Bioprospection and selection of peptides by phage display as novel epitope-based diagnostic probes for serological detection of HTLV-1 and use in future vaccines

**Supplementary Material**

Table S1- Characteristics of HTLV-1 patients from the state of Pará, Brazil who participated in this study.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Patient** | **Sex** | **Age** | **Infection Time**  **(years)** | **Clinical Manifestation** | **Laboratory Diagnosis** |
| 1 | F | 68 | 12 | HAM/TSP\* | ELISA/WB\*\* |
| 2 | F | 72 | 9 | Adult T cell lymphoma | ELISA/WB\*\* |
| 3 | M | 28 | 5 | asymptomatic | ELISA/qPCR |
| 4 | F | 55 | 15 | HAM/TSP | ELISA/WB\*\* |
| 5 | M | 37 | 8 | asymptomatic | ELISA/WB\*\* |
| 6 | F | 31 | 6 | asymptomatic | ELISA/qPCR |
| 7 | F | 58 | 13 | HAM/TSP | ELISA/WB\*\* |
| 8 | F | 49 | 9 | asymptomatic | ELISA/WB\*\* |
| 9 | F | 61 | 10 | Rheumatic disease | ELISA/WB\*\* |
| 10 | M | 27 | 4 | asymptomatic | ELISA/qPCR |

\* HTLV-1-associated myelopathy/Tropical Spastic Paraparesis; \*\* Western Blot