Supplementary Table 3: Baseline characteristics of 92 participants in immunogenicity group.

|                                | 3-11 years old group n=55 | 12-17 years old group n=37 |
|--------------------------------|---------------------------|-----------------------------|
| **Age years, mean (SD)**       | 7.73 (2.77)               | 13.7 (1.62)                 |
| **Gender female, n (%)**       | 31 (56.4%)                | 21 (56.8%)                 |
| **With Co-morbidities, n (%)** | 35 (63.6%)                | 24 (64.9%)                 |
| **Obesity, n**                 | 2                         | 4                           |
| **ENT\(^a\) surgery, n**       | 13                        | 6                           |
| **Mental health\(^b\), n**     | 5                         | 7                           |
| **Drugs allergy, n**           | 0                         | 4                           |
| **Atopy\(^c\), n**             | 20                        | 9                           |
| **Asthma, n**                  | 6                         | 4                           |
| **Surgeries, n**               | 0                         | 8                           |
| **Chromosomopathies\(^d\), n** | 2                         | 0                           |
| **Others, n**                  | 15                        | 12                          |

\(^a\) ear, nose and throat  
\(^b\) anxiety disorders, ADHD, ASD  
\(^c\) allergic rhinitis -atopic dermatitis  
\(^d\) Down Syndrome and Turner Syndrome