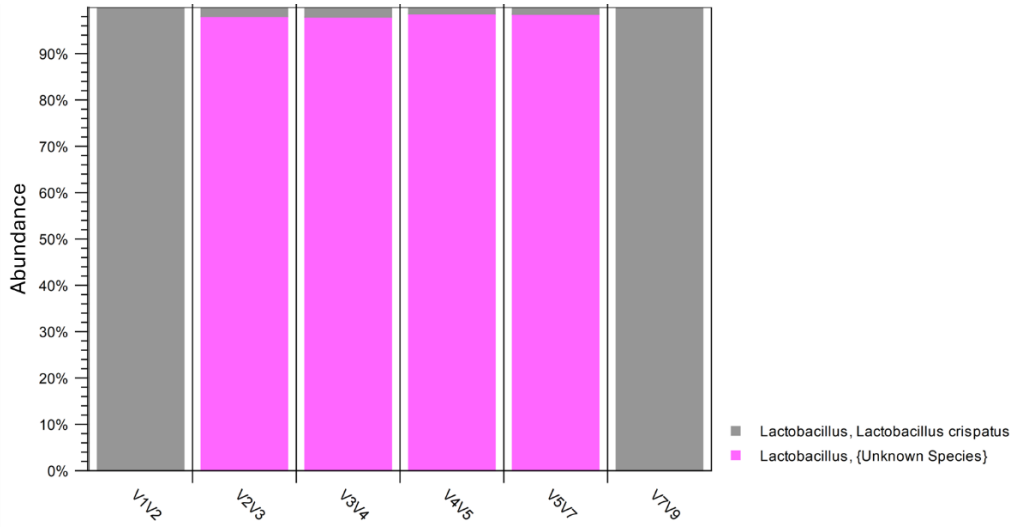
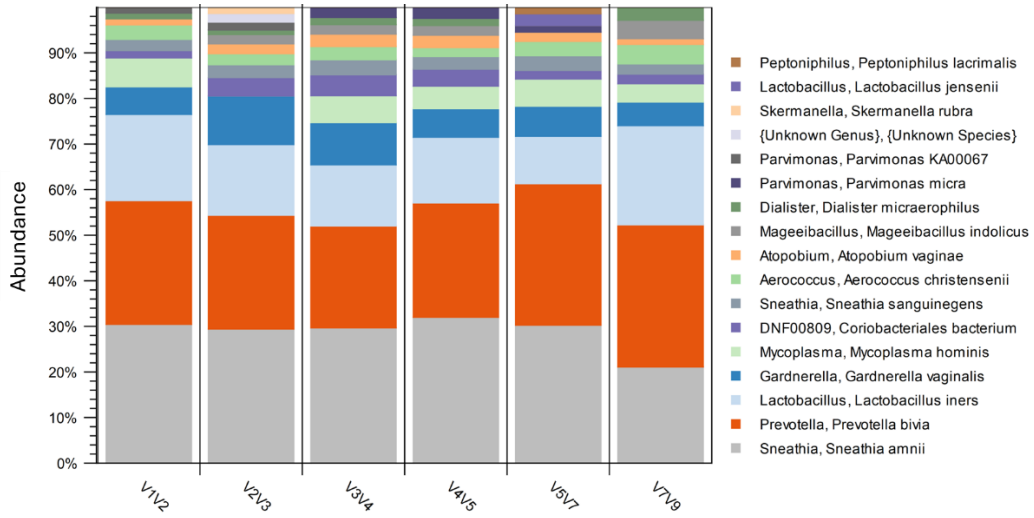
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Sample ID:
30856-001
NILM
HPV-NEG



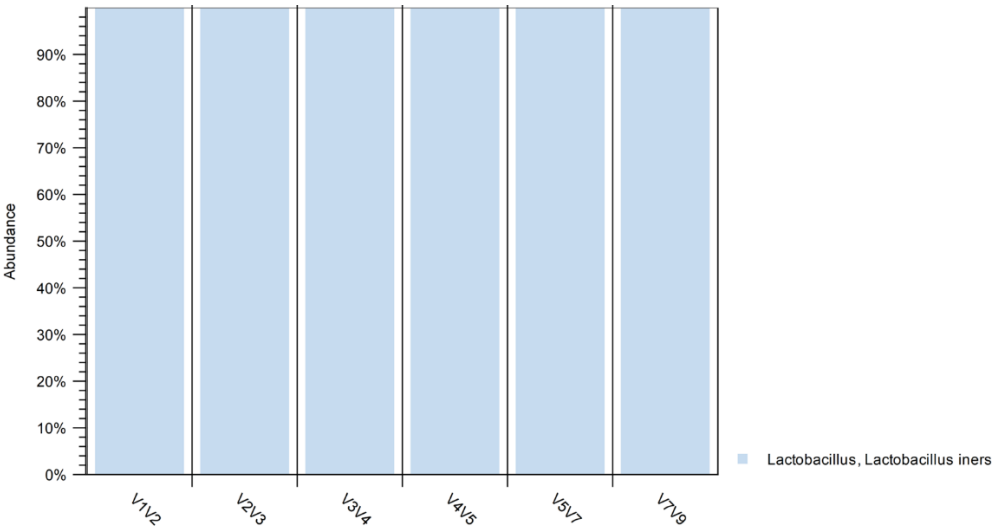
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Sample ID:
30856-002
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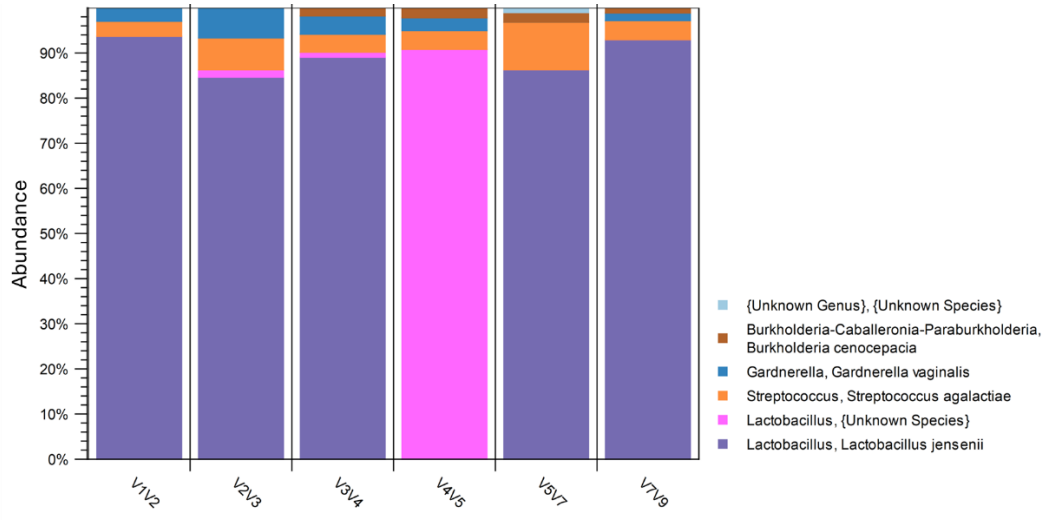
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Sample ID:
30856-003
NILM
HPV-NEG



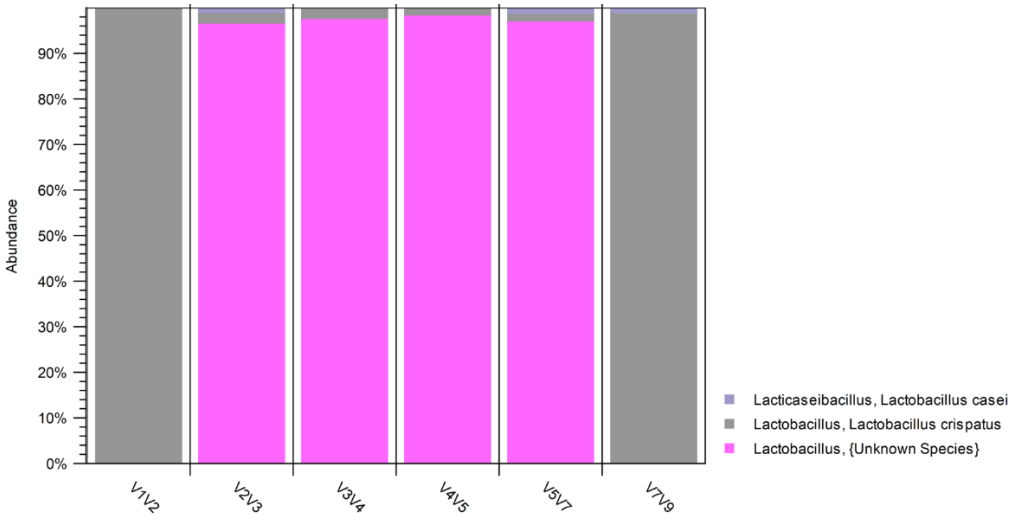
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Sample ID:
30856-004
NILM
HPV-NEG



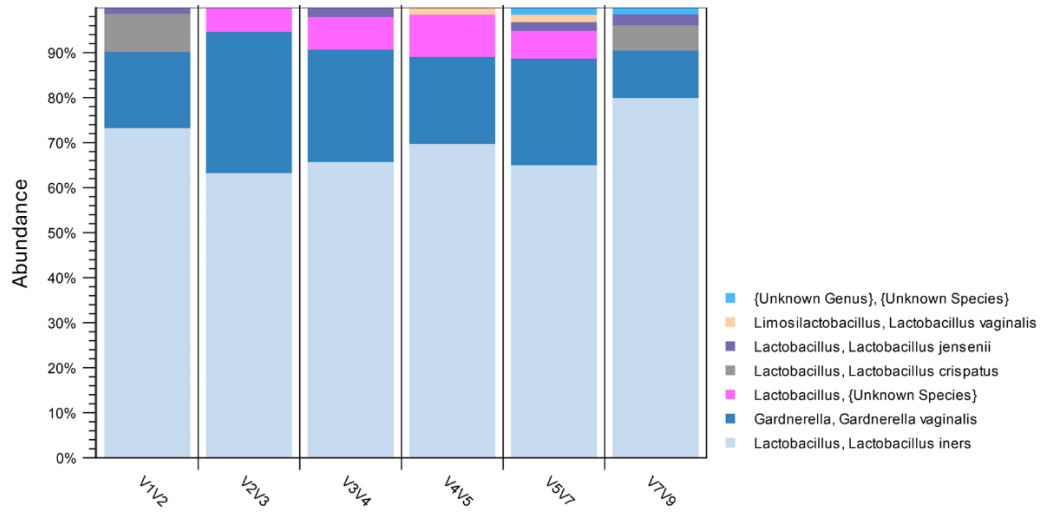
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Sample ID:
30856-005
NILM
HPV-NEG



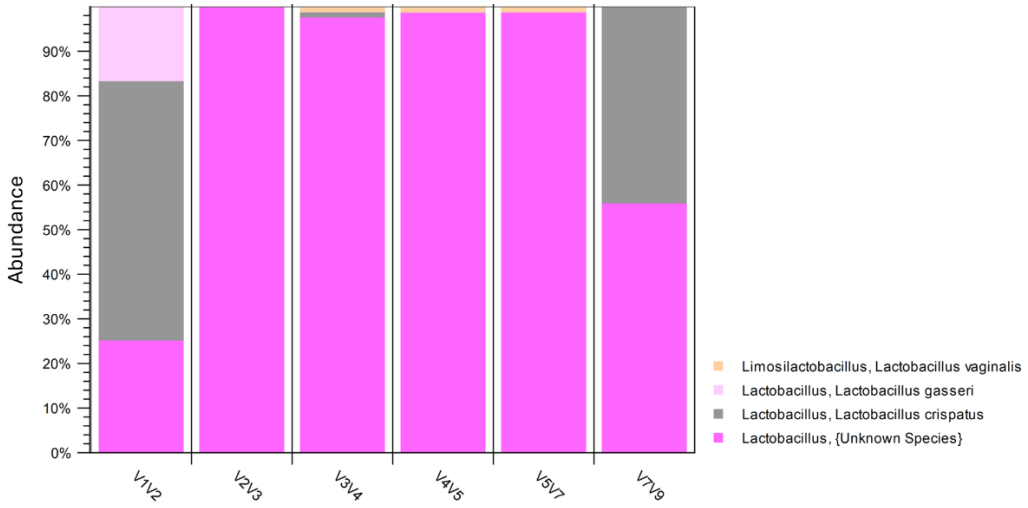
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Sample ID:
30856-006
NILM
HPV-NEG



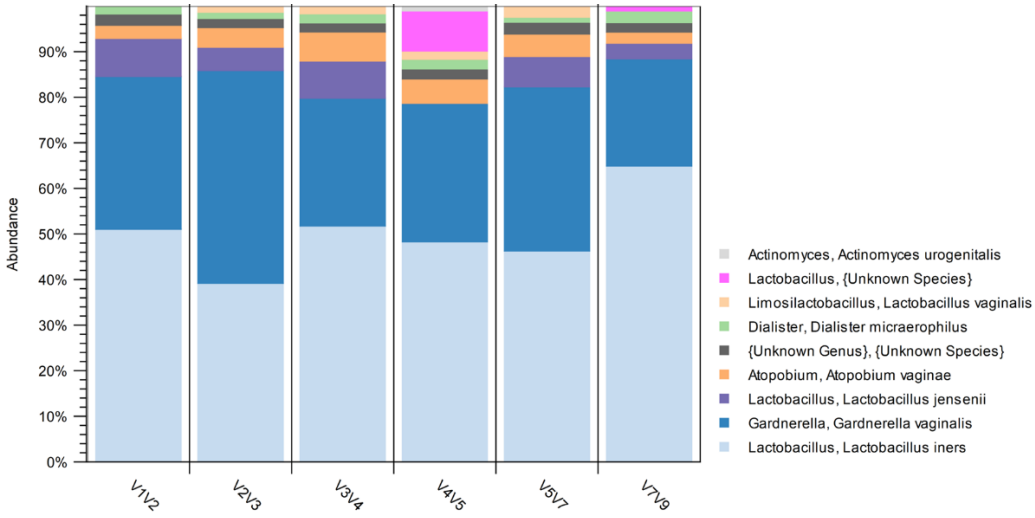
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Sample ID:
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HPV-NEG



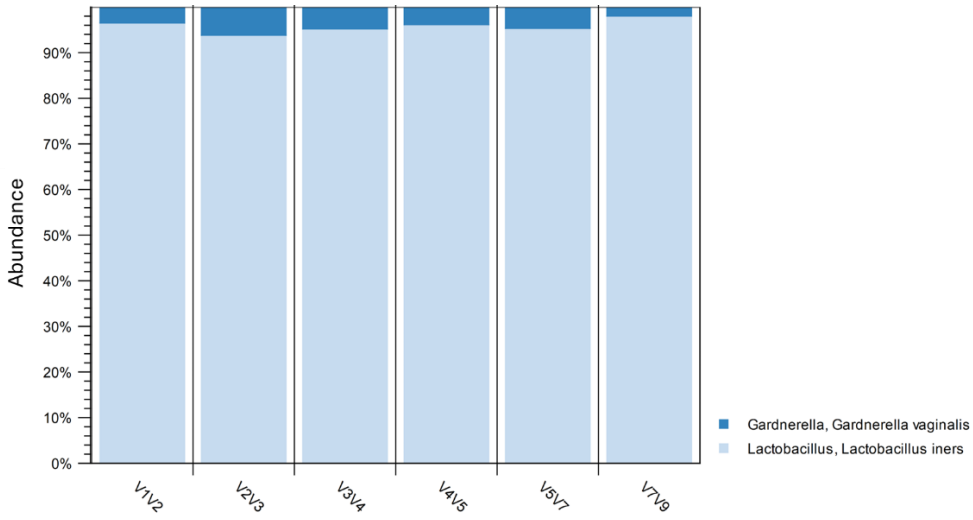
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Sample ID:
30856-008
NILM
HPV-NEG



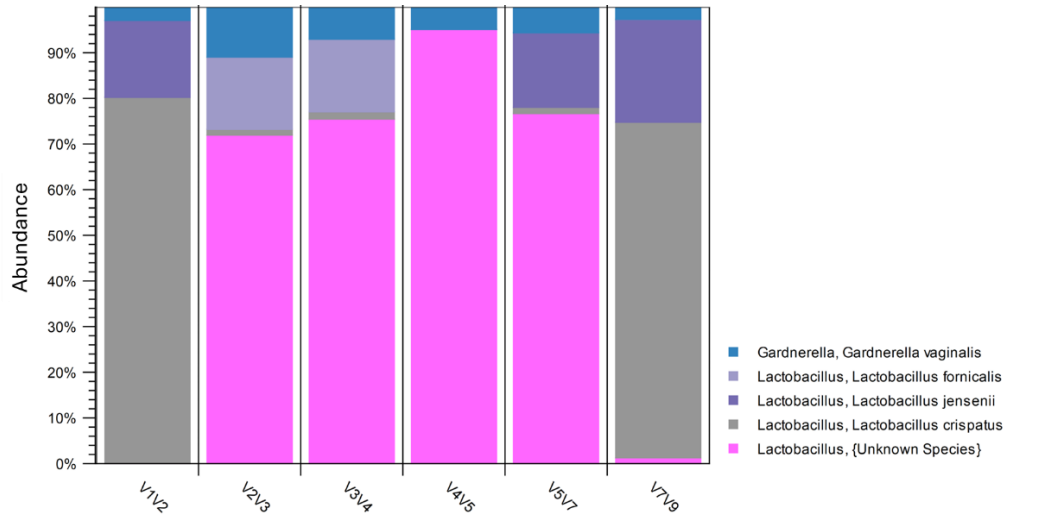
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Sample ID:
30856-009
NILM
HPV-NEG



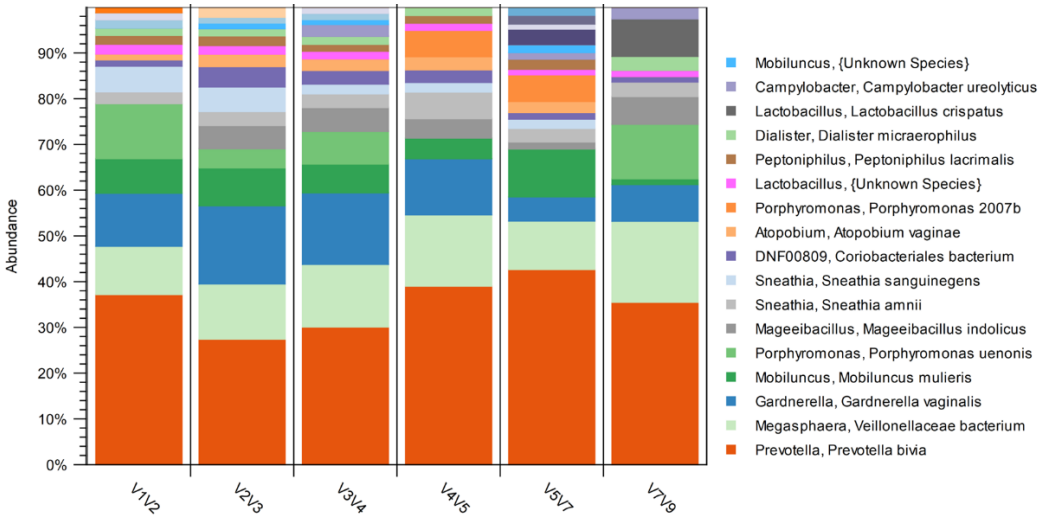
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Sample ID:
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HPV-NEG



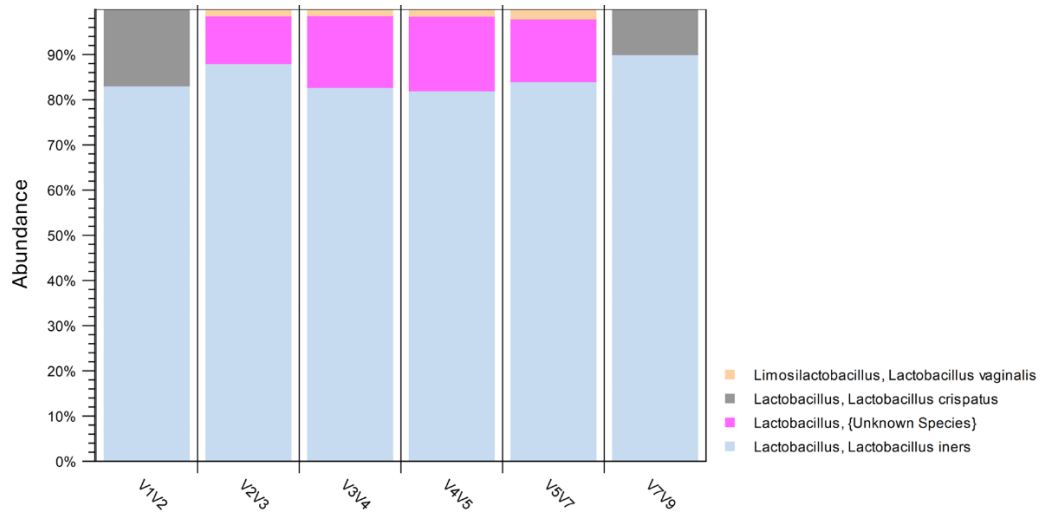
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Sample ID:
30856-011
NILM
HPV-NEG



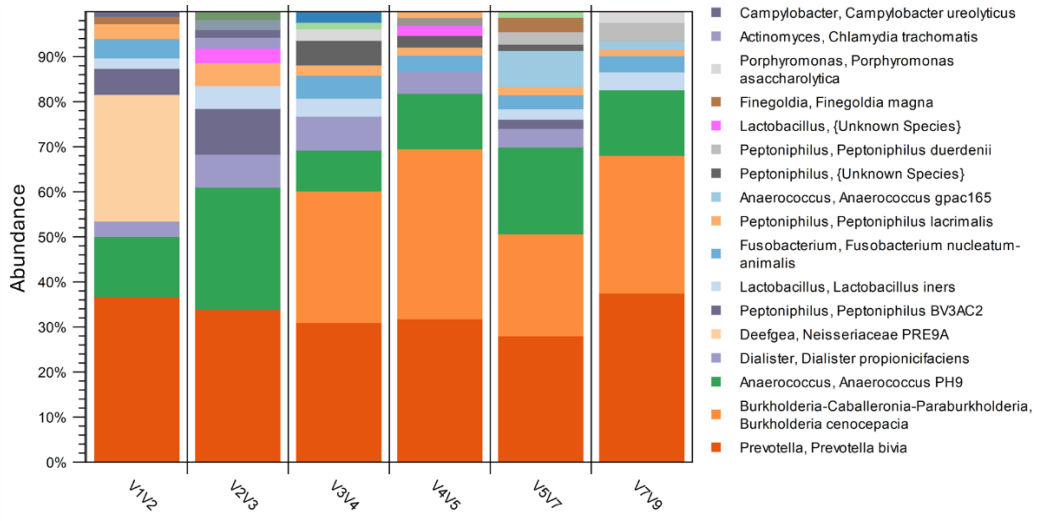
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Sample ID:
30856-012
NILM
HPV-NEG



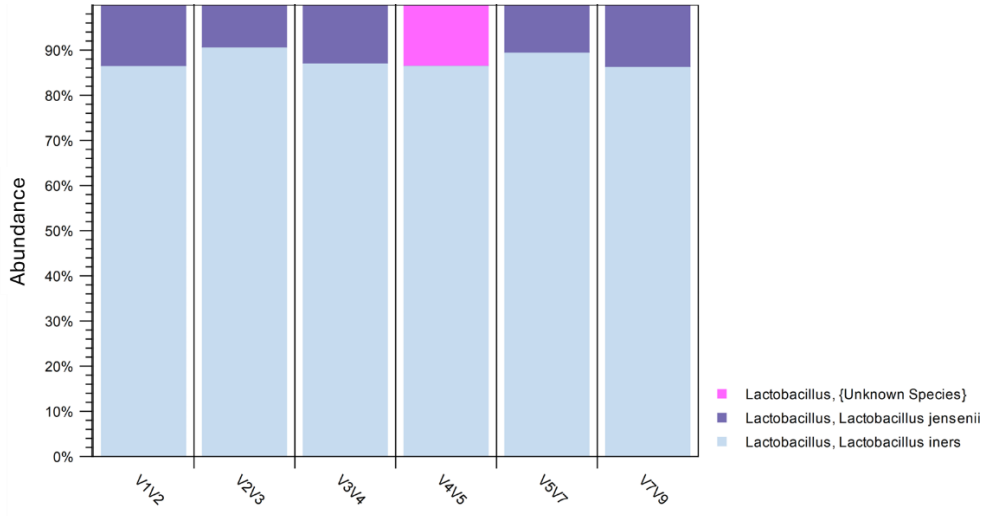
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Sample ID:
30856-013
ASCUS
HPV-NEG



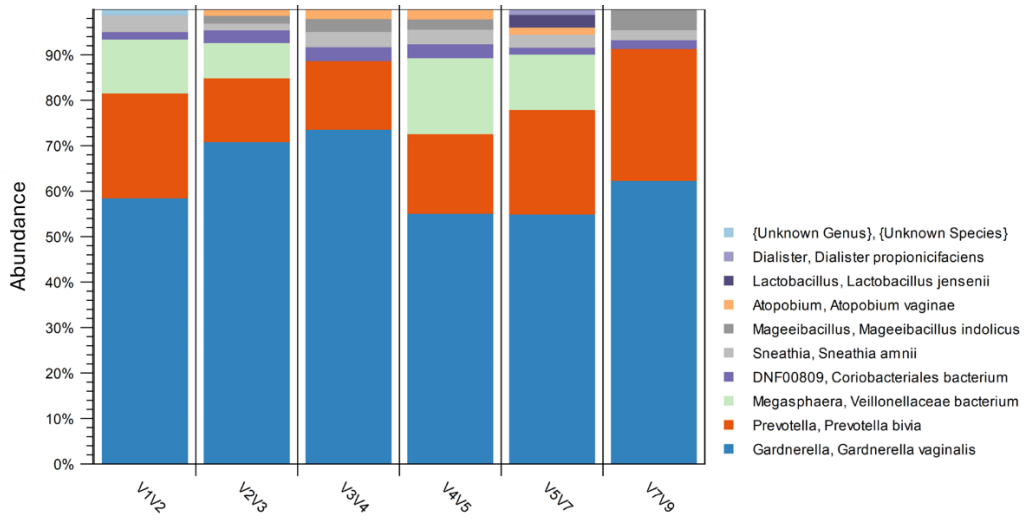
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Sample ID:
30856-014
ASCUS
HPV-NEG



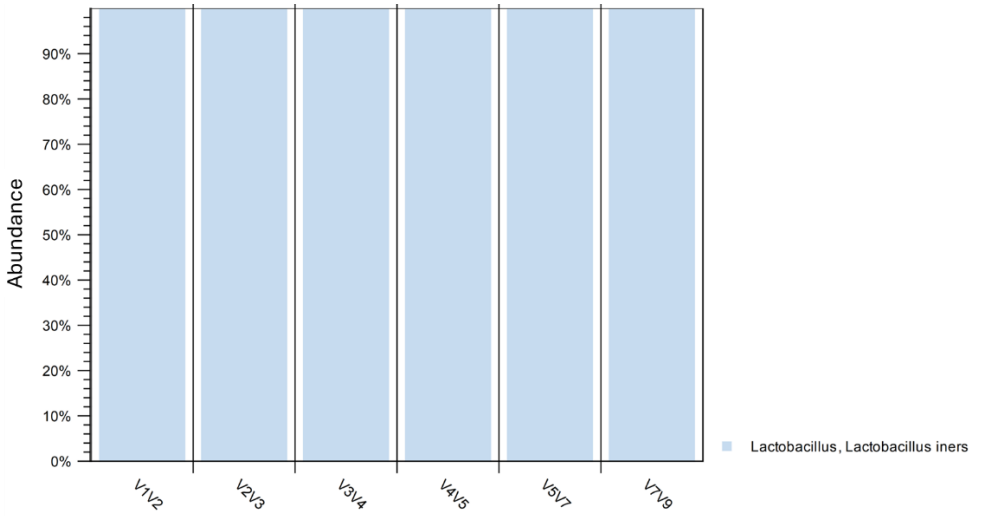
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Sample ID:
30856-015
ASCUS
HPV-NEG



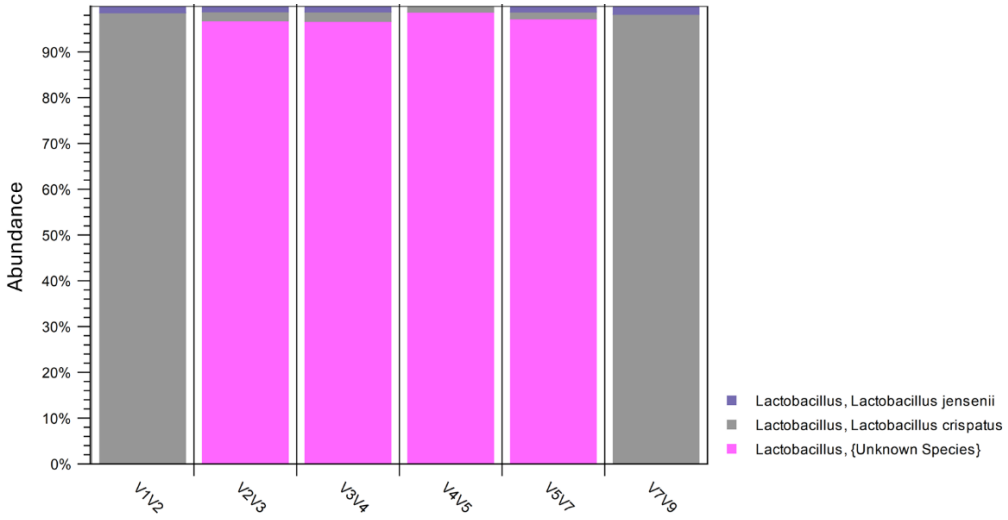
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Sample ID:
30856-016
ASCUS
HPV-NEG



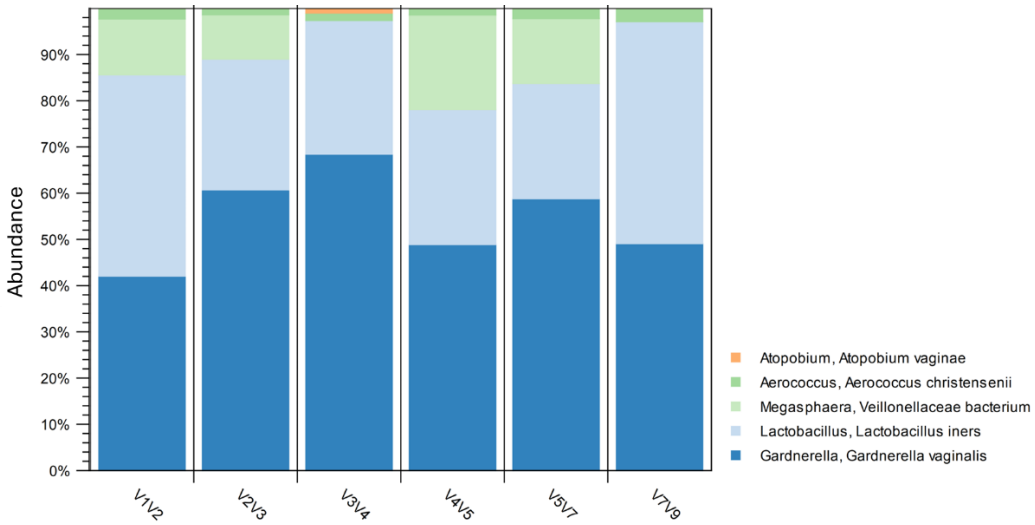
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Sample ID:
30856-017
ASCUS
HPV-NEG



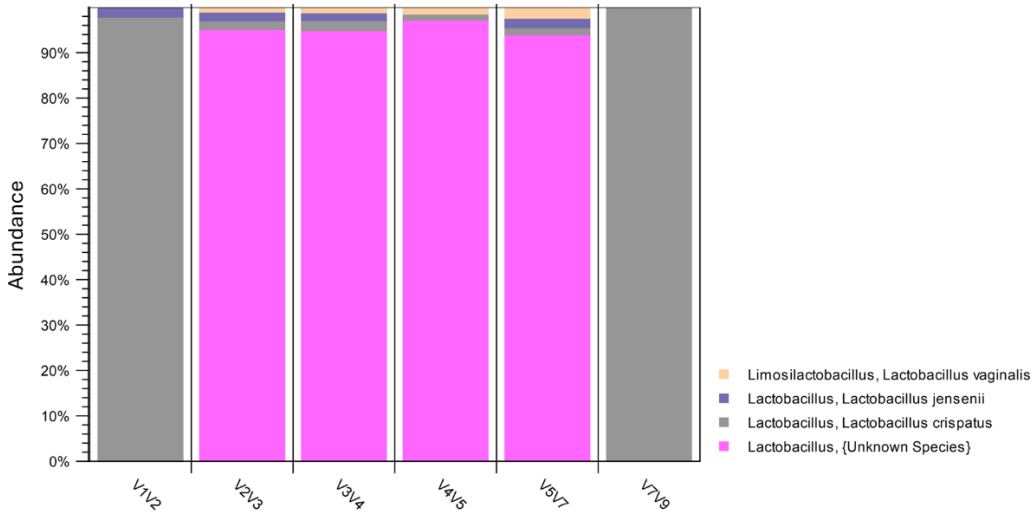
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Sample ID:
30856-018
ASCUS
HPV-NEG



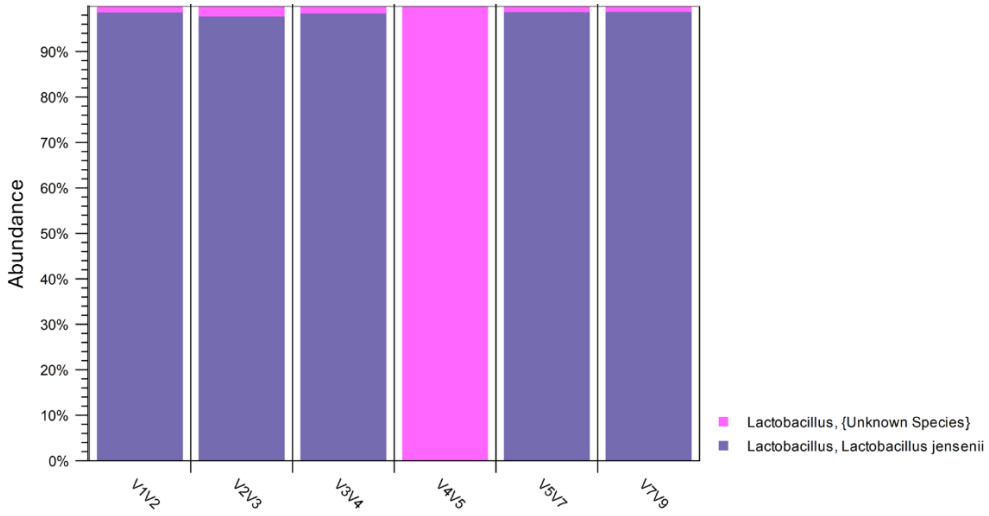
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Sample ID:
30856-019
ASCUS
HPV-NEG



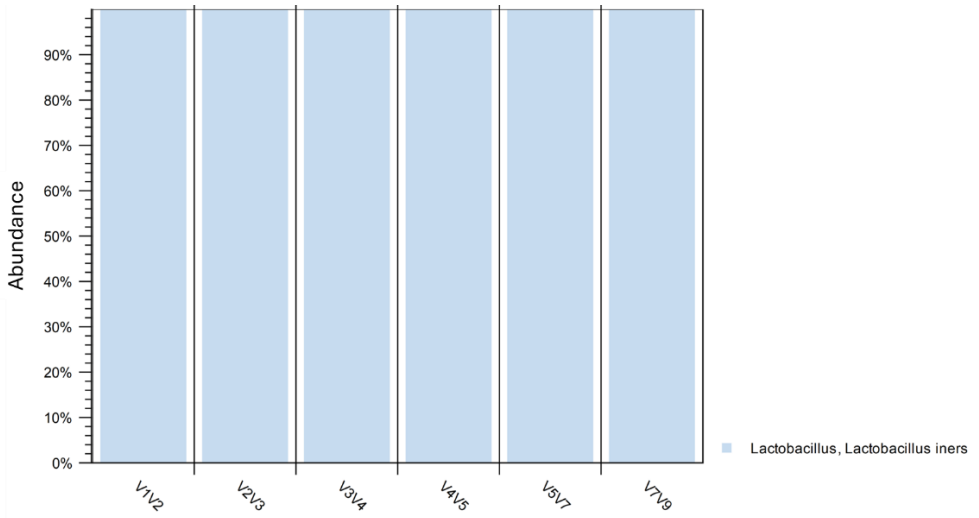
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Sample ID:
30856-020
ASCUS
HPV-NEG



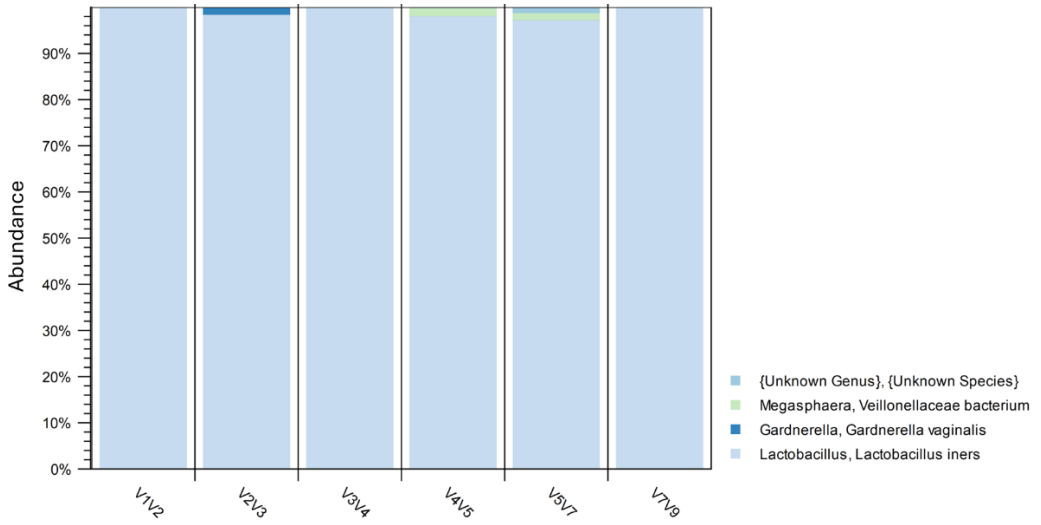
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Sample ID:
30856-021
ASCUS
HPV-NEG



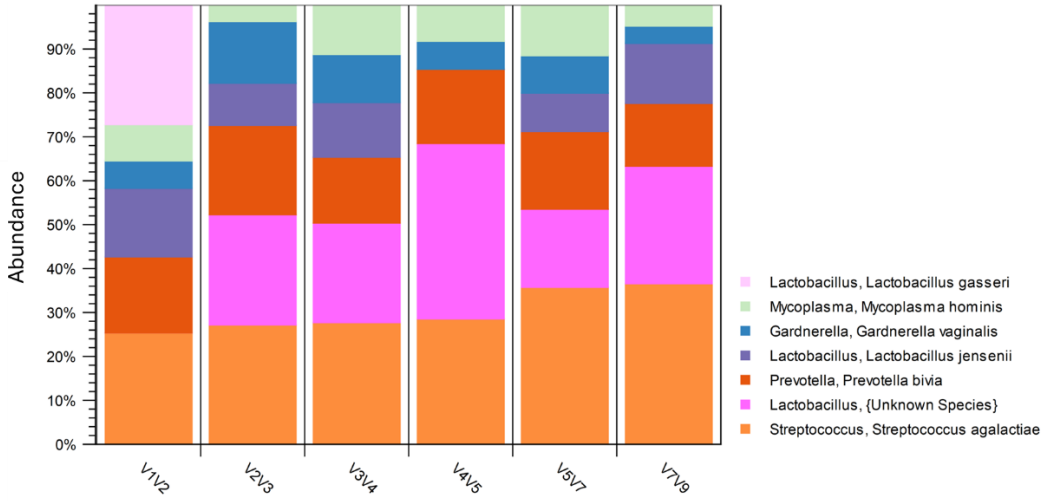
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Sample ID:
30856-022
ASCUS
HPV-NEG



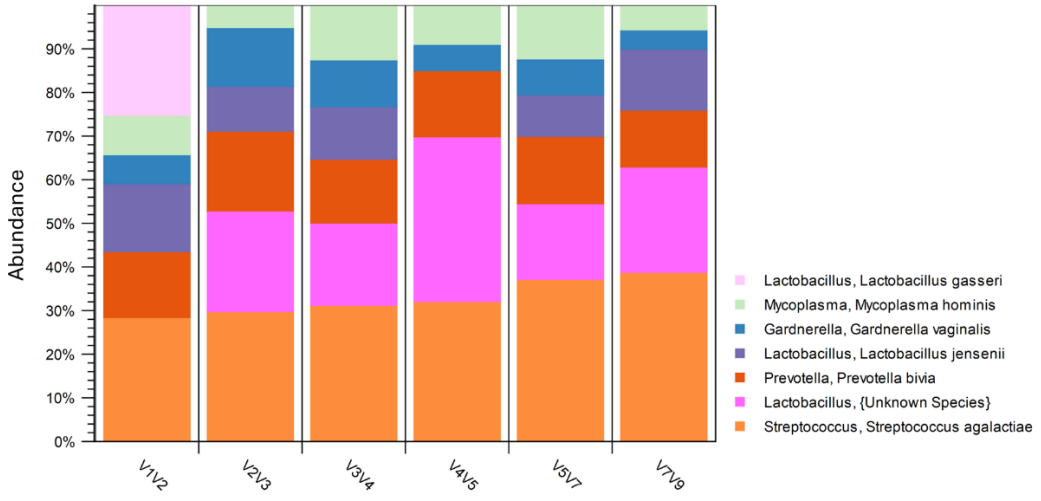
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Sample ID:
30856-023
ATCC STD



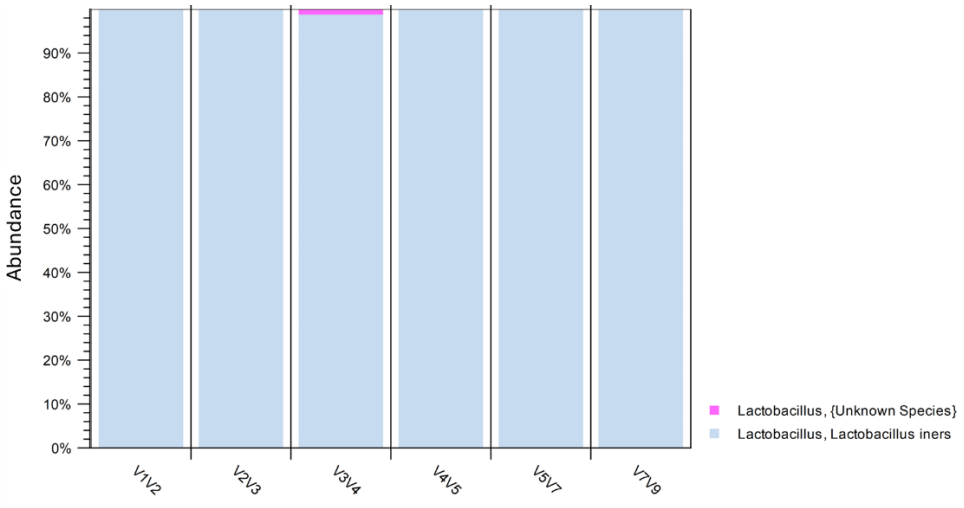
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Sample ID:
30856-024
ATCC STD



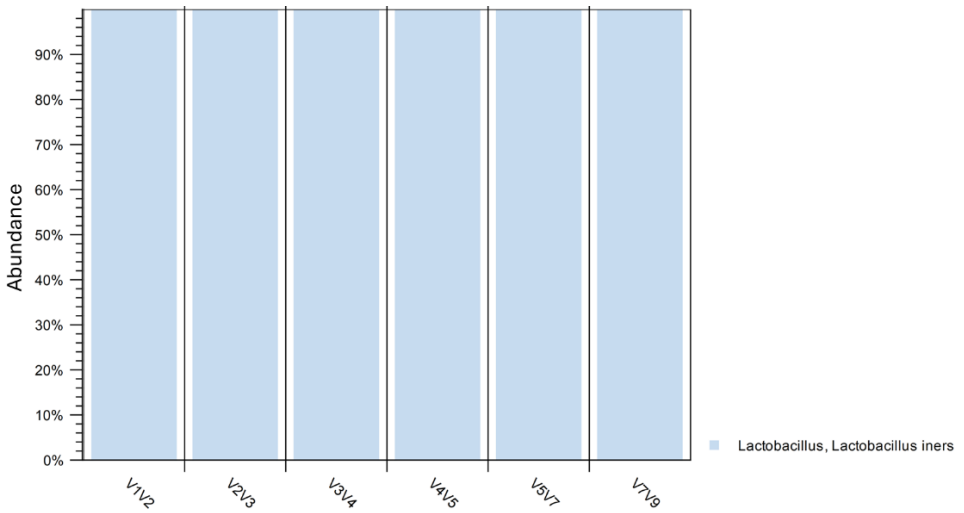
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Sample ID:
30663-001
LSIL
HPV-POS



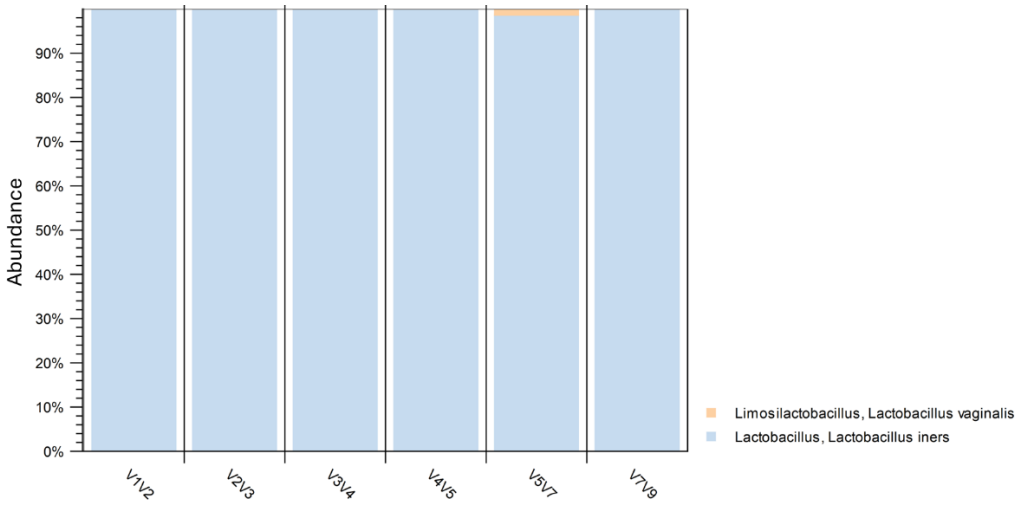
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Sample ID:
30663-002
LSIL
HPV-POS



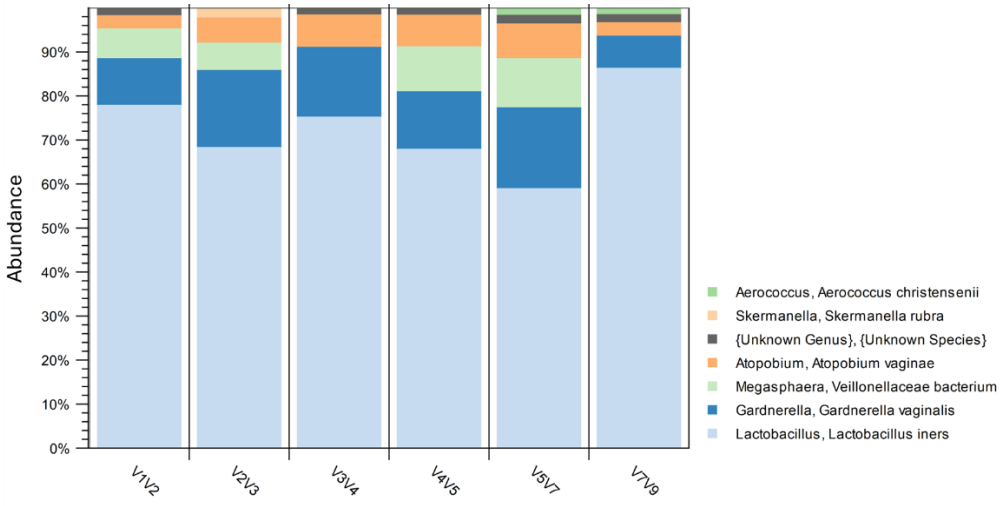
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Sample ID:
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LSIL
HPV-POS



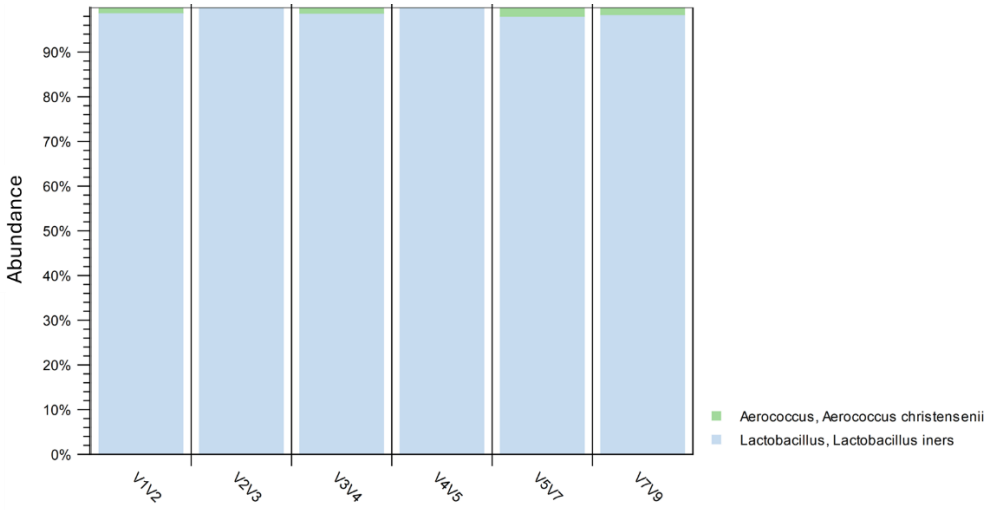
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Sample ID:
30663-004
LSIL
HPV-POS



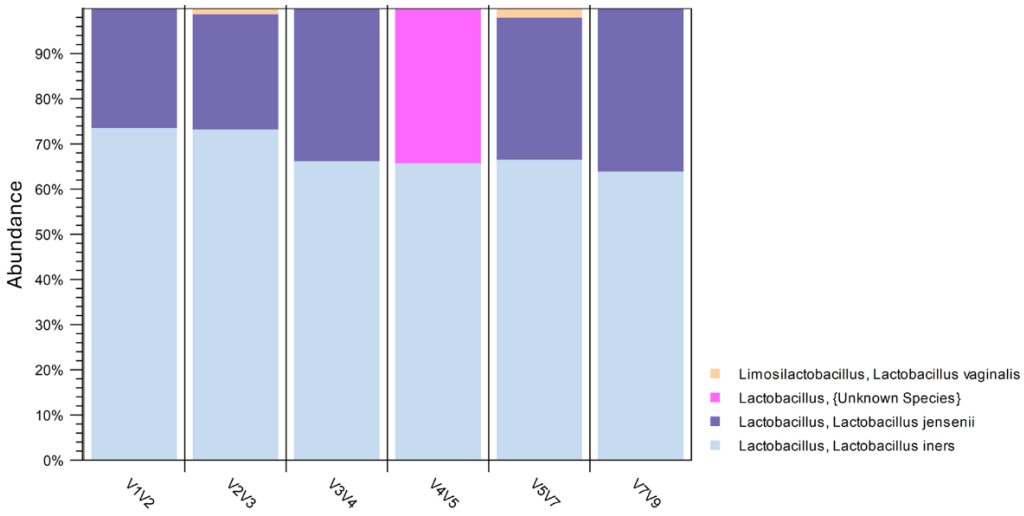
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Sample ID:
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LSIL
HPV-POS



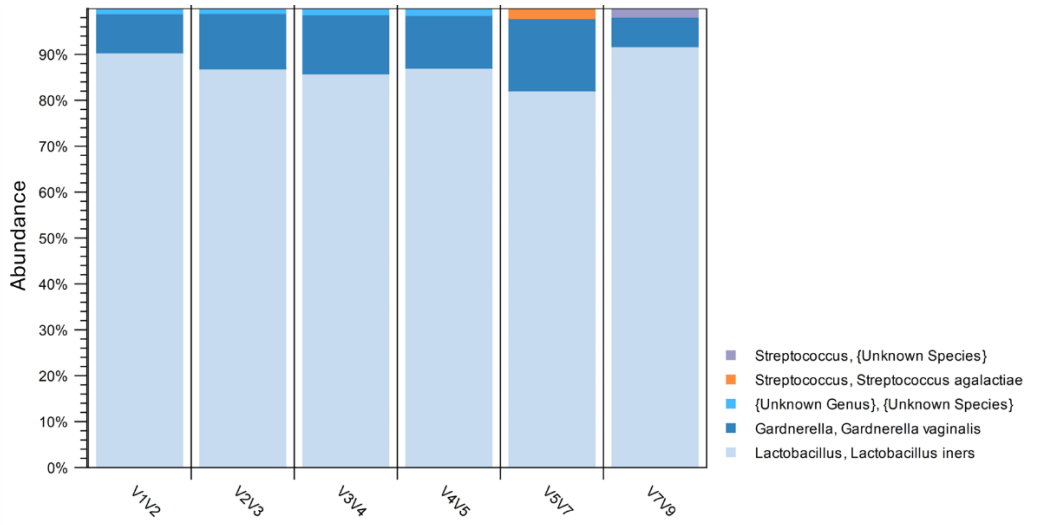
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Sample ID:
30663-006
LSIL
HPV-POS



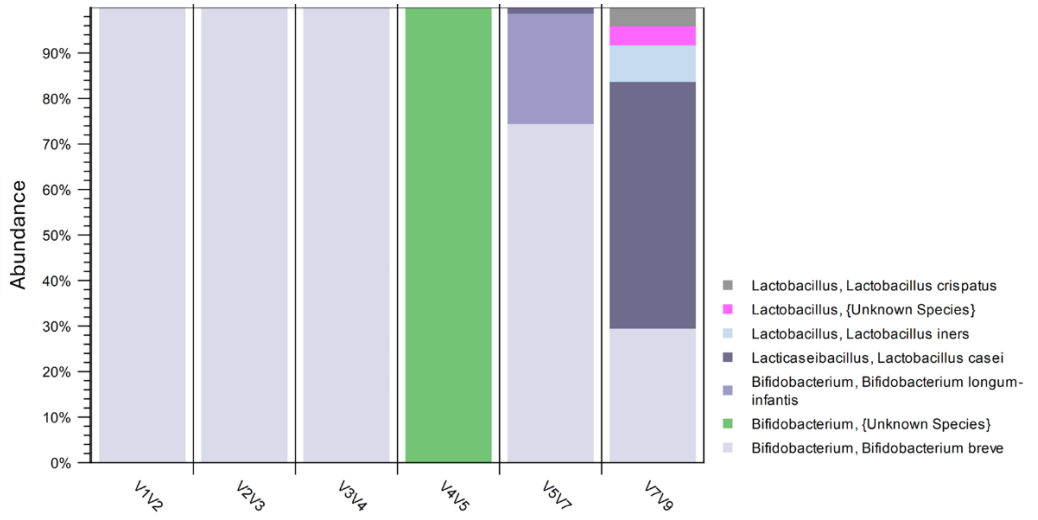
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Sample ID:
30663-007
LSIL
HPV-POS



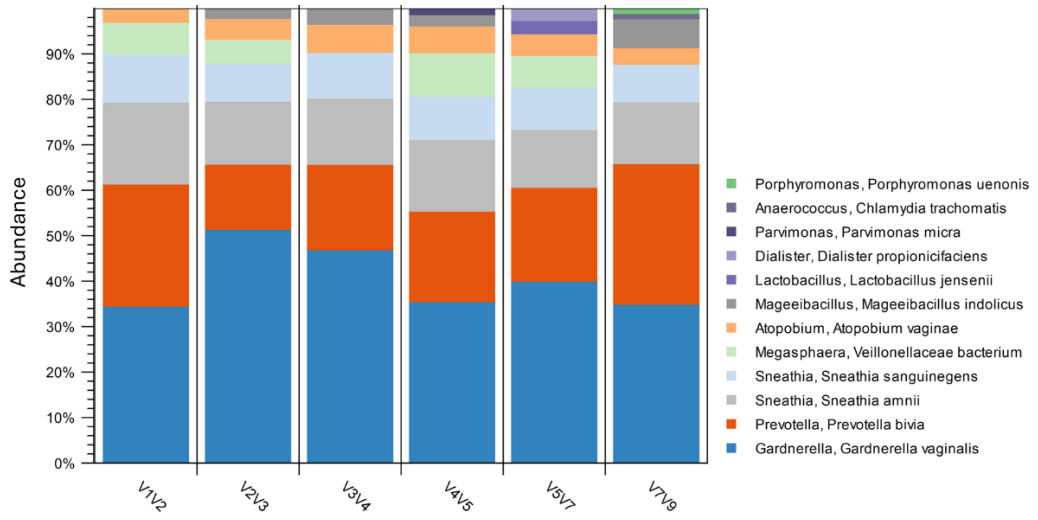
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Sample ID:
30663-008
LSIL
HPV-POS



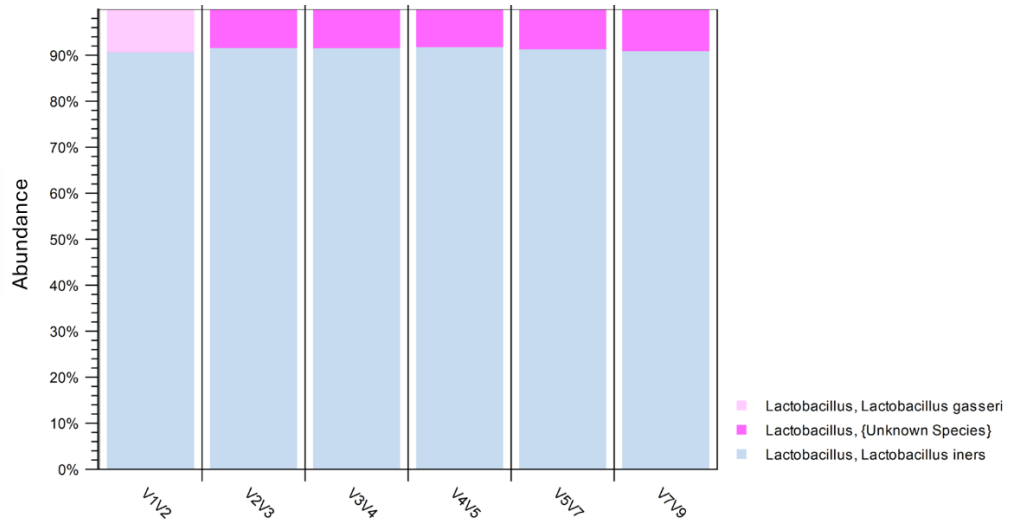
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Sample ID:
30663-009
LSIL
HPV-POS



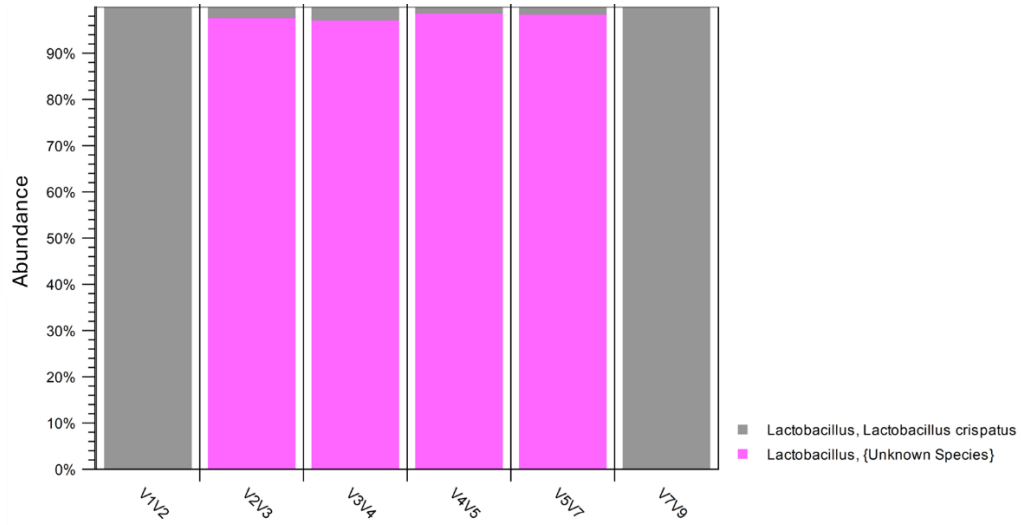
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Sample ID:
30663-010
LSIL
HPV-POS



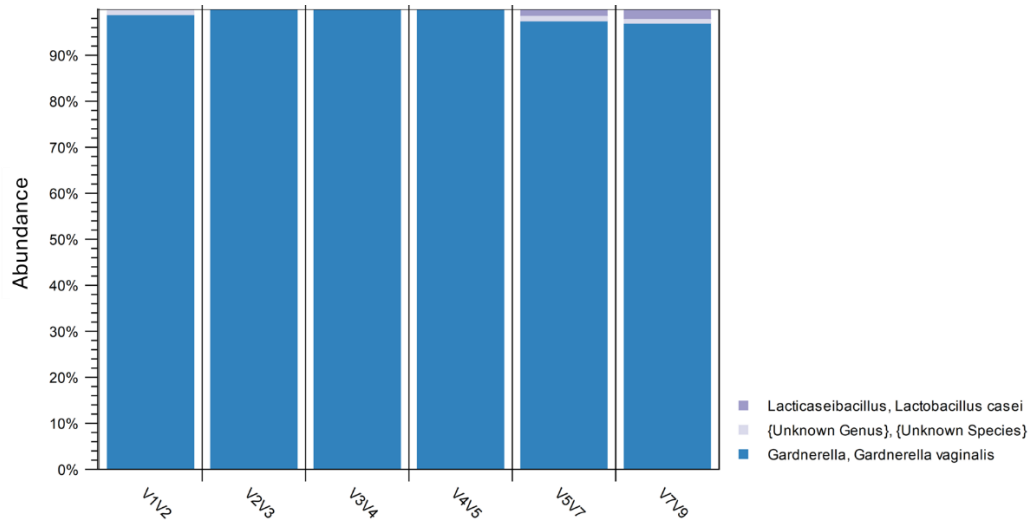
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Sample ID:
30663-011
LSIL
HPV-POS



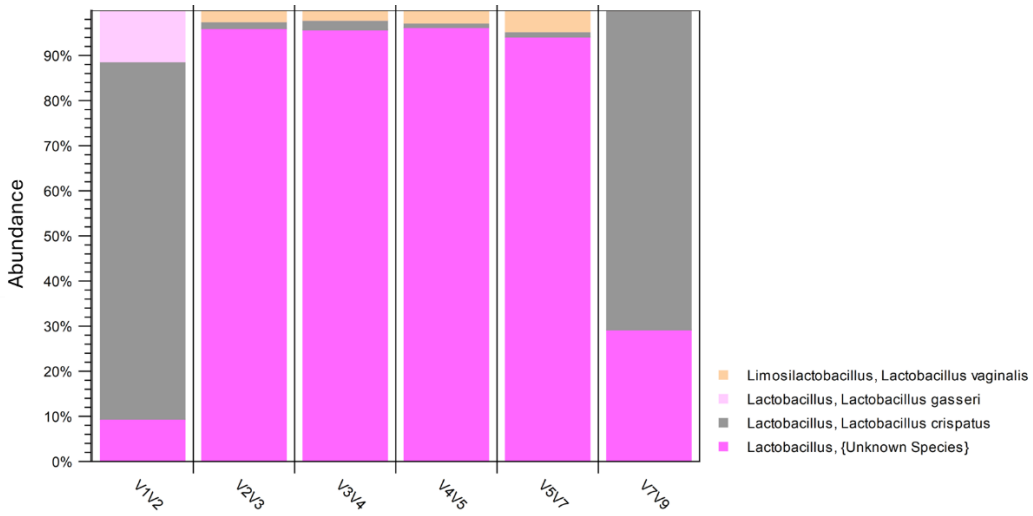
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Sample ID:
30663-012
LSIL
HPV-POS



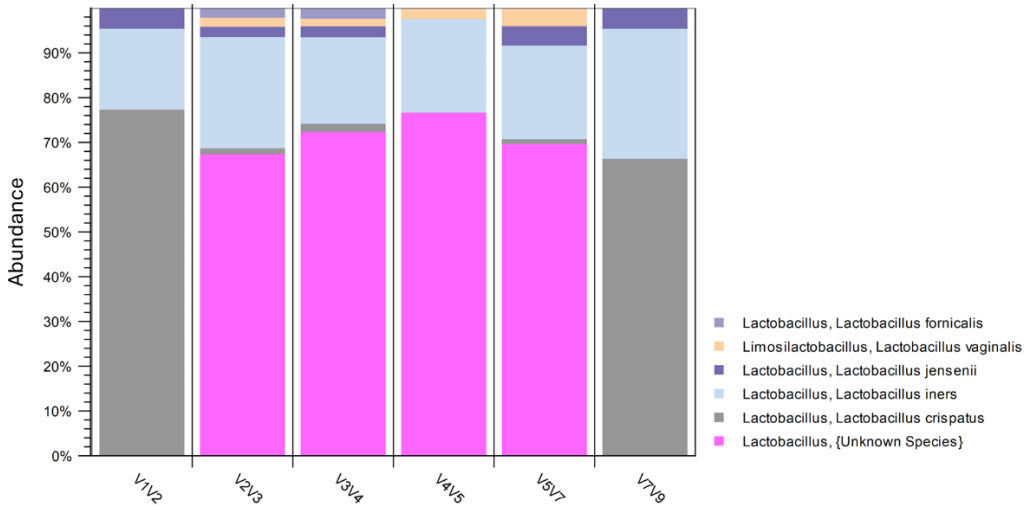
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Sample ID:
30663-013
LSIL
HPV-POS



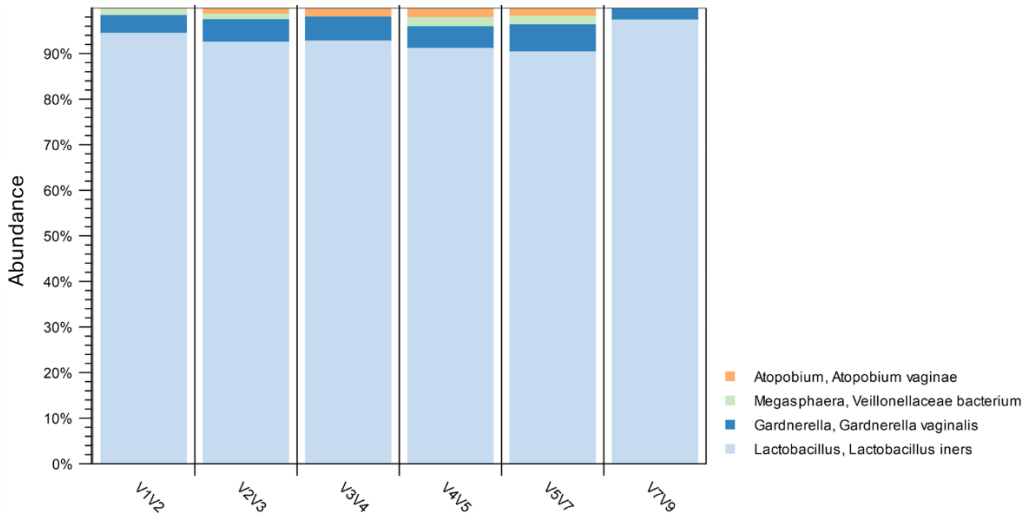
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Sample ID:
30663-014
LSIL
HPV-POS



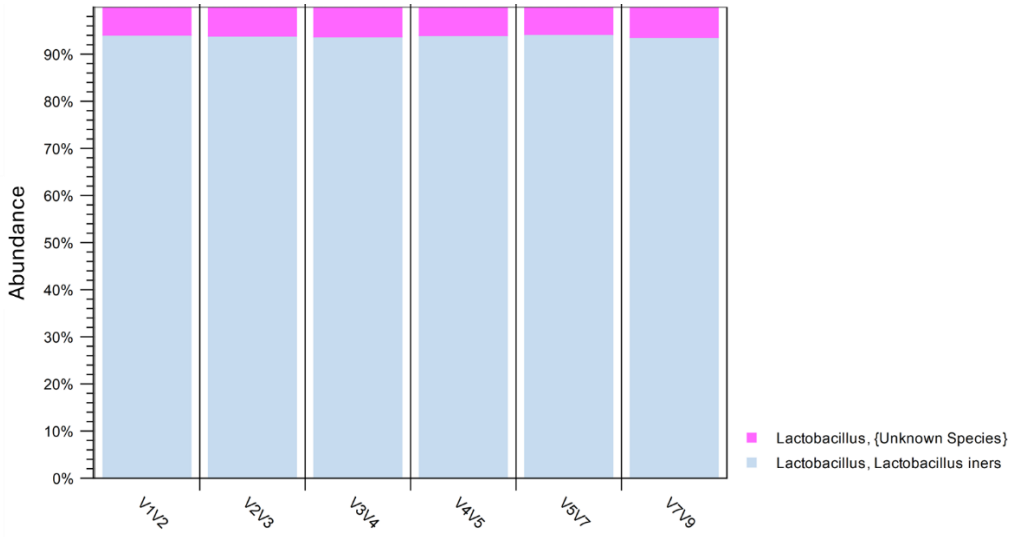
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Sample ID:
30663-015
LSIL
HPV-POS



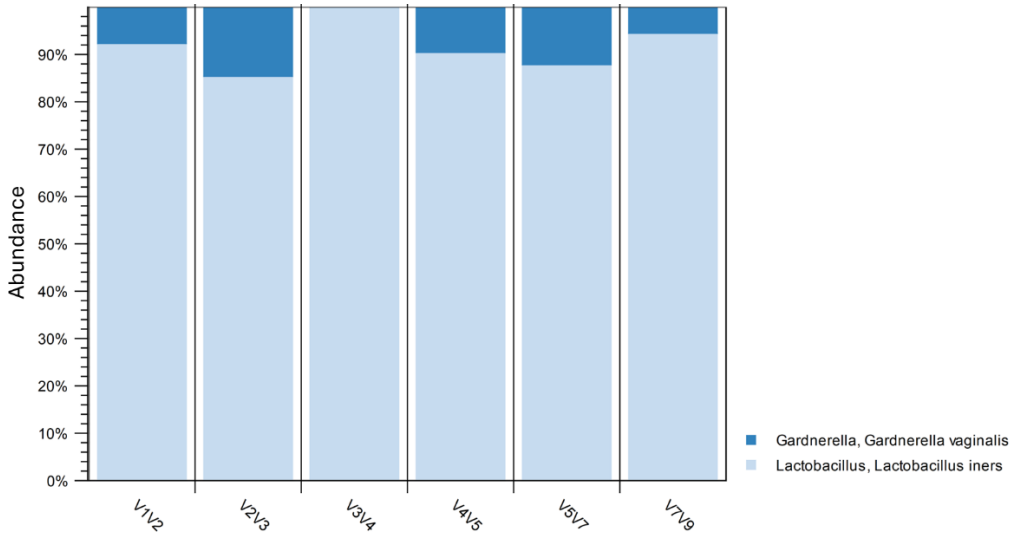
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Sample ID:
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LSIL
HPV-POS



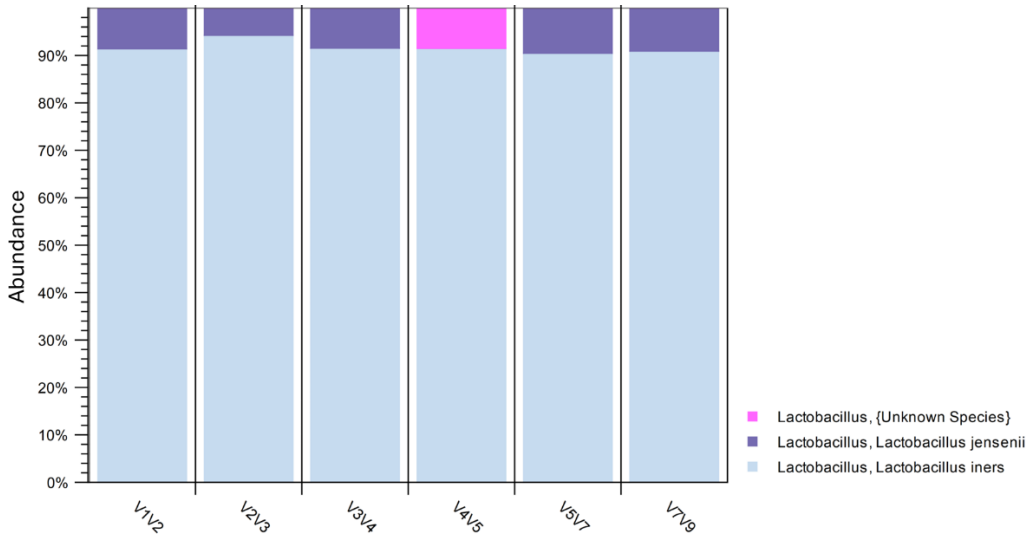
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Sample ID:
30663-017
LSIL
HPV-POS



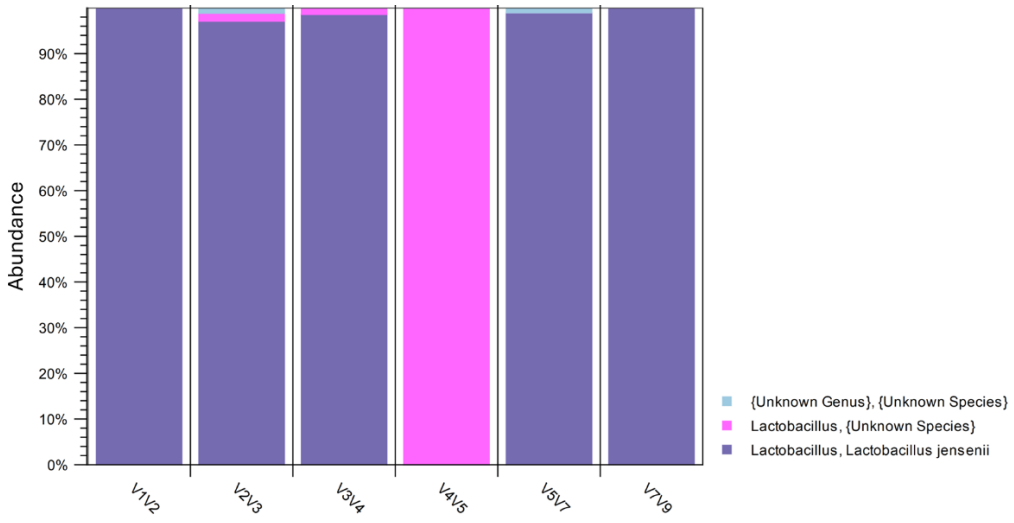
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Sample ID:
30663-018
LSIL
HPV-POS



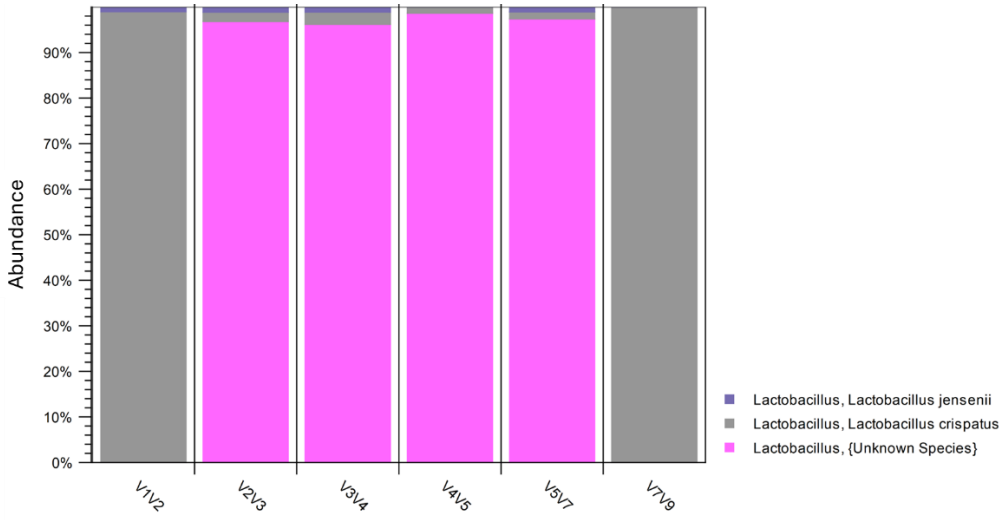
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Sample ID:
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LSIL
HPV-POS



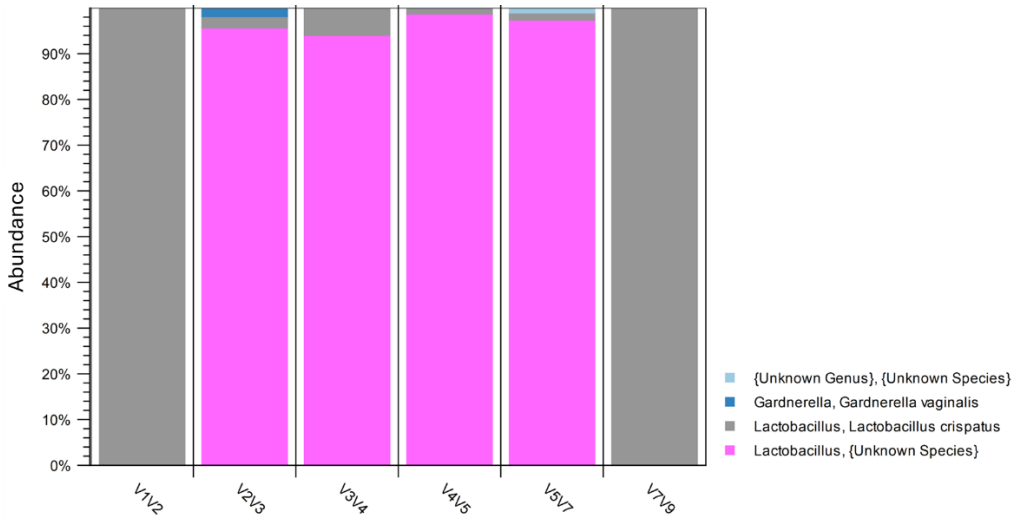
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Sample ID:
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HPV-POS



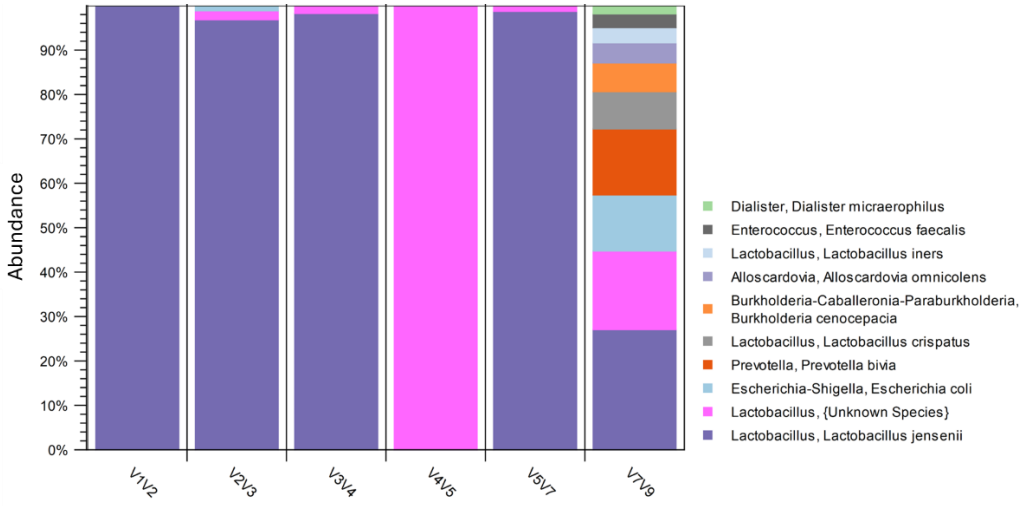
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Sample ID:
30663-021
LSIL
HPV-POS



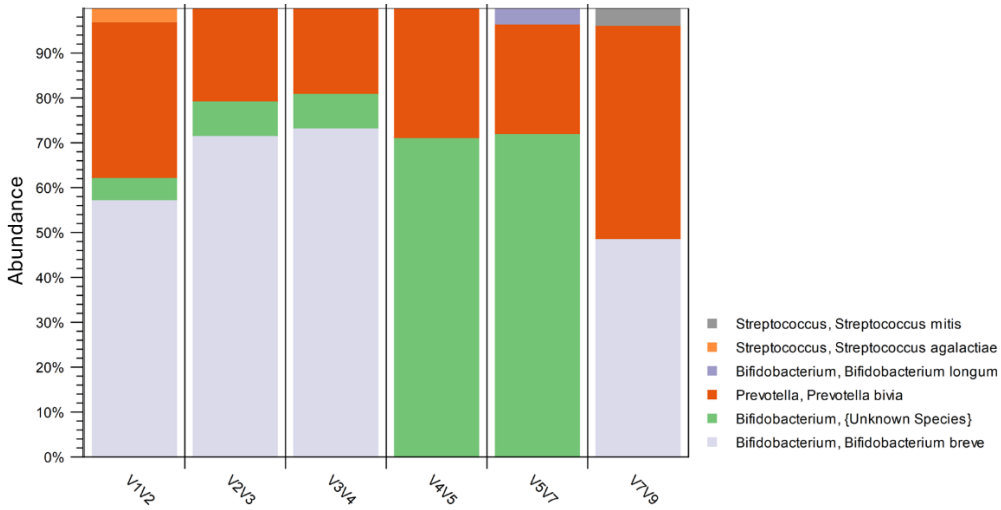
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Sample ID:
30663-022
LSIL
HPV-POS



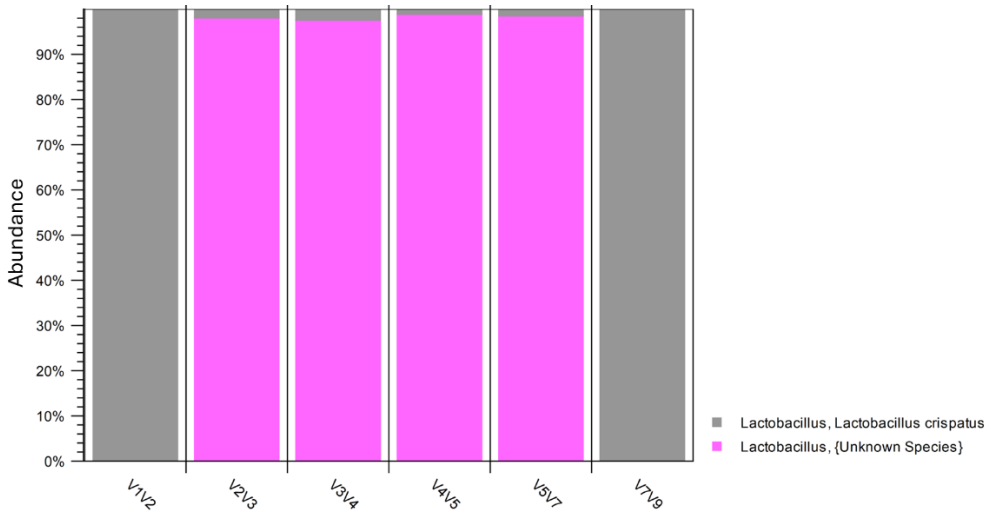
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Sample ID:
30663-023
LSIL
HPV-POS



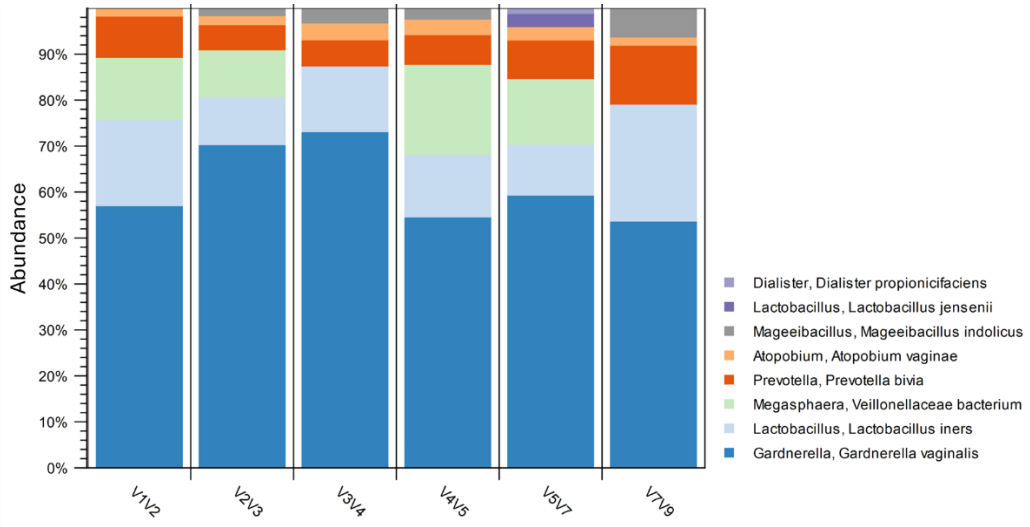
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Sample ID:
30663-024
LSIL
HPV-POS



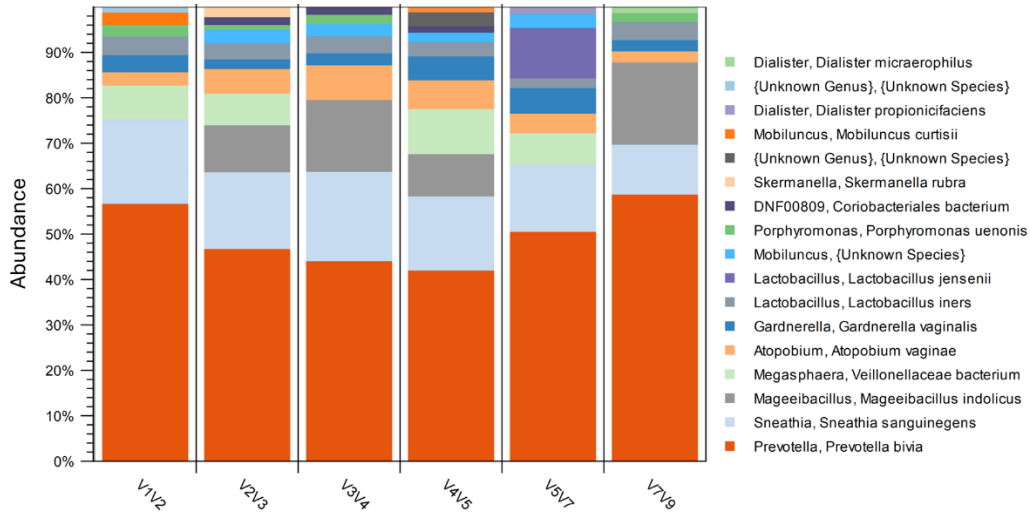
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Sample ID:
30663-025
HSIL
HPV-POS



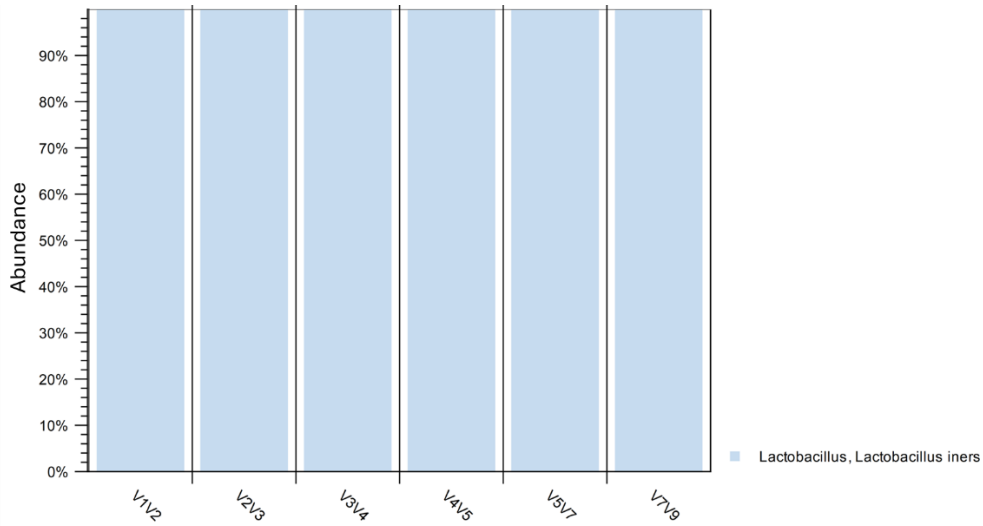
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Sample ID:
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HSIL
HPV-POS



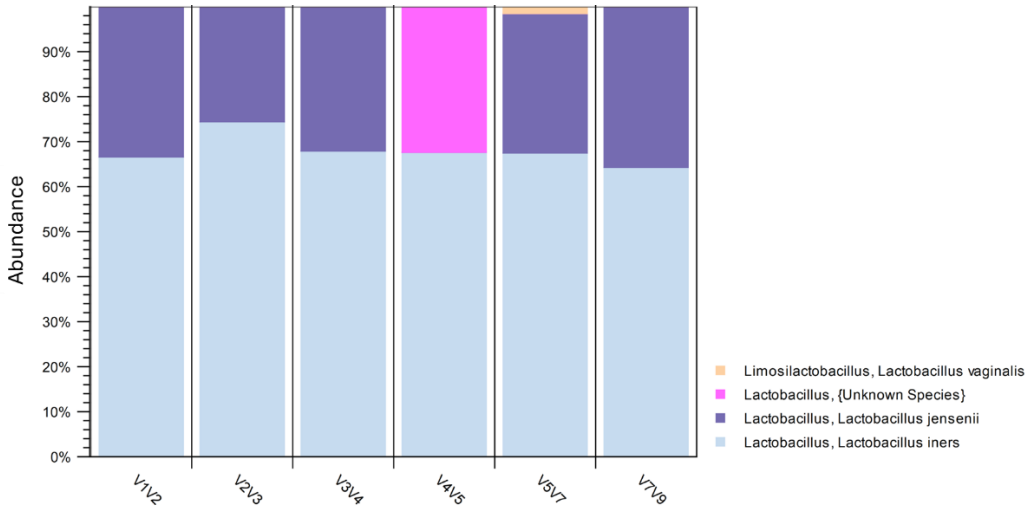
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Sample ID:
30663-028
HSIL
HPV-POS



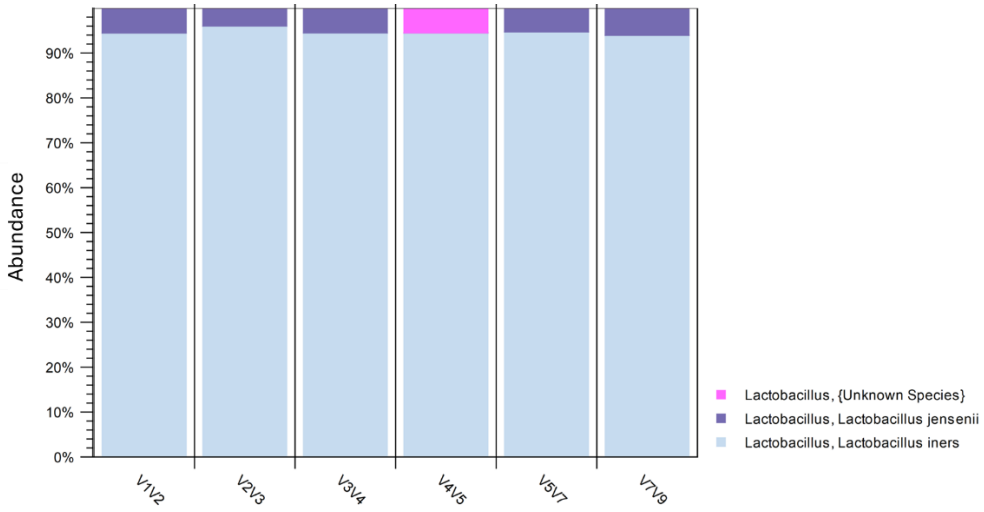
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Sample ID:
30663-029
HSIL
HPV-POS



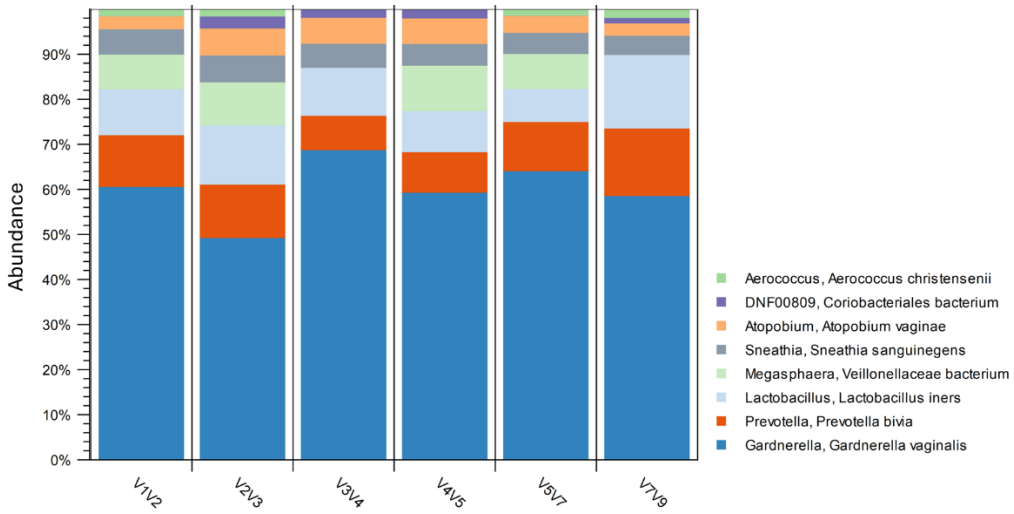
BA

Sample ID:
30663-030
HSIL
HPV-POS



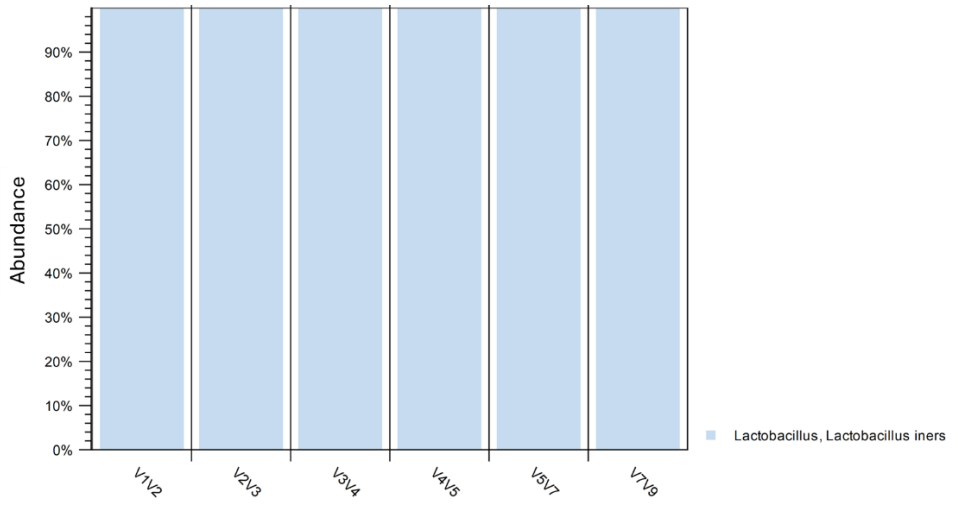
BB

Sample ID:
30663-032
HSIL
HPV-POS



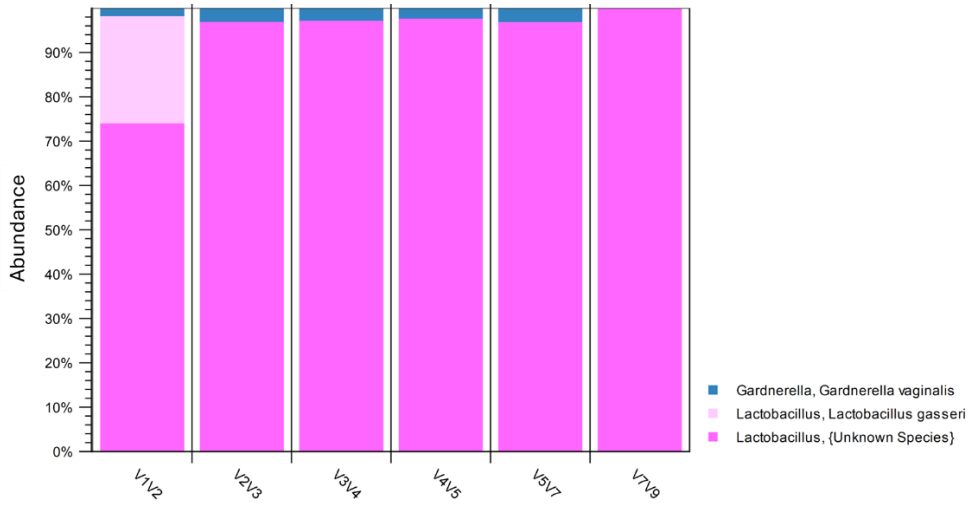
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Sample ID:
30663-033
HSIL
HPV-POS



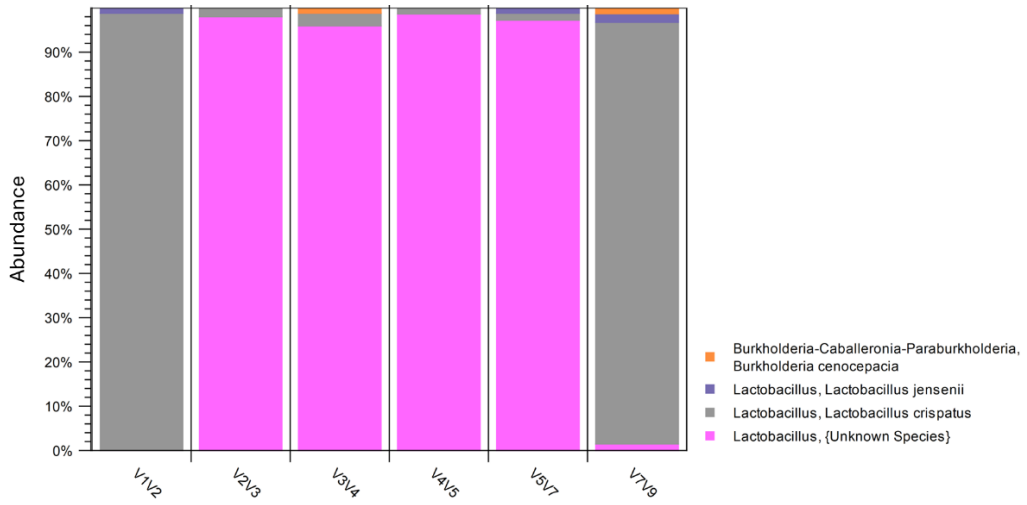
BD

Sample ID:
30663-034
HSIL
HPV-POS



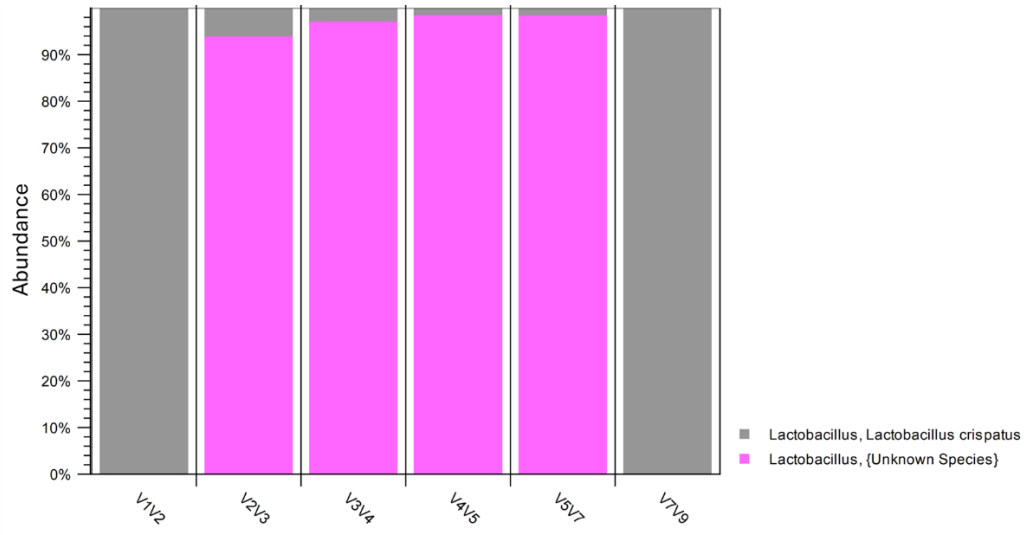
BE

Sample ID:
30663-036
HSIL
HPV-POS



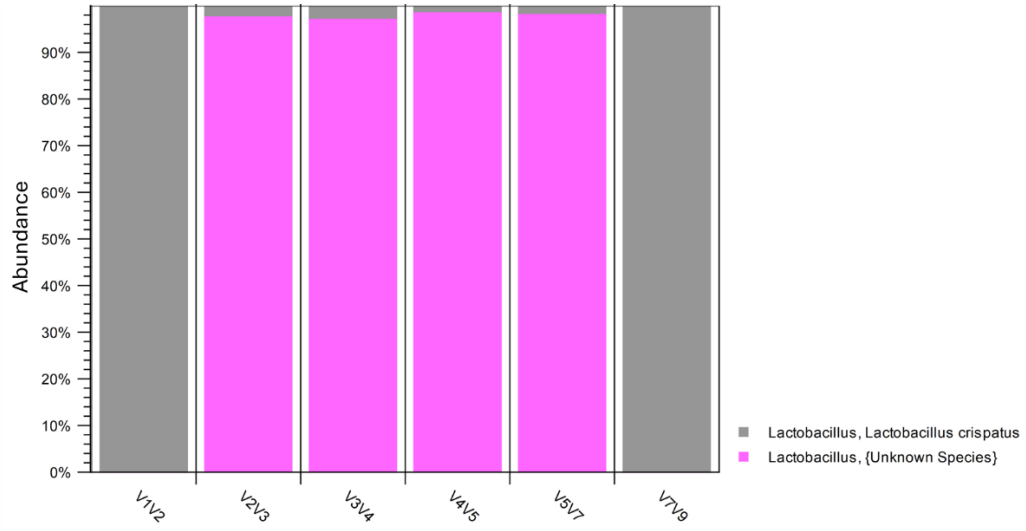
BF

Sample ID:
30663-037
HSIL
HPV-POS



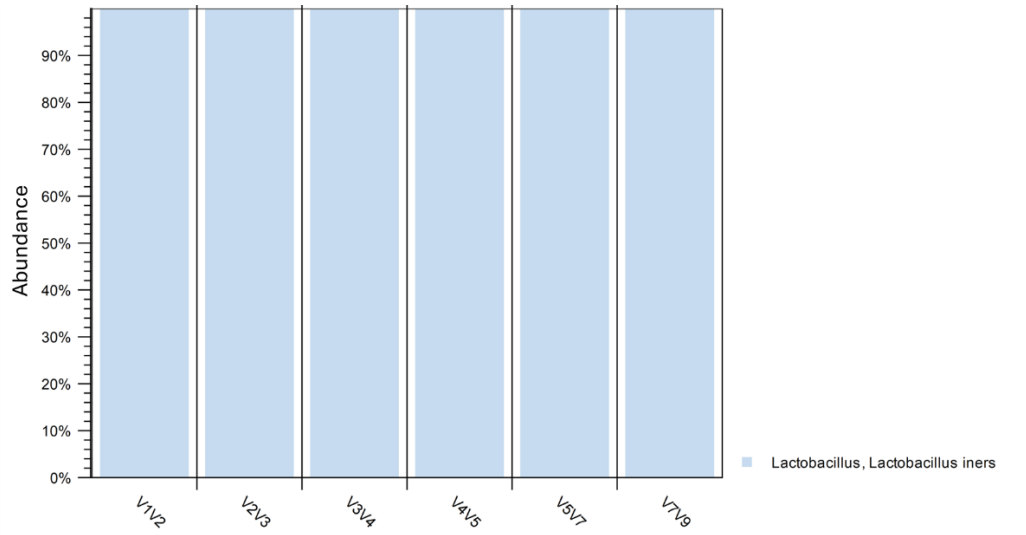
BG

Sample ID:
30663-038
HSIL
HPV-POS



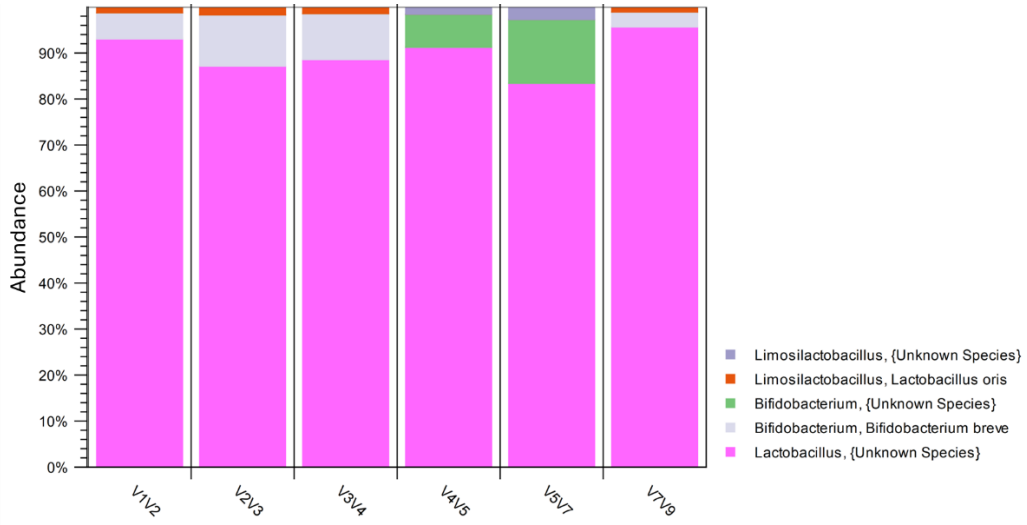
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Sample ID:
30663-039
HSIL
HPV-POS



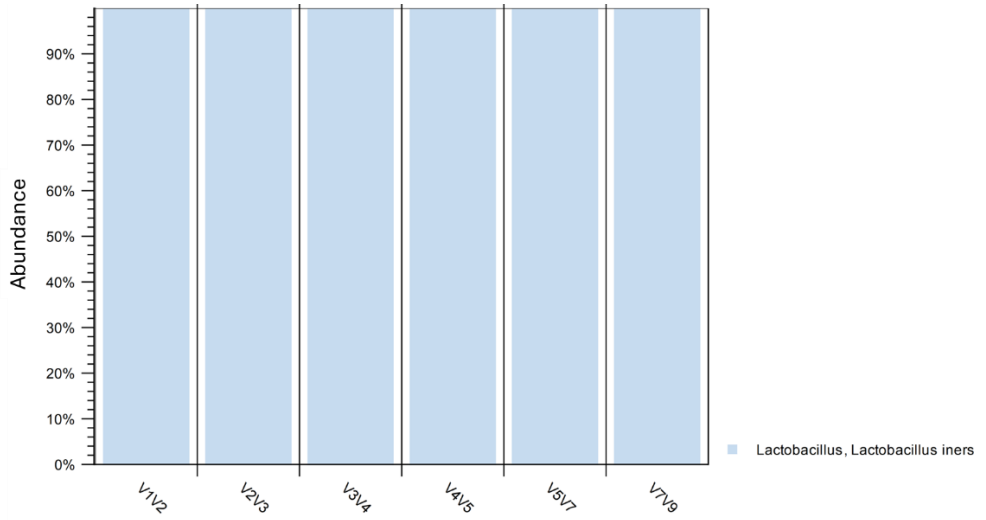
BI

Sample ID:
30663-040
HSIL
HPV-POS



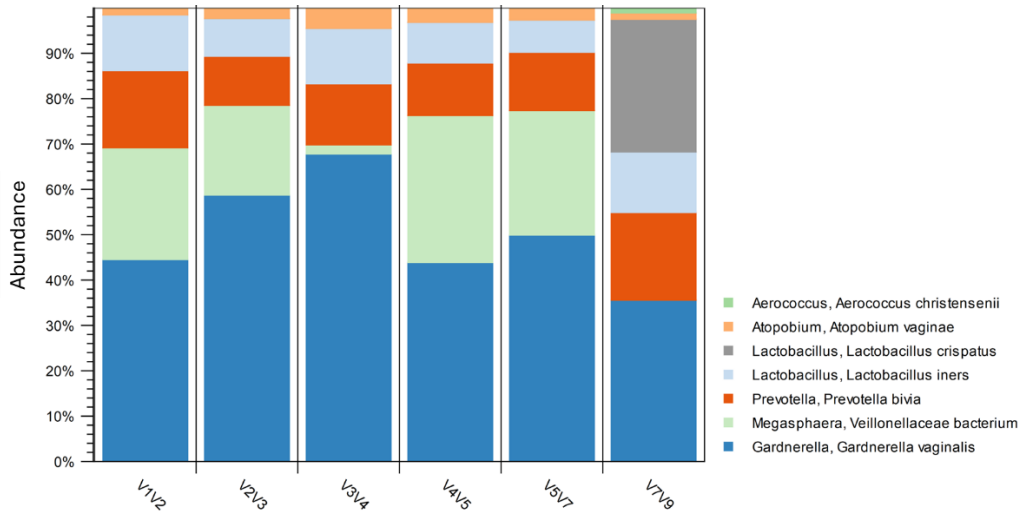
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Sample ID:
30663-041
HSIL
HPV-POS



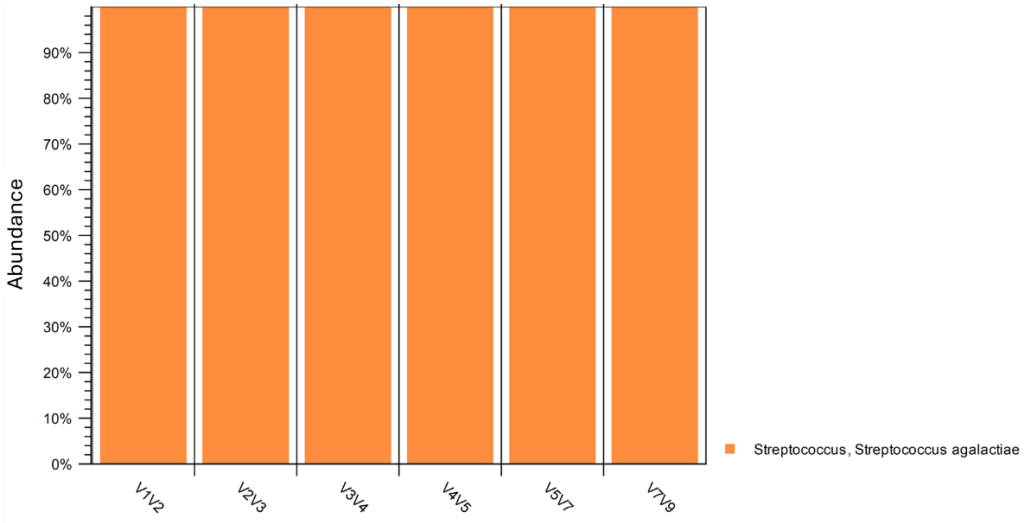
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Sample ID:
30663-042
HSIL
HPV-POS



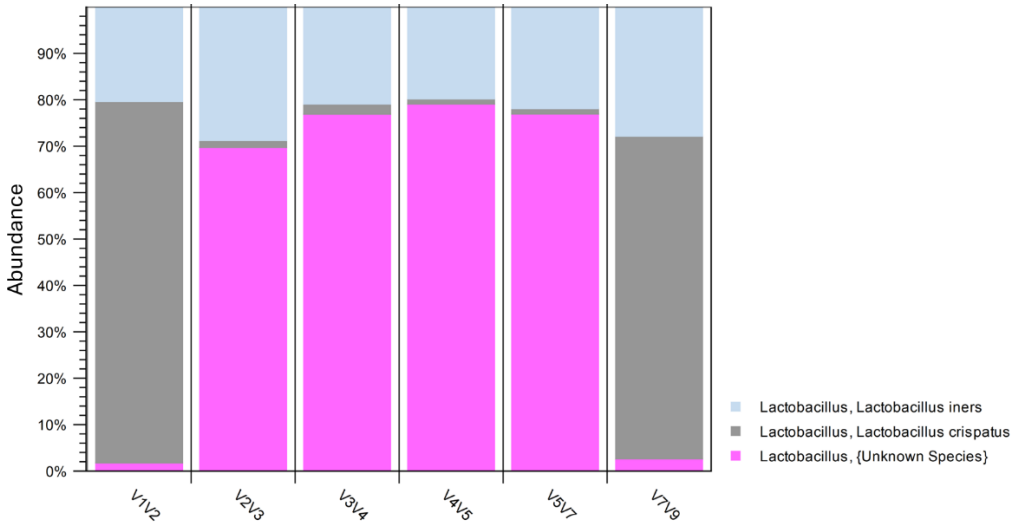
BL

Sample ID:
30663-043
HSIL
HPV-POS



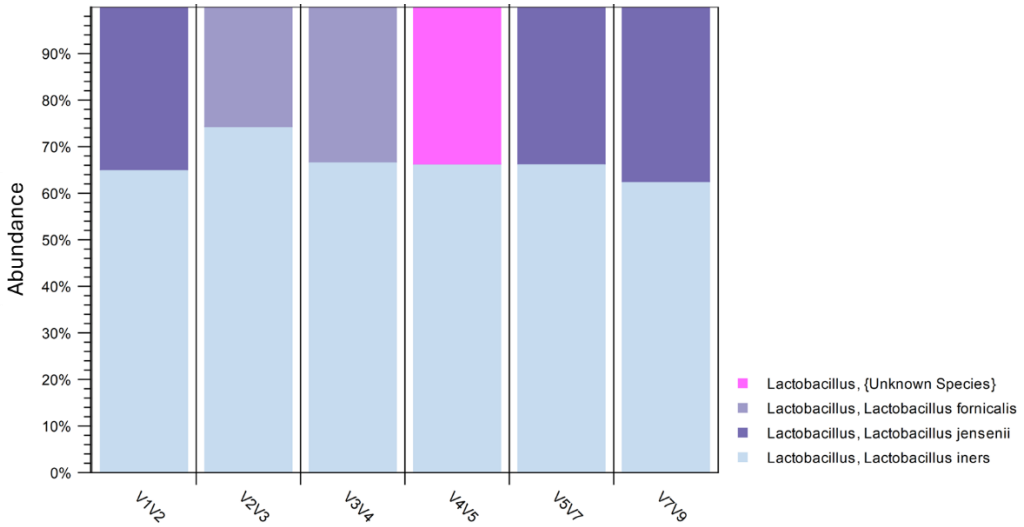
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Sample ID:
30663-044
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HPV-POS



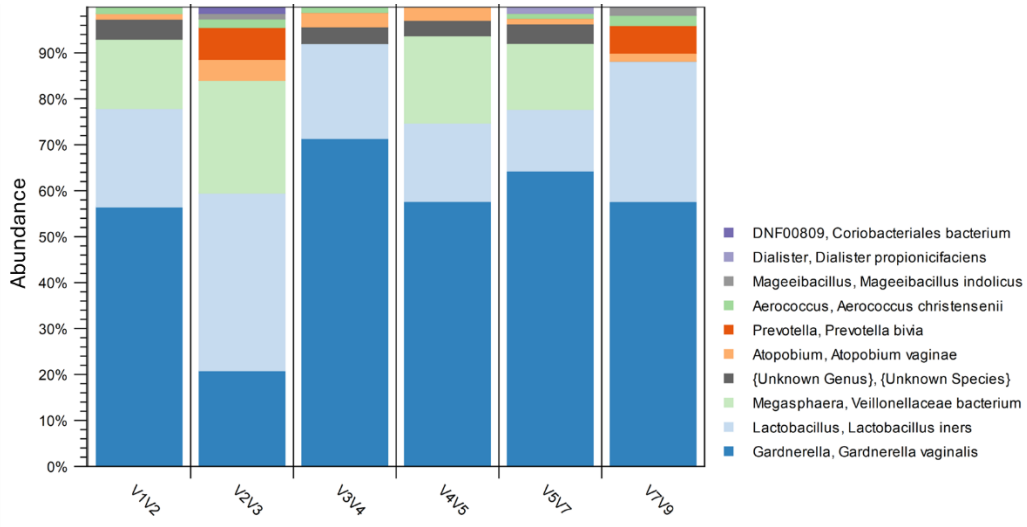
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Sample ID:
30663-045
HSIL
HPV-POS



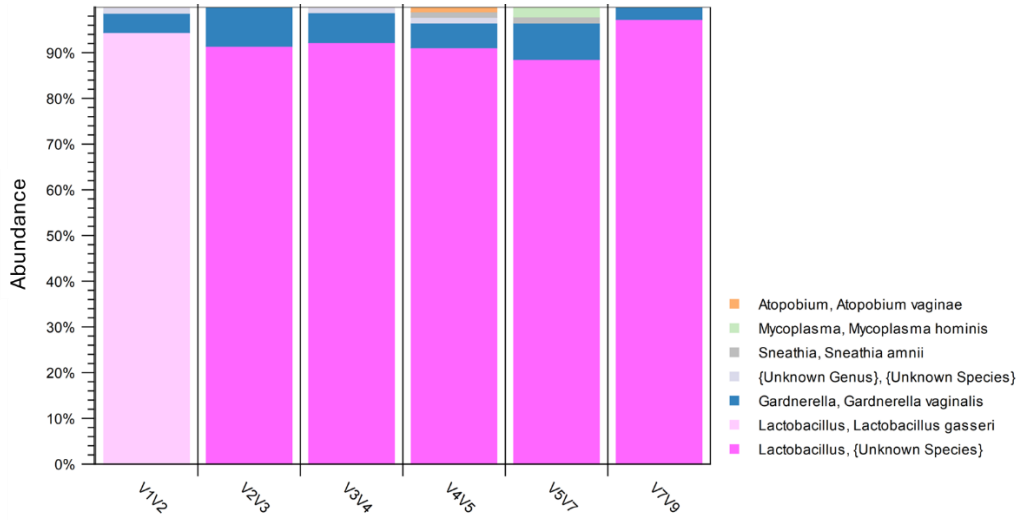
BO

Sample ID:
30663-046
HSIL
HPV-POS



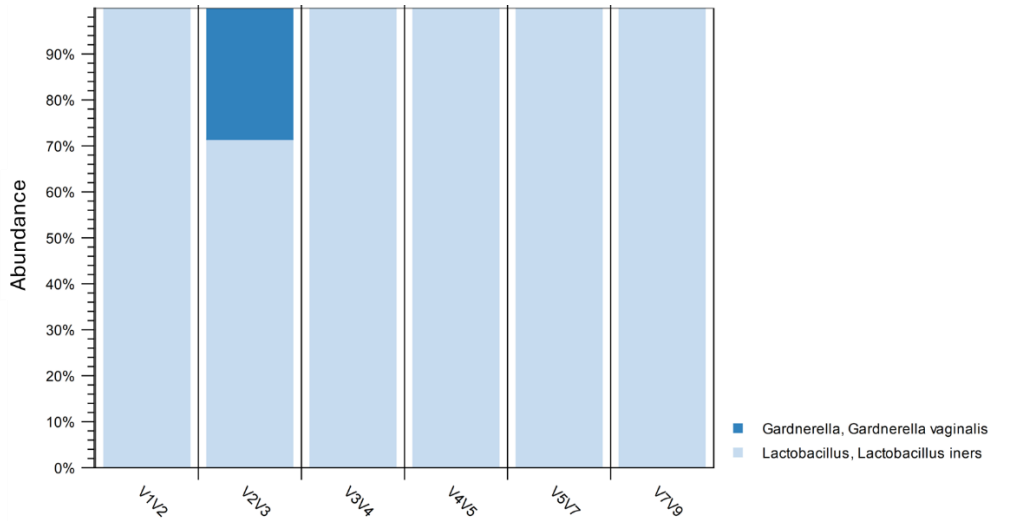
BP

Sample ID:
30663-047
HSIL
HPV-POS



BQ

Sample ID:
30663-049
HSIL
HPV-POS



Supplementary Figure S1. Taxonomic composition of 66 cytology samples and 2 genomic standards. (**A–V, Y-BQ**) Each panel displays the sample ID, cytological diagnosis, and HPV status alongside a stacked bar chart illustrating the relative abundance of microbial species identified through 16S V1–V9 hypervariable region sequencing. (**W,X**) Stacked bar charts display the microbial composition of replicate genomic standards. The legend denotes the identified microbial genera and species.