Figure S1: AD12.1 reactive proteins evident in the free-living nematode, *C. elegans*. Whole worm lysates from N2 strain adult or dauer stages were resolved by SDS-PAGE and immunoblotted with AD12.1. Adult female soluble antigens from *B. malayi* (BmSOM) served as a positive control.
**Figure S2: Bm18019 is a putative mucin.** (A) Predicted amino acid sequence of Bm18019 with identifying mass spec peptides indicated. (B) Scaled schematic of the Bm18019 protein. The majority of the protein is comprised of 11 repeat elements depicted as gray boxes. The location of mass spec peptides and the peptide used for antibody production is denoted by black and red bars, respectively. (C) Alignment of Bm18019 repeat elements with serine and threonine residues highlighted in yellow and cyan, respectively.
**Figure S3. PNGase F positive control reaction.** One microgram of RNase B (New England Biolabs) was treated with PNGase F for one hour at 37°C as per the manufacturer's protocol. The cleavage products were resolved by SDS-PAGE and stained with InstantBlue.