**Table S1.** The design of the experiment.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Days** | **-1** | **1** | **15** | **29** | **49** | **50** | **110** | **111** |
| Group formation |  |  |  |  |  |  |  |  |
| Subcutaneous administration of methylated bovine serum albumin (mBSA) and Freunds complete adjuvant |  |  |  |  |  |  |  |  |
| Intra-articular injection of mBSA |  |  |  |  |  |  |  |  |
| Immunosuppression |  |  |  |  |  |  |  |  |
| Intra-articular injection of samples |  |  |  |  |  |  |  |  |
| Blood test |  |  |  |  |  |  |  |  |
| X-ray examination |  |  |  |  |  |  |  |  |
| Euthanasia |  |  |  |  |  |  |  |  |