

# **The pulmonary mycobiome - a study of subjects with and without chronic obstructive pulmonary disease**

## **Supporting Information, S6 Table**

Einar M. H. Martinsen<sup>1\*</sup>, Tomas M. L. Eagan<sup>1,2</sup>, Elise O. Leiten<sup>1</sup>, Ingvild Haaland<sup>1</sup>, Gunnar R. Husebø<sup>1,2</sup>, Kristel S. Knudsen<sup>2</sup>, Christine Drengenes<sup>1,2</sup>, Walter Sanseverino<sup>3</sup>, Andreu Paytuví-Gallart<sup>3</sup>, and Rune Nielsen<sup>1,2</sup>

<sup>1</sup>Department of Clinical Science, University of Bergen, Bergen, Norway

<sup>2</sup>Department of Thoracic Medicine, Haukeland University Hospital, Bergen, Norway

<sup>3</sup>Sequentia Biotech SL, Barcelona, Spain

\* Corresponding author

E-mail: [einar.martinsen@uib.no](mailto:einar.martinsen@uib.no)

**S6 Table. Permuted multivariate analysis of beta-dispersion using Bray-Curtis and Jaccard distances. Comparisons were done (A) merged and (B) pairwise.**

**(A)**

<b>Bray-Curtis, Permuted multivariate analysis of beta-dispersion on OW and BAL together</b>						
<b>Variables</b>	<b>Df</b>	<b>Sum of squares</b>	<b>Mean squares</b>	<b>F</b>	<b>N.Perm</b>	<b>Pr(&gt;F)</b>
Sequencing run	2	0.0283	0.014125	0.4192	1000	0.6913
Residuals	227	7.6481	0.033692	-	-	-
<b>Jaccard, Permuted multivariate analysis of beta-dispersion on OW and BAL together</b>						
<b>Variables</b>	<b>Df</b>	<b>Sum of squares</b>	<b>Mean squares</b>	<b>F</b>	<b>N.Perm</b>	<b>Pr(&gt;F)</b>
Sequencing run	2	0.13686	0.068429	6.4239	1000	<i>0.001998</i>
Residuals	227	2.41808	0.010652	-	-	-

**(B)**

<b>Bray-Curtis, pairwise Permuted multivariate analysis of beta-dispersion on OW and BAL together.</b>			
<b>Observed p-value below diagonal, permuted p-value above diagonal</b>			
<b>Pairs</b>	<b>First</b>	<b>Second</b>	<b>Third</b>
First	-	0.3976	0.6553
Second	0.41555	-	0.5744
Third	0.74603	0.63992	-
<b>Jaccard, pairwise Permuted multivariate analysis of beta-dispersion on OW and BAL together.</b>			
<b>Observed p-value below diagonal, permuted p-value above diagonal</b>			
<b>Pairs</b>	<b>First</b>	<b>Second</b>	<b>Third</b>
First	-	<i>0.003996</i>	0.2418
Second	<i>0.0020067</i>	-	<i>0.033</i>
Third	0.2095527	<i>0.0278263</i>	-

OW: oral wash, BAL: bronchoalveolar lavage.