**Figure 3-source data 1.** Values of the fraction of protected cells in transplant product , dose or number of HSPCs in transplant product and time of transplantation of each animal for model fitting and projections. We assumed animal weight of 5Kg.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Group** | **ID** |  | **(HSPCs/Kg)** | **(weeks after challenge)** |
| Control | Z09087 | 0 | 0 | N/A |
| Z09106 | 0 | 0 | N/A |
| Z09192 | 0 | 0 | N/A |
| Z09204 | 0 | 0 | N/A |
| A11201 | 0 | 0 | N/A |
| Wild-type transplantation | Z09144 | 0 | 6.45e6 | 55 |
| Z08214 | 0 | 4.14e6 | 58 |
| A11200 | 0 | 2.08e6 | 56 |
| Z09196 | 0 | 2.39e6 | 57 |
| Z09125 | 0 | 6.28e6 | 61 |
| ΔCCR5 transplantation | A11219 | 33 | 1.06e7 | 56 |
| T10187 | 27 | 6e6 | 57 |
| R10159 | 56 | 6.7e6 | 59 |
| T10173 | 30 | 1.48e7 | 59 |
| Z11151 | 60 | 1.2e7 | 63 |
| Z12420 | 54 | 4.82e6 | 63 |
| R10155 | 43 | 6e6 | 54 |
| Z12216 | 56 | 6.2e6 | 59 |
| Z12037 | 30 | 8.25e6 | 58 |
| Z12351 | 51 | 2.3e6 | 59 |
| Z13133 | 48 | 6e6 | 55 |
| Z12417 | 44 | 6e6 | 57 |