



Figure S1. Oligomerisation and secretion of N+2TR+C MUC5AC protein by AGS cells. Recombinant protein was purified from cell lysates and cell supernatants by immunoprecipitation. Reduced (R) and non-reduced (NR) forms of purified mucin were separated on 3-8% TA gels, transferred to PVDF and probed with an anti-His antibody. Prolonged exposure of this blot was necessary to reveal detection of lower molecular weight cleavage products (100-120 kDa) that was readily detected when the samples were run on a 6% SDS PAGE gel (Figure 4A).