

## S4 Fig. Chemotaxis of *C. elegans* in response to serum samples from control participants and patients with cancer.

Chemotaxis of wild-type *C. elegans* in responses to various dilutions ( $10^{-0}$ ,  $10^{-1}$ ,  $10^{-3}$  and  $10^{-5}$ ) of serum samples from control participants (c1, c2 and c3) and patients with cancer (p2, p5, p8, p17 and p18), n  $\geq$  5 assays. Characteristics of participants are shown in S1 Table.