

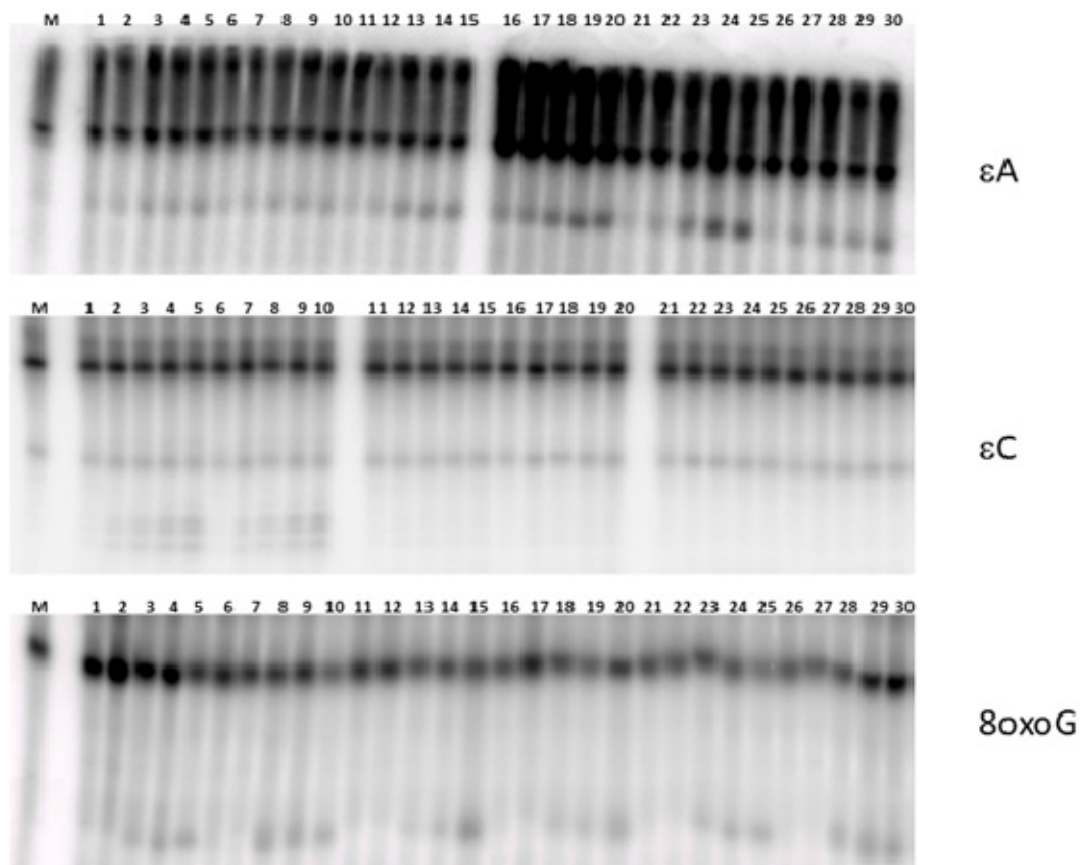


Figure S1. Example of polyacrylamide gels including analysed probes (newborn pigs treated with combination of oils fish or algae oil with nanoparticles and measured by nicking assay method). Samples marked from 1 to 6 after treatment sunflower oil, samples 7-12 were treatment nano algae, samples 13-18 were treatment nano fish mix, samples 19-24 were treatment algae oil, samples 25-30 were treatment fish oil.

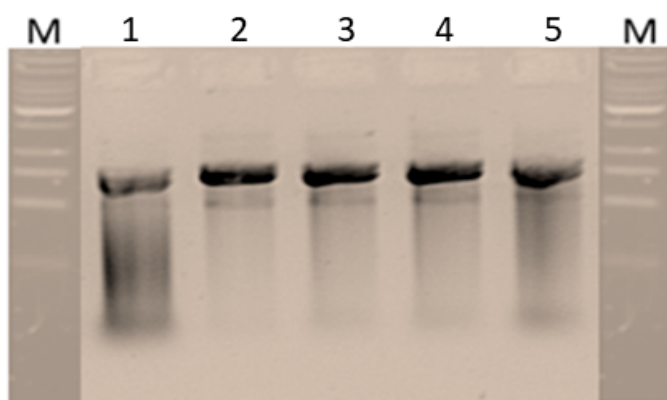


Figure S2. Example of agarose gels including analysed probes (newborn pigs treated with combination of oils fish or algae oil with nanoparticles and cleaved by Fpg enzyme). Samples marked from 1 to 5 1 treatment sunflower oil (as control), samples 2 were treatment nano algae, samples 3 were treatment nano fish mix, samples 4 were treatment algae oil, samples 5 were treatment fish oil.