**Table S1: Titres of viruses obtained in the passage series of PP1 on Vero cells (A) and PP2 on B-LCL cells (B).**

(A) Passages of MuV-G09 and rMuV-G09 PP1 on Vero cells.

|  |  |  |
| --- | --- | --- |
| Passage |  MuV-G09 |  rMuV-G09- PP1 |
| hpi | Titre  | Comment  | hpi | Titre | Comment  |
| P0# | - | 4.2x104 | 4 | - | 4.3x104 | 2 |
| P1 | 50 | 7.5x104 | 4 | 50 | 1.7x105 | 2 |
| P2 | 47 | 1.3x105 | 4 | 51 | 1.9x105 | 2 |
| P3 | 47 | 2.0x105 | 4 | 47 | 2.4x105 | 2 |
|  |  |  |  |  |  |  |
| P3b | 50 | 2.0x105 | 4 | 50 | 3.0x105 | 2 |
| P4b | 48 | 7.6x104 | 4 | 48 | 2.9x105 | 4 |
| P5b | 80 | 7.0x103 | 2 | 80 | 8.2x104 | 4 |
| P6b | 72 | 1.5x106 | 1,2,3  | 72 | 1.2x106 | 1,3,4 |
|  |  |  |  |  |  |  |
| P3c | 58 | 2.4x106 | 4,3 | 58 | 2.0x104 | 2 |
| P4c | 48 | 4.0x106 | 4 | 72 | 5.0x104 | 2 |
| P5c | 48 | 1.9x106 | 2 | 48 | 2.8x106 | 4 |
| P6c | 47 | 5.0x105 | 2 | 47 | 3.4x106 | 4 |

# P0 is the fourth passage after rescue i.e. the first of which the sequence was determined. Two series of passages were made after passage 3 in order to determine whether they varied.

Comments

1: no cpe observed at harvesting

2: small plaques

3: interference prevented plaque formation at lower dilutions

4: normal size plaques

(B) Passages\* of MuVG09(or) and rMuVG09EGFP PP2 on B-LCL cells

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Passage # | Time of harvest dpi | Titre G09 | Titre PP2 | Comments |
| P1 | - | 4.6 x 103 |  1.0 x 102 | PP2 small plaques |
| P2 | 5 | 1.3 x 104 |  3.0 x 102 | PP2 small plaques  |
| P3 | 5 | 1.3 x 105 |  1.1 x 103 | PP2 small plaques |
| P4 | 4 | 1.0 x 105 |  3.0 x 103 | PP2 normal plaques |
| P5 | 3 | 3.0 x 105 |  1.2 x 105 | PP2 normal plaques |
| P6 | 2 | 2.0 x 105 |  2.0 x 105 | PP2 normal plaques |

Titres determined by p.f.u./ml on Vero cells

\*A passage is defined by removing 80% of the infected cell volume (6 ml) and adding 80% of uninfected cells (6 ml of fully grown B-LCL cells) back into the vessel.