**Supplementary Table A:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Case No.** | **SPT positivity  ( > 2+)to different allergens** | **Specific IgE positivity to any of the commonly consumed food antigens** | |
|  |  | **Peanut, Soybean, Chickpea, Maize and Rice** | **Specific IgE positivity to other food antigens \*** |
| 1 | Maize, Mango, Tomato | Peanut, Soybean, Chickpea, Maize |  |
| 2 | Maize, Rice | Maize |  |
| 3 | Maize | Maize, Rice |  |
| 4 | Maize | Maize |  |
| 5 | Maize, Rice | Maize |  |
| 6 | Wheat | Peanut |  |
| 7 | Peanut, Soybean, Rice | Rice |  |
| 8 | Wheat, Rice, Peanut | Peanut |  |
| 9 | Kidneybean | Chickpea |  |
| 10 | Rice | Rice |  |
| 11 | Soybean, Chickpea | Chickpea |  |
| 12 | Kidney bean, Tomato | Peanut, soybean |  |
| 13 | Tomato, Maize | Soybean |  |
| 14 | Wheat, Rice | Chickpea |  |
| 15 | Peanut, Soybean, Rice, Mustard | Rice |  |
| 16 | Milk | Peanut | Egg |
| 17 | Nuts, Sesame | Rice |  |
| 18 | Milk, Blackpepper | Rice |  |
| 19 | Egg yolk, Prawn | Chickpea | Egg |
| 20 | Almond, Milk, | Peanut |  |
| 21 | Milk, Soybean, Nuts | Chickpea |  |
| 22 | Sorghum | Peanut |  |
| 23 | Yeast, Milk, Nuts | Rice |  |
| 24 | Almonds, Vinegar, Peanut | Chickpea |  |
| 25 | Soybean, Rice, Arhar | Chickpea |  |
| 26 | Peanut, Fish, Milk | Soybean, Rice |  |
| 27 | Milk, Cashewnut | Soybean, Rice |  |
| 28 | Yeast, Almond | Soybean |  |
| 29 | Fish, peanut | Peanut |  |
| 30 | Blackpepper, Milk, Cashewnut | Chickpea | Milk, Wheat, Shrimp |
| 31 | Rice, Maize | Chickpea |  |
| 32 | Rice, Maize | Peanut |  |
| 33 | Rice, Maize | Soybean |  |
| 34 | Rice, Maize | Chickpea |  |
| 35 | Rice, Maize | Soybean |  |
| 36 | Tomato | Peanut |  |
| 37 | Tomato, Soybean | Soybean |  |
| 38 | Peanut, Blackgram | soybean |  |
| 39 | Peanut, Maize | Chickpea |  |

**Supplementary Table B:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Non GM maize** | | **GM maize with Cry 1Ab** | | **GM maize with Cry 1C** | | **GM maize with Cry 1Ac** | |
|  | **Patients** | **Control** | **Patients** | **Control** | **Patients** | **Control** | **Patients** | **Control** |
| 1 | 0.213 | 0.004 | 0.233 | 0.004 | 0.22 | 0.008 | 0.21 | 0.01 |
| 2 | 0.4 | 0.04 | 0.25 | 0.007 | 0.4 | 0.08 | 0.23 | 0.01 |
| 3 | 0.42 | 0.06 | 0.16 | 0.02 | 0.36 | 0.01 | 0.2 | 0.01 |
| 4 | 0.21 | 0.05 | 0.19 | 0.02 | 0.26 | 0.01 | 0.23 | 0.02 |
| 5 | 0.39 | 0.06 | 0.38 | 0.03 | 0.32 | 0.01 | 0.44 | 0.06 |
| 6 | 0.38 | 0.08 | 0.22 | 0.02 | 0.35 | 0.16 | 0.24 | 0.01 |
| 7 | 0.37 | 0.02 | 0.36 | 0.03 | 0.29 | 0.04 | 0.25 | 0.03 |
| 8 | 0.36 | 0.05 | 0.16 | 0 | 0.46 | 0.01 | 0.12 | 0.05 |
| 9 | 0.836 | 0.01 | 0.627 | 0.1 | 0.627 | 0.02 | 0.471 | 0.001 |
| 10 | 0.15 | 0.02 | 0.1 | 0.02 | 0.18 | 0.012 | 0.17 | 0.09 |
| 11 | 0.142 | 0.01 | 0.13 | 0.05 | 0.14 | 0.01 | 0.112 | 0.005 |
| 12 | 0.1 |  | 0.2 |  | 0.2 |  | 0.2 |  |
| 13 | 0.311 |  | 0.3 |  | 0.31 |  | 0.32 |  |
| 14 | 0.2 |  | 0.19 |  | 0.3 |  | 0.2 |  |
| 15 | 0.1 |  | 0.1 |  | 0.1 |  | 0.19 |  |
| 16 | 0.274 |  | 0.5 |  | 0.49 |  | 0.64 |  |
| 17 | 0.21 |  | 0.13 |  | 0.21 |  | 0.122 |  |
| 18 | 0.29 |  | 0.28 |  | 0.22 |  | 0.35 |  |
| 19 | 0.1 |  | 0.12 |  | 0.15 |  | 0.17 |  |
| 20 | 0.2 |  | 0.2 |  | 0.19 |  | 0.125 |  |
| 21 | 0.17 |  | 0.29 |  | 0.136 |  | 0.1 |  |
| 22 | 0.133 |  | 0.11 |  | 0.12 |  | 0.15 |  |
| 23 | 0.45 |  | 0.17 |  | 0.5 |  | 0.48 |  |
| 24 | 0.39 |  | 0.14 |  | 0.32 |  | 0.19 |  |
| 25 | 0.27 |  | 0.1 |  | 0.135 |  | 0.12 |  |
| 26 | 0.285 |  | 0.44 |  | 0.1 |  | 0.13 |  |
| 27 | 0.2 |  | 0.3 |  | 0.3 |  | 0.128 |  |
| 28 | 0.247 |  | 0.52 |  | 0.54 |  | 0.5 |  |
| 29 | 0.325 |  | 0.6 |  | 0.5 |  | 0.64 |  |
| 30 | 0.219 |  | 0.3 |  | 0.3 |  | 0.25 |  |
| 31 | 0.03 |  | 0.041 |  | 0.031 |  | 0.11 |  |
| 32 | 0.03 |  | 0.059 |  | 0.072 |  | 0.115 |  |
| 33 | 0.29 |  | 0.31 |  | 0.33 |  | 0.24 |  |
| 34 | 0.36 |  | 0.39 |  | 0.57 |  | 0.3 |  |
| 35 | 0.18 |  | 0.13 |  | 0.14 |  | 0.2 |  |
| 36 | 0.29 |  | 0.16 |  | 0.48 |  | 0.19 |  |
| 37 | 0.235 |  | 0.32 |  | 0.35 |  | 0.54 |  |
| 38 | 0.45 |  | 0.44 |  | 0.53 |  | 0.56 |  |
| 39 | 0.44 |  | 0.31 |  | 0.5 |  | 0.51 |  |