



- 5. N-glycopeptide identified in two independent samples
- 6. glycosite (same peptide, different N-glycan) required both HCD and ETD spectra
  - 7. Either HCD or ETD required if site previously determined

1110 *N*-glycopeptides 492 glycosites 56 *N*-glycan structures 324 proteins (Table S4)

Figure S2. Workflow outlining wildtype sample *N*-glycopeptide enrichment procedure and replicates detailing number of matches per sample and integration of data. Some biological replicates were analysed multiple times (technical repeats) using either HCD triggered ETD (HCD→ETD) and/or ETD only in an attempt to generate more ETD data and increase confidence of spectral matching. Sample WT\_Ros-2 generated fewer PSMs due to MS sensitivity issues.