S4 Table: Clinical parameters from the study shown in Fig 3, challenge with SUDV 1000 pfu

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Treatment group** | **NHP number** | **Day of death** | **Viral load1** | **Petechial rash** | **Change from baseline Day 02** |
| **Temperature** | **ALT** | **Granulocytes** | **PT** | **aPTT** |
| **Ad26/Ad35 trivalent** | 32239 | survived | − | − | ↓(7) | ↓(28) | ↑↑, ↑, ↑↑, ↑↑, ↑↑, ↑↑(3, 5, 7, 10, 14, 21) | − | ↓(7) |
| 32236 | survived | − | − | − | ↓(29) | ↓, ↑↑,↑(3, 7, 29) | − | − |
|  | 32240 | survived | − | − | ↑↑(21) | − | ↓, ↑↑(5, 7) | − | − |
|  | 32242 | 9 | −a | + | ↑↑, ↑↑↑, ↑↑(5, 7, 9) | ↑,↑↑(7, 9) | ↑↑, ↑↑, ↑↑(3, 5, 7) | − | ↑↑,↑↑(7, 9) |
| **Ad26/Ad26 trivalent** | 32237 | survived | − | − | − | − | ↑↑, ↑, ↑↑(7, 10, 29) | ↓, ↓(10, 21) | ↓↓(21) |
| 32235 | survived | − | − | ↓↓↓ (5) | − | ↑ (21) | − | ↑↑(5) |
|  | 32234 | survived | − | − | ↑ (7) | − | ↑↑, ↑↑, ↑↑, ↑, ↑↑(3, 5, 7, 10, 14) | ↓↓(7) | − |
|  | 32241 | 8 | 2.18x107 | + | ↑↑, ↑(5, 7) | ↓, ↑(5, 8) | ↑↑,↑↑(3, 5) | ↑↑(8) | ↑↑,↑↑(7, 8) |
| **Ad5.SUDV** | 32244 | survived | − | − | − | − | ↑↑, ↑↑, ↑↑, ↑↑(5, 7, 21, 28) | − | ↓, ↓↓ (10, 21) |
| 32300 | 10 | −a | − | ↑↑, ↑↑↑, ↑↑(5, 7, 10) | ↓, ↑(7, 10) | ↑↑, ↑↑(5, 7) | − | ↑ (10) |
| **empty** | 32245 | 8 | 1.35x107 | + | ↑, ↑↑↑, ↑↑↑(5, 7, 8) | ↑(6) | ↑↑, ↑↑, ↑↑(3, 5, 7) | ↑, ↑↑, ↑(5, 7, 8) | ↑, ↑↑, ↑↑, ↑↑(3, 5, 7, 8) |
|  | 32243 | 6 | 3.08x106 | + | ↑↑↑(6) | − | ↑↑, ↑↑(3, 5) | ↑↑(5) | ↑↑(5) |
| 1 Viral load measured in serum, in plaque forming units (PFU)/mL, from sample taken on NHP last study day. a viral load was detected in internal organs. Survivors did not have measurable viral load at any timepoint. 2 The day of the clinical finding is shown in parentheses, days after SUDV challenge. Sampling times were day 0 (baseline), 3, 5, 7, 10, 14 and 28 post challenge, and on the day of euthanasia for non-survivors. Petechia was scored at least twice daily.− Negative or no change from baseline.Rectal temperature, increase or decrease from baseline: ↑, ↓ >2°F, ↑↑, ↓↓ >3°F, ↑↑↑, ↓↓↓ >4°F. Alanine aminotransferase (ALT), fold increase from baseline: ↑ 2 to 3 fold, ↑↑ 4 to 5 fold, ↑↑↑ 6 fold or more. Granulocyte counts, percentage change from baseline: ↑, ↓ 50%-100%, ↑↑ 101%+. Prothrombin time (PT), percentage change from baseline: ↑, ↓ 30%-49%, ↓↓,↑↑ 50%+. Activated partial thromboplastin time (aPTT), percentage change from baseline: ↑, ↓ 30%-49%, ↓↓,↑↑ 50%+ |