



**Figure S1.**  $IC_{50}$  measurement of the inhibition of MERS RBD binding to heparin using solution competition SPR by seaweed-sourced sulfated glycans. (a, b) = heparin; (c, d) = RPI-28; (e, f) = RPI-27; (g, h) = RS.  $IC_{50}$  values were calculated using dose-response-inhibition equations in GraphPad Prism 9. Data showed as mean  $\pm$  SD.