



**S3 Fig. EP and LP hCG samples contain Lewis<sup>x</sup> antigens.** Representative MALDI-TOF/TOF MS/MS spectra of the molecular ions found at (A, B)  $m/z$  3286 and (C, D) 3460 for the EP and LP-hCG1 samples respectively. Horizontal dashed lines correspond to indicated losses from the molecular ion  $[M+Na]^+$ . For (A and B), the fragment ion at  $m/z$  3080 corresponds to the elimination of a fucose residue from the molecular ion at  $m/z$  3286, indicative of a fucose residue being on the C3 of GlcNAc residue (Lewis-X). Similarly, for (C and D), the fragment ion at  $m/z$  3254, corresponds to the elimination of a fucose residue from the molecular ion at  $m/z$  3460.

