

Supplementary Figure S2: *In vitro* gas production rates of CONT and CONT supplemented with different varieties and amounts of hop cones

CONT, A50, A100, A200, D50, D100 and D200 denote substrate (CONT) prepared for *in vitro* studies as a total mixed ration, incubated in the presence of hop varieties Aurora (A) and Dana (D), whose concentrations in the buffered rumen fluid represented a cow’s daily intake of 0, 50, 100 and 200 g of hop cones, respectively.