***Supplements Table 1***

**Characteristics of Patients**

**MBL**

**Genotype Sufficient Insufficient**

**(n=100) (n=12)**

**MEDIAN**

|  |  |  |
| --- | --- | --- |
|  |  |  |
| **Age (years)** | **26.5&** | **19&** |
| **≤ 30 years** | **20** | **17.5** |
| **SEX (m/f) (n)** | **(57/43)** | **(4/8)** |
| ***P.aeruginosa+* (%)** | **69%** | **67%** |
| **BMI *(percentile*)** | **26.5** | **14** |
| **≤ 30 years** | **39#** | **15.5#** |
| **Diabetes mellitus1** | **32%** | **42%** |
| **FEV1 *(% pred.)*** | **65** | **85** |
| **FVC (% pred)** | **84** | **88** |
| **FEF75 *(% pred.*)** | **39** | **53.5** |
| **MBL (mg/mL)** | **579.2\*** | **364.8\*** |

**m, male; f, female; *P.aeruginosa +*, *Pseudomonas aeruginosa* colonization (intermittent+chronic); FEV1 (% predicted), forced expiratory volume in 1 s in % predicted, FEF75 (% predicted) forced expiratory flow at 75% of the pulmonary, , volume (FEF75), FVC(% predicted) forced vital capacity in % predicted, & p<0.046**

**# p< 0.037, \*p<0.007, 1only Germans**

***Supplement Table 2***

**Characteristics of**

**Matched Patients**

**MBL**

**Genotype Sufficient Insufficient**

**(n=12) (n=12)**

**MEDIAN**

|  |  |  |
| --- | --- | --- |
|  |  |  |
| **Age (years)** | **20** | **19** |
| **SEX (m/f) (n)** | **(4/8)** | **(4/8)** |
| ***P.aeruginosa+* (%)** | **67%** | **67%** |
| **BMI *(percentile*)** | **22.5#** | **14#** |
| **Diabetes mellitus1** | **27%** | **42%** |
| **FEV1 *(% pred.)*** | **76** | **85** |
| **FVC (% pred)** | **91** | **88** |
| **FEF75 *(% pred.*)** | **39** | **53.5** |
| **MBL (mg/mL)** | **946\*** | **365\*** |

**m, male; f, female; *P.aeruginosa +*, *Pseudomonas aeruginosa* colonization (intermittent+chronic); FEV1 (% predicted), forced expiratory volume in 1 s in % predicted, FEF75 (% predicted) forced expiratory flow at 75% of the pulmonary volume (FEF75), FVC(% predicted) forced vital capacity in % predicted,**

**# p< 0.086, \*p<0.019, 1only Germans**