## Supplementary Table S1

Table S1. ${ }^{89} \mathrm{Zr}$-oxine labeled cell doses infused to rhesus macaques.

| Cell types |  | Body weight (kg) | ${ }^{89}$ Zr-activity (kBq) | Cell number ( $\times 10^{6}$ ) | kBq/kg | $\begin{gathered} 10^{6} \\ \text { cells/kg } \end{gathered}$ | $\mathrm{kBq} / 10^{6}$ cells |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ex vivo expanded NK cells \#1 |  | 5.7 | 2331 | 140.0 | 408.9 | 22.8 | 17.9 |
| Ex vivo expanded NK cells \#2 |  | 6.2 | 1243 | 130.0 | 200.5 | 25.8 | 7.8 |
| Ex vivo expanded NK cells \#3 |  | 7.8 | 2590 | 170.0 | 334.2 | 21.9 | 15.2 |
|  | mean | 6.6 | 2055 | 146.7 | 314.6 | 23.5 | 13.6 |
|  | $\pm$ s.d. | $\pm 1.1$ | $\pm 715$ | $\pm 20.8$ | $\pm 106.0$ | $\pm 2.0$ | $\pm 5.3$ |
| Apoptotic NK cells |  | 5.3 | 276 | 18.4 | 52.0 | 3.5 | 15.0 |
| Non-expanded NK cells |  | 6.8 | 185 | 27.0 | 27.2 | 4.0 | 6.9 |
| HSPCs |  | 6.5 | 355 | 8.0 | 54.6 | 1.2 | 44.4 |
| All rhesus macaques | $\begin{aligned} & \text { mean } \\ & \pm \text { s.d. } \end{aligned}$ | $\begin{array}{r} 6.4 \\ \pm 0.9 \end{array}$ |  |  |  |  |  |

