Figure S2. Increased dietary fat from animal source increases host susceptibility to oral infection with *Listeria monocytogenes* EDGe™ pIKM2. Ig inoculation of seven-week-old female C57BL/6 mice (ENVIGO, UK) was repeated in a separate duplicate experiment (n=8) using a 200μl inoculum comprising 2.8 × 10^9 CFU *L. monocytogenes* EGDm::pIMK2lux, a bioluminescent murinized strain. After infection (three days), the faecal pellets were collected daily and plated for CFU to determine shedding of *L. monocytogenes*. **A.** Bacterial burden of spleen, liver, lymph nodes and of C57BL/6 mice fed with diets varying in percentage of fat content from the total caloric intake (n=8, standard deviation from the mean, statistical analysis was conducted using Mann Whitney Nonparametric Test). **B.** *Listeria monocytogenes* bacterial shedding per gram of faecal sample in each day after infection. **C.** Comparison between the two trials (EGDe™ and pIKM2). Mann Whitney Nonparametric Test.