawi. mSphere, 8(1), e0058522.

Tsamir-Rimon M, et al. (2023) A Manifold-Based Framework for Studying the Dynamics of the Vaginal Microbiome. bioRxiv : the preprint server for biology.

Sakabe Y, et al. (2022) Longitudinal study of the vaginal microbiome in pregnancies involving preterm labor. Fujita medical journal, 8(3), 96.

Mazibuko-Motau N, et al. (2022) Vaginal microbial shifts are unaffected by oral pre-exposure prophylaxis in South African women. Scientific reports, 12(1), 16187.

Kawahara R, et al. (2021) Changes to the cervicovaginal microbiota and cervical cytokine profile following surgery for cervical intraepithelial neoplasia. Scientific reports, 11(1), 2156.

Mtshali A, et al. (2021) Temporal Changes in Vaginal Microbiota and Genital Tract Cytokines Among South African Women Treated for Bacterial Vaginosis. Frontiers in immunology, 12, 730986.

Jašarevi? E, et al. (2021) The composition of human vaginal microbiota transferred at birth

affects offspring health in a mouse model. Nature communications, 12(1), 6289.

Merenstein D, et al. (2021) Bifidobacterium animalis subsp. lactis BB-12 Protects against Antibiotic-Induced Functional and Compositional Changes in Human Fecal Microbiome. Nutrients, 13(8).

Tamarelle J, et al. (2020) Nonoptimal Vaginal Microbiota After Azithromycin Treatment for Chlamydia trachomatis Infection. The Journal of infectious diseases, 221(4), 627.

Koirala R, et al. (2020) Effect of oral consumption of capsules containing Lactobacillus paracasei LPC-S01 on the vaginal microbiota of healthy adult women: a randomized, placebo-controlled, double-blind crossover study. FEMS microbiology ecology, 96(6).

France MT, et al. (2020) VALENCIA: a nearest centroid classification method for vaginal microbial communities based on composition. Microbiome, 8(1), 166.

Borgogna JC, et al. (2020) The association of Chlamydia trachomatis and Mycoplasma genitalium infection with the vaginal metabolome. Scientific reports, 10(1), 3420.

Tuddenham S, et al. (2019) Associations between dietary micronutrient intake and molecular-Bacterial Vaginosis. Reproductive health, 16(1), 151.

Thurman AR, et al. (2019) Vaginal microbiota and mucosal pharmacokinetics of tenofovir in healthy women using tenofovir and tenofovir/levonorgestrel vaginal rings. PloS one, 14(5), e0217229.

Holm JB, et al. (2019) Ultrahigh-Throughput Multiplexing and Sequencing of >500-Base-Pair Amplicon Regions on the Illumina HiSeq 2500 Platform. mSystems, 4(1).