**S2 Table: Serotype Specific ELISpot Responses and Serum Plaque Formation Neutralisation Assay results**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | ELISpot | | | | | | | | Serum Neutralising Antibody Assay | | | | | |
|  |  | DMSO | CB1 | CB2 | CB3 | CB4 | CB5 | CB6 | CEF | CB1 | CB2 | CB3 | CB4 | CB5 | CB6 |
| **Ctrl 1** | Mean SI | 1.0 | 0.8 | 0.5 | 0.8 | 0.4 | 0.8 | 0.6 | 12.1 | Neg | W | S | S | W | W |
| Total Spots | 28.0 | 21.0 | 14.0 | 23.0 | 12.0 | 22.0 | 17.0 | 339.0 |
| **Ctrl 2** | Mean SI | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.3 | 9.0 | - | - | - | - | - | - |
| Total Spots | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 27.0 |
| **Ctrl 3** | Mean SI | 0.0 | 0.3 | 0.7 | 0.7 | 0.3 | 1.0 | 0.3 | 3.7 | W | W | W | W | Neg | Neg |
| Total Spots | 0.0 | 1.0 | 2.0 | 2.0 | 1.0 | 3.0 | 1.0 | 11.0 |
| **Ctrl 4** | Mean SI | 0.0 | - | - | - | - | - | - | 39.3 | W | S | S | S | S | W |
| Total Spots | 0.0 | - | - | - | - | - | - | 118.0 |
| **Ctrl 5** | Mean SI | 0.0 | 0.3 | 0.3 | 0.7 | 0.0 | 0.3 | 0.7 | 19.0 | S | S | S | Neg | W | W |
| Total Spots | 0.0 | 1.0 | 1.0 | 2.0 | 0.0 | 1.0 | 2.0 | 57.0 |
| **Ctrl 6** | Mean SI | 1.0 | 0.2 | 0.7 | 0.5 | 0.4 | 0.9 | 0.8 | 13.7 | Neg | Neg | Neg | W | W | Neg |
| Total Spots | 10.0 | 2.0 | 7.0 | 5.0 | 4.0 | 9.0 | 8.0 | 137.0 |
| **Ctrl 7** | Mean SI | 0.0 | 0.3 | 0.7 | 0.7 | 0.3 | 0.3 | 0.7 | 7.3 | Neg | W | W | W | S | Neg |
| Total Spots | 0.0 | 1.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 22.0 |
| **Ctrl 8** | Mean SI | 0.3 | 3.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 26.0 | S | - | S | S | S | S |
| Total Spots | 1.0 | 10.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 78.0 |
| **Ctrl 9** | Mean SI | 0.0 | 0.0 | 0.3 | 0.0 | 0.3 | 0.0 | 0.3 | 49.7 | - | - | - | - | - | - |
| Total Spots | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 | 1.0 | 149.0 |
| **Ctrl 10** | Mean SI | 1.0 | 1.6 | 1.0 | 1.5 | 1.0 | 0.6 | 1.2 | 7.5 | - | - | - | - | - | - |
| Total Spots | 10.0 | 17.0 | 11.0 | 16.0 | 11.0 | 6.0 | 13.0 | 79.0 |
| **Ctrl 11** | Mean SI | 1.0 | - | - | - | - | - | - | 19.7 | - | - | - | - | - | - |
| Total Spots | 6.0 | - | - | - | - | - | - | 118.0 |
| **Ctrl 12** | Mean SI | 0.7 | 1.0 | 2.0 | 1.0 | 0.7 | 1.3 | 1.3 | 106.0 | W | S | W | S | S | Neg |
| Total Spots | 2.0 | 3.0 | 6.0 | 3.0 | 2.0 | 4.0 | 4.0 | 318.0 |
| **Ctrl 13** | Mean SI | 0.0 | 1.0 | 1.0 | 2.3 | 0.7 | 0.7 | 1.0 | 9.0 | W | S | W | S | W | W |
| Total Spots | 0.0 | 3.0 | 3.0 | 7.0 | 2.0 | 2.0 | 3.0 | 27.0 |
| **Ctrl 14** | Mean SI | 0.3 | 7.0 | 1.0 | 0.7 | 3.3 | 1.7 | 0.3 | 36.3 | - | - | - | - | - | - |
| Total Spots | 1.0 | 21.0 | 3.0 | 2.0 | 10.0 | 5.0 | 1.0 | 109.0 |
| **Ctrl 15** | Mean SI | 0.3 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.3 | 27.3 | - | - | - | - | - | - |
| Total Spots | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 82.0 |
| **Ctrl 16** | Mean SI | 1.0 | 0.7 | 1.0 | 0.0 | 0.0 | 0.0 | 1.3 | 21.1 | - | - | - | - | - | - |
| Total Spots | 7.0 | 5.0 | 7.0 | 0.0 | 0.0 | 0.0 | 9.0 | 148.0 |
| **Ctrl 17** | Mean SI | 1.0 | - | - | - | - | - | - | 33.3 | - | - | - | - | - | - |
| Total Spots | 3.0 | - | - | - | - | - | - | 100.0 |
| **Ctrl 18** | Mean SI | 0.7 | - | - | - | - | - | - | 43.3 | - | - | - | - | - | - |
| Total Spots | 2.0 | - | - | - | - | - | - | 130.0 |
| **T1D 1** | Mean SI | 0.0 | 0.3 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 14.0 | W | W | S | S | Neg | Neg |
| Total Spots | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 42.0 |
| **T1D 2** | Mean SI | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 11.0 | W | S | W | S | W | Neg |
| Total Spots | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 33.0 |
| **T1D 3** | Mean SI | 1.0 | 2.3 | 1.3 | 1.0 | 2.0 | 1.3 | 2.3 | 54.7 | S | W | W | S | W | W |
| Total Spots | 3.0 | 7.0 | 4.0 | 3.0 | 6.0 | 4.0 | 7.0 | 164.0 |
| **T1D 4** | Mean SI | 0.0 | 0.0 | 0.7 | 0.3 | 0.0 | 0.3 | 0.3 | 41.7 | W | Neg | S | Neg | Neg | W |
| Total Spots | 0.0 | 0.0 | 2.0 | 1.0 | 0.0 | 1.0 | 1.0 | 125.0 |
| **T1D 5** | Mean SI | 1.0 | 1.8 | 1.1 | 1.1 | 0.9 | 0.6 | 0.8 | 5.9 | W | W | W | S | S | Neg |
| Total Spots | 44.0 | 77.0 | 50.0 | 48.0 | 38.0 | 26.0 | 35.0 | 258.0 |
| **T1D6** | Mean SI | 0.3 | 0.0 | 0.0 | 0.3 | 0.0 | 0.3 | 0.7 | 3.7 | S | S | S | S | W | S |
| Total Spots | 1.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 | 2.0 | 11.0 |
| **T1D7** | Mean SI | 0.0 | - | - | - | - | - | - | 16.0 | W | - | S | S | S | Neg |
| Total Spots | 0.0 | - | - | - | - | - | - | 48.0 |
| **T1D8** | Mean SI | 0.3 | - | - | - | - | - | - | 3.7 | - | - | - | - | - | - |
| Total Spots | 1.0 | - | - | - | - | - | - | 11.0 |
| **T1D9** | Mean SI | 1.0 | 0.2 | 0.1 | 0.8 | 0.5 | 0.9 | 1.0 | 12.0 | Neg | S | S | S | S | W |
| Total Spots | 10.0 | 2.0 | 1.0 | 8.0 | 5.0 | 9.0 | 10.0 | 120.0 |
| **T1D 10** | Mean SI | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 107.7 | W | S | W | S | Neg | W |
| Total Spots | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 323.0 |
| **T1D 11** | Mean SI | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.3 | 59.3 | Neg | S | S | S | W | Neg |
| Total Spots | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 1.0 | 178.0 |
| **T1D 12** | Mean SI | 0.3 | - | - | - | - | - | - | 4.7 | W | W | S | S | W | Neg |
| Total Spots | 1.0 | - | - | - | - | - | - | 14.0 |
| **T1D 13** | Mean SI | 1.0 | 0.3 | 1.0 | 0.7 | 0.3 | 1.7 | 0.0 | 112.0 | W | S | S | S | S | W |
| Total Spots | 3.0 | 1.0 | 3.0 | 2.0 | 1.0 | 5.0 | 0.0 | 336.0 |
| **T1D 14** | Mean SI | 0.3 | 0.7 | 0.3 | 0.7 | 1.3 | 0.3 | 0.7 | 12.7 | - | - | - | - | - | - |
| Total Spots | 1.0 | 2.0 | 1.0 | 2.0 | 4.0 | 1.0 | 2.0 | 38.0 |
| **T1D 15** | Mean SI | 1.0 | - | - | - | - | - | - | 15.3 | S | S | S | S | W | W |
| Total Spots | 3.0 | - | - | - | - | - | - | 46.0 |
| **T1D 16** | Mean SI | 0.3 | - | - | - | - | - | - | 29.3 | S | Neg | S | S | S | S |
| Total Spots | 1.0 | - | - | - | - | - | - | 88.0 |