



**Supplemental Figure S3:** Clinical conditions following peroral Aviguard® treatment of *C. coli* infected secondary abiotic IL-10<sup>-/-</sup> mice. Mice were infected with a *C. coli* patient isolate on day (d) 0 and d1 by gavage. On d2, d3 and d4 post-infection mice were perorally challenged with the commercial competitive exclusion product Aviguard® (white boxes) or received placebo (grey boxes). Immediately before and at defined time points after either peroral challenge, the clinical conditions of mice were quantitatively assessed applying standardized clinical scores (see methods). The box plots indicate the 25<sup>th</sup> and 75<sup>th</sup> percentiles of the medians (bar within boxes). The total ranges, the significance levels (p values) calculated by the Mann Whitney U test and the numbers of clinical score-positive mice out of the total number of analyzed animals (in parentheses) are indicated. Pooled data were derived from three independent experiments.