

Supplementary Materials for

Prevention and treatment of autoimmune diseases with plant virus nanoparticles

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Figs. S1 and S2

Supplementary Materials

S1 Statistical comparison between the survival curves of NOD mice treated groups. In the table the p-values resulting from the pairwise comparison of the survival

Supplementary Figure 1

| Comparison between | | p |
|--------------------|--------------|-------|
| p524 15 aa | p524 18 aa | 0.364 |
| | CPMV wt | 0.551 |
| | CPMV p524 1t | 0.227 |
| | CPMV p524 2t | 0.008 |
| p524 18 aa | CPMV wt | 0.109 |
| | CPMV p524 1t | 0.052 |
| | CPMV p524 2t | 0,001 |
| CPMV wt | CPMV p524 1t | 0.398 |
| | CPMV p524 2t | 0.04 |
| CPMV p524 1t | CPMV p524 2t | 0.294 |

S2 Parameters used to assess arthritis in the animal model.

Supplementary Figure 2

| Parameter 1* | |
|--|--------------|
| <i>Caliper measurement</i> | <i>Score</i> |
| 2,0-2,2 | 0 |
| 2,3-2,4 | 1 |
| 2,5-2,6 | 2 |
| 2,7-2,8 | 3 |
| >2,9 | 4 |
| | |
| Parameter 2 | |
| <i>Erythema</i> | <i>Score</i> |
| no | 0 |
| weak erythema on at least two legs | 1 |
| moderate erythema on at least two legs | 2 |
| strong erythema on at least two legs | 3 |
| strong erythema on more then two legs | 4 |
| | |
| Parameter 3 | |
| <i>Swelling of the fingers</i> | <i>Score</i> |
| no fingers swollen | 0 |
| one finger swollen | 1 |
| two fingers swollen | 2 |
| three fingers swollen | 3 |
| four or more fingers swollen | 4 |

* Two scores have been assigned for the two hind ankle and foots and then the values obtained were mediated.