**Supplementary material**

Table S1Information of peanut allergy patients

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Number | Gender | Age | Clinical symptoms | Total IgE level  （IU/mL） | Specific IgE level  （IU/mL） |
| 1 | female | 50y | Allergic rhinitis, asthma, celiac disease | 1031 | ＞＝100 |
| 2 | male | 38y | Allergic rhinitis | 913.741 | 52.482 |
| 3 | male | 31y | Allergic asthma | 264.113 | 76.598 |
| 4 | male | 52y | Allergic rhinitis | 4739 | 68.6 |
| 5 | male | 26y | Allergic rhinitis | ND\* | ＞=100 |
| 6 | male | 33y | Allergic rhinitis | ND\* | 29.335 |
| 7 | male | 22y | Allergic rhinitis，asthma | ND\* | 49.9 |
| 8 | male | 24y | Allergic rhinitis | 17216.5 | 69.8 |
| 9 | female | 41y | Allergic rhinitis | ND\* | 34.3 |
| 10 | male | 29y | Allergic rhinitis | ND\* | 84.3 |

a) ND\*: Not detected