



Figure S1. Molecular weight analysis of purified fucoidan fractions. Molecular weight distribution of the seven fractions were evaluated using agarose gel electrophoresis with comparison of polysaccharide standard with defined molecular weights. MW 50-500 kDa (Dextran sulfate, D8906, Sigma), MW \approx 60 kDa (Chondroitin 6-sulfate, C4384, Sigma), MW \approx 50 kDa (Dextran sulfate, D8906, Sigma), and MW \approx 8 kDa (Dextran sulfate, D4911, Sigma). Fraction 1-7 (F1-F7)