

SUPPLEMENTARY TABLE S1. CLINICAL PARAMETERS OF 21 RHESUS MACAQUES INCLUDED IN THE STUDY

| | <i>Gender</i> | <i>Age at infection (years)</i> | <i>Weight at infection (kg)</i> | <i>BL blood pressure (mmHg)</i> | <i>Chronic CD4 T cell count (cells/μL)</i> | <i>Viral set point (copies/mL)</i> | <i>Peak viral load (copies/mL)</i> | <i>Baseline RVSP (mmHg)</i> | <i>Peak RVSP (mmHg)</i> |
|-------------------------|---|---------------------------------|---------------------------------|---------------------------------|---|---|--|-----------------------------|-------------------------|
| NHP (PAH-) | | | | | | | | | |
| 2,913 | Female | 4.74 | 6 | 110/50 | 730.95 | 2.75×10^5 | 3.20×10^6 | 19.66 | 34.65 |
| 3,013 | Female | 6.13 | 7 | 110/60 | 329.77 | 6.70×10^4 | 2.00×10^7 | 30.23 | 30.23 |
| 3,113 | Female | 6.67 | 5 | 100/75 | 885.81 | 1.17×10^7 | 3.60×10^8 | 25.30 | 30.87 |
| 3,513 | Female | 4.73 | 7.4 | 110/60 | 274.05 | 3.54×10^5 | 1.10×10^8 | 21.02 | 35.62 |
| 3,613 | Female | 4.72 | 7 | 110/70 | 312.18 | 2.68×10^6 | 1.40×10^7 | 26.99 | 32.07 |
| 6,513 | Male | 5.78 | 11.8 | N/A ^a | 690.11 | 1.86×10^5 | 1.70×10^7 | 25.50 | 32.01 |
| 10,413 | Male | 5.80 | 8.8 | 110/75 | 397.09 | 1.17×10^7 | 1.20×10^8 | 28.60 | 31.51 |
| 10,713 | Male | 6.86 | 6.8 | 135/95 | 377.77 | 1.08×10^6 | 1.20×10^6 | 26.64 | 31.64 |
| 11,313 | Male | 5.79 | 8 | 140/80 | 679.10 | 2.19×10^2 | 1.00×10^7 | 34.99 | 34.99 |
| 11,413 | Male | 5.84 | 8.8 | 130/70 | 188.29 | 7.93×10^5 | 7.10×10^6 | 27.13 | 28.18 |
| Mean values (\pm SD) | Female <i>n</i> =5; male <i>n</i> =5 | 6.71 ± 0.77 | 7.66 ± 1.87 | $117/71 \pm 13.94/13.10$ | 486.51 ± 237.25 | $2.88 \times 10^6 \pm 4.17 \times 10^6$ | $6.63 \times 10^7 \pm 11.22 \times 10^7$ | 26.61 ± 4.35 | 32.18 ± 2.31 |
| NHP (PAH+) | | | | | | | | | |
| 17,511 | Male | 7.25 | 11.8 | 140/80 | 412.92 | 3.50×10^4 | 4.80×10^6 | 30.96 | 56.52 |
| 17,611 | Male | 7.06 | 10.8 | 120/70 | 127.99 | 1.05×10^6 | 1.10×10^7 | 22.19 | 37.85 |
| 18,011 | Male | 7.86 | 10.2 | 110/50 | 733.18 | 2.13×10^5 | 2.60×10^6 | 27.00 | 55.25 |
| 18,211 | Male | 8.25 | 12.4 | 160/100 | 371.84 | 1.28×10^6 | 1.00×10^7 | 19.91 | 48.34 |
| 18,311 | Male | 7.17 | 11.6 | N/A ^a | 442.54 | 9.54×10^5 | 7.30×10^6 | 26.95 | 41.45 |
| 2,813 | Female | 6.59 | 6.2 | 100/60 | 676.52 | 1.79×10^4 | 1.20×10^7 | 23.21 | 38.34 |
| 3,213 | Female | 5.30 | 6.4 | 110/70 | 296.94 | 2.06×10^6 | 2.40×10^7 | 28.05 | 42.00 |
| 3,313 | Female | 6.12 | 8 | 110/70 | 700.83 | 1.96×10^6 | 4.40×10^7 | 27.21 | 39.34 |
| 3,413 | Female | 4.90 | 5.4 | 120/65 | 439.67 | 5.87×10^5 | 3.90×10^7 | 18.42 | 52.56 |
| 10,613 | Male | 5.68 | 7.2 | 130/80 | 448.86 | 3.32×10^6 | 3.80×10^6 | 33.73 | 46.99 |
| 11,613 | Male | 5.90 | 7.4 | 130/80 | 446.93 | 2.15×10^6 | 1.20×10^8 | 32.51 | 39.59 |
| Mean values (\pm SD) | Female <i>n</i> =4; male <i>n</i> =7 | 6.55 ± 1.07 | 8.85 ± 2.55 | $123/73 \pm 17.67/13.59$ | 463.47 ± 180.89 | $1.24 \times 10^6 \pm 1.04 \times 10^6$ | $2.53 \times 10^7 \pm 3.44 \times 10^7$ | 26.38 ± 5.00 | 45.29 ± 6.98 |

BL, baseline; NHP, nonhuman primate; PAH, pulmonary arterial hypertension; RVSP, right ventricular systolic pressure; SD, standard deviation.

^aData not available.