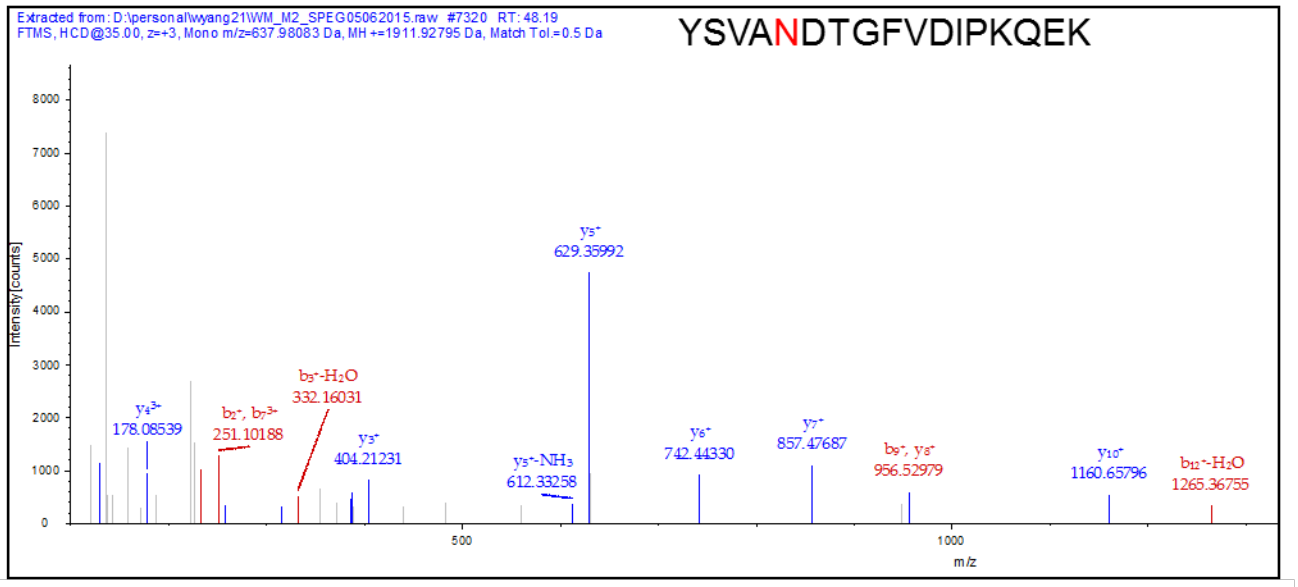
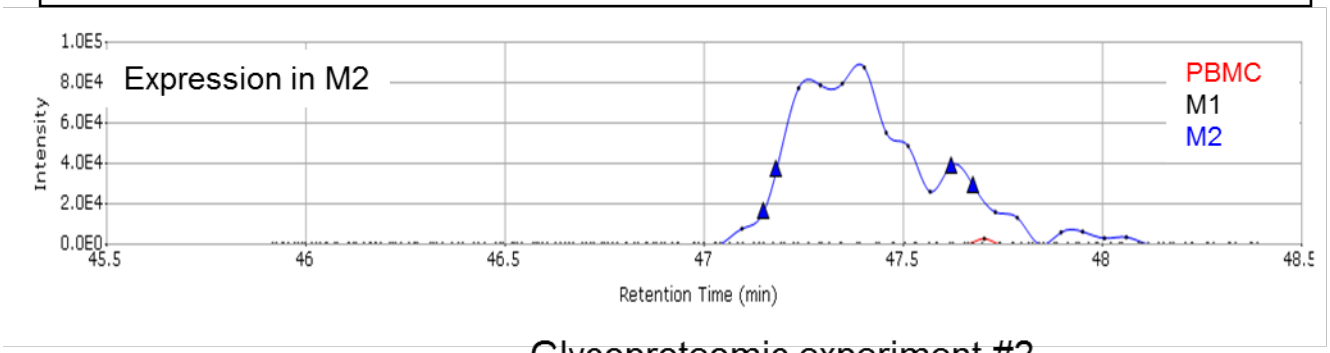
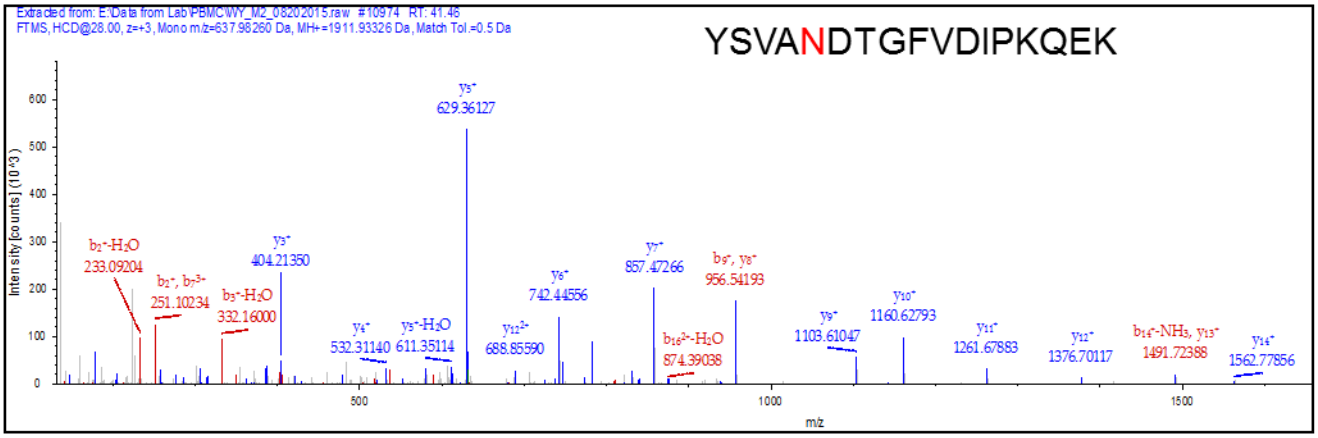
Cathepsin L1

Glycoproteomic experiment #1





Glycoproteomic experiment #2



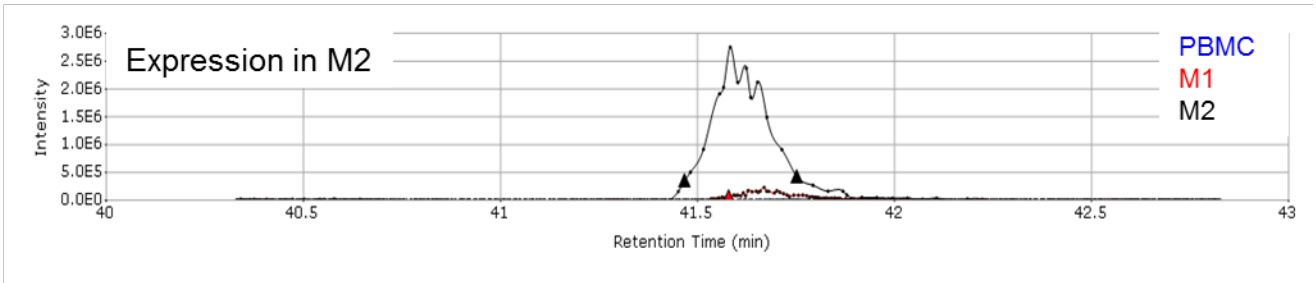
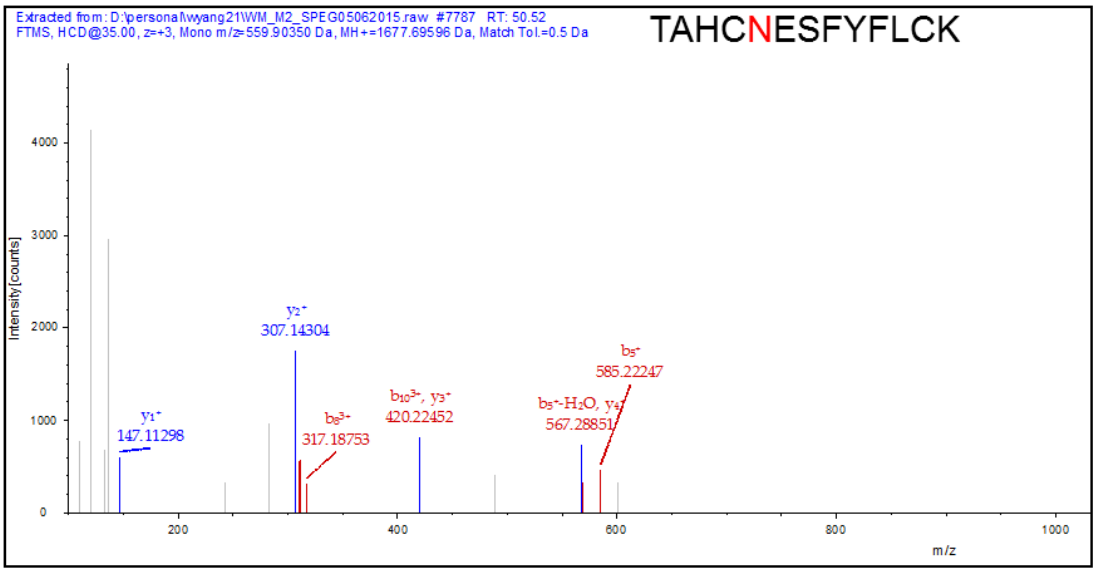
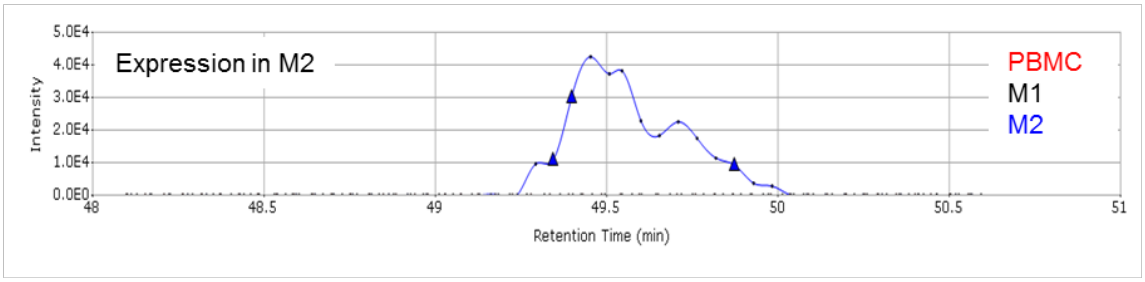


Figure S1. Differential expression of cathepsin L1 in the glycoproteomic experiments. In either glycoproteomic experiments, the MS/MS spectrum for peptide identification followed by label-free quantitation detecting precursor ions over retention time were shown.

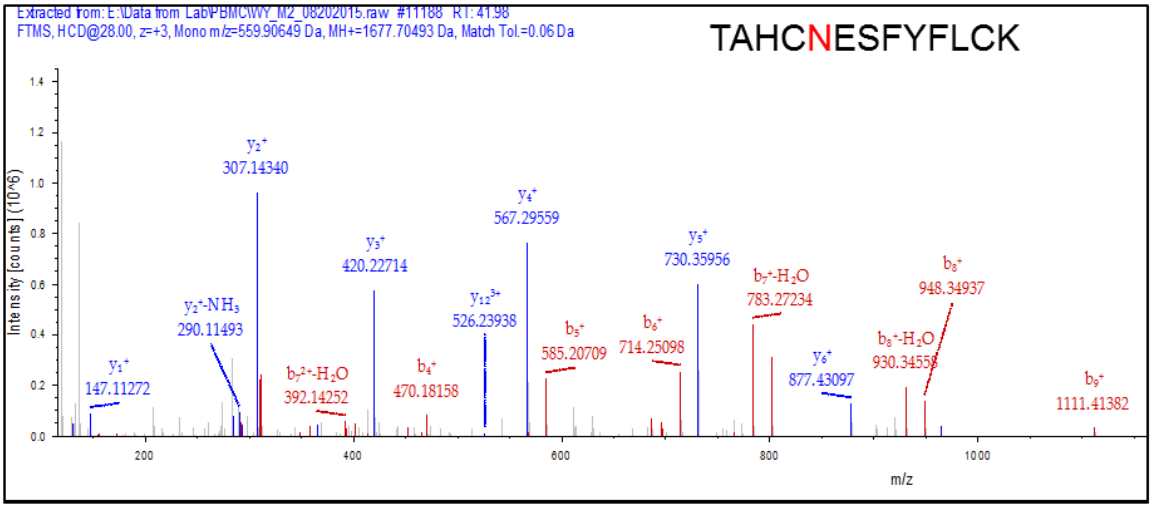
Macrophage mannose receptor 1 (CD206)

Glycoproteomic experiment #1





Glycoproteomic experiment #2



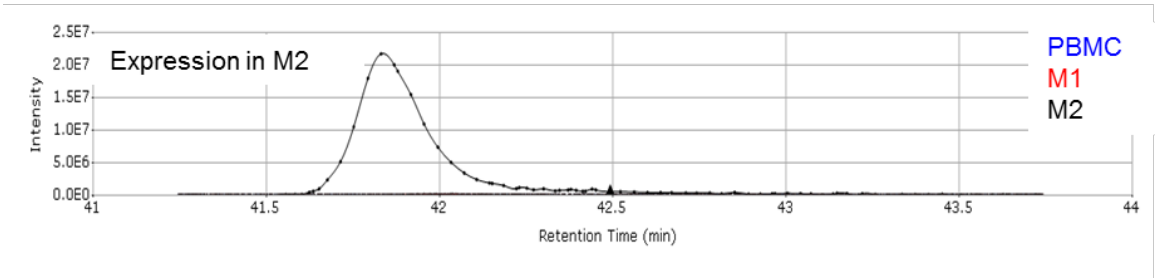
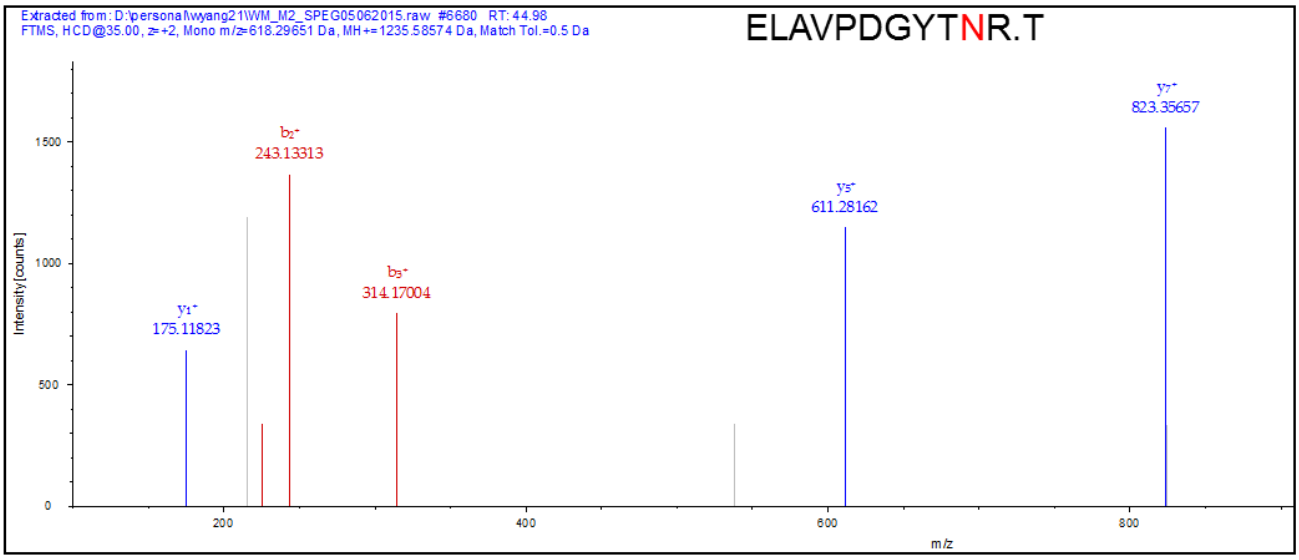
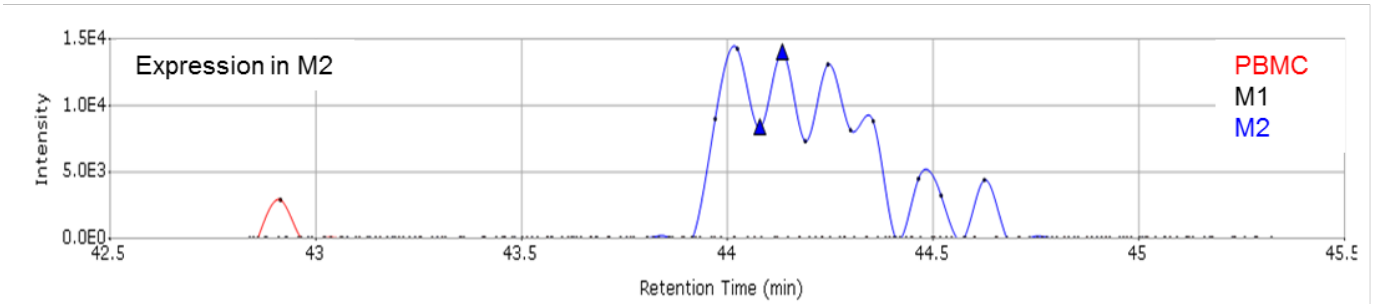


Figure S2. Differential expression of macrophage mannose receptor 1 (CD206) in the glycoproteomic experiments. In either glycoproteomic experiments, the MS/MS spectrum for peptide identification followed by label-free quantitation detecting precursor ions over retention time were shown.

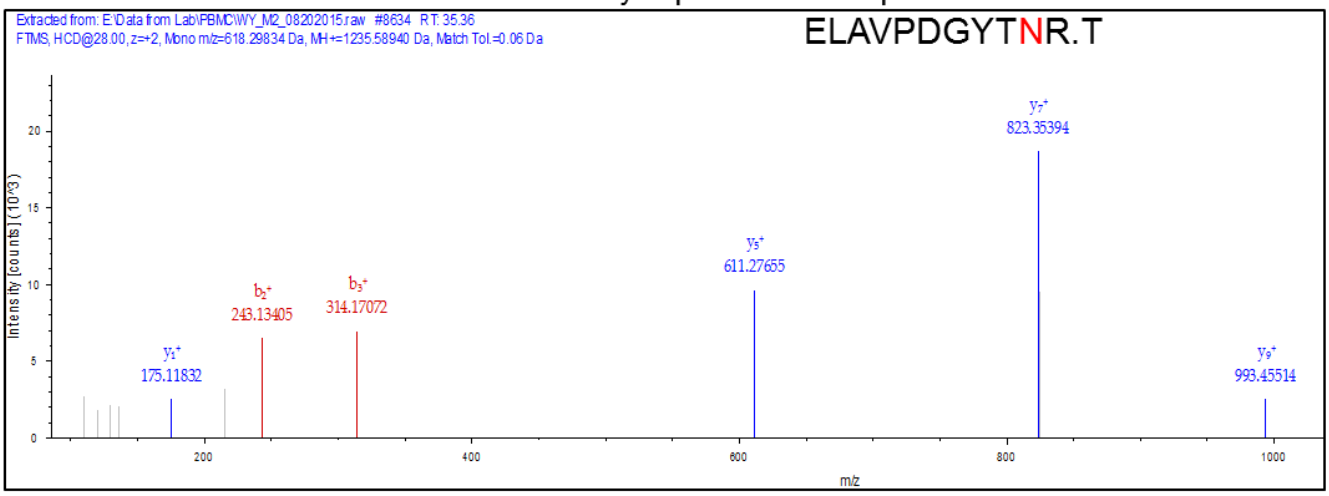
Integrin alpha 3

Glycoproteomic experiment #1





Glycoproteomic experiment #2



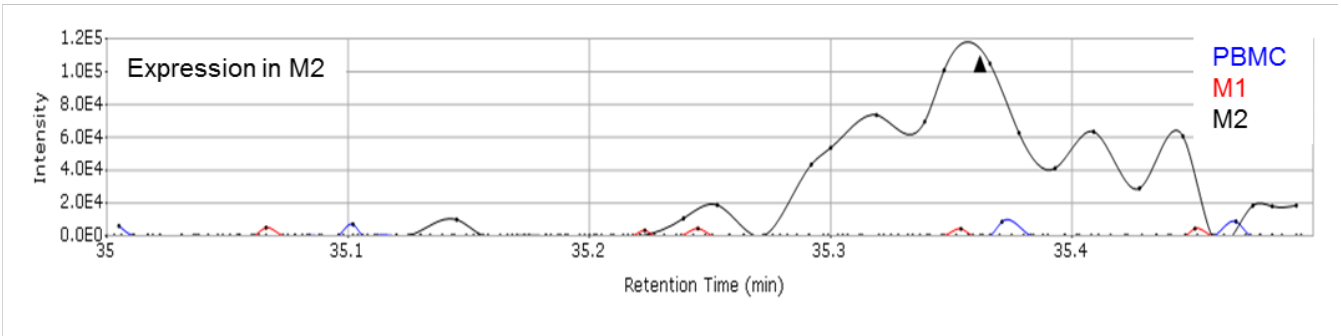
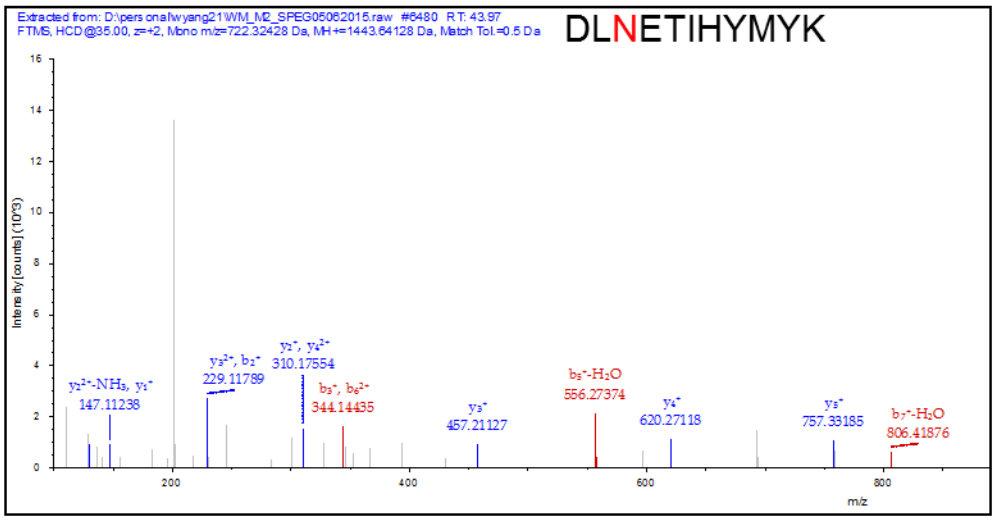
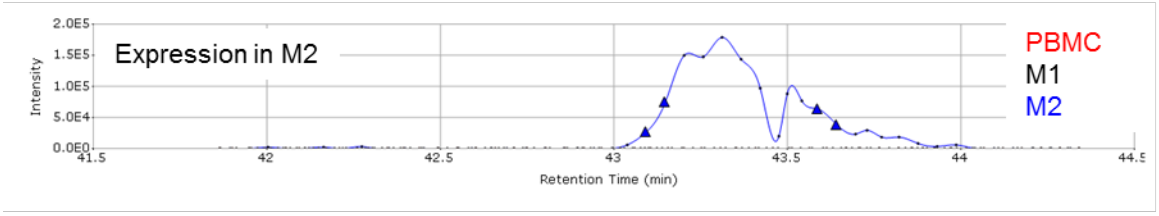


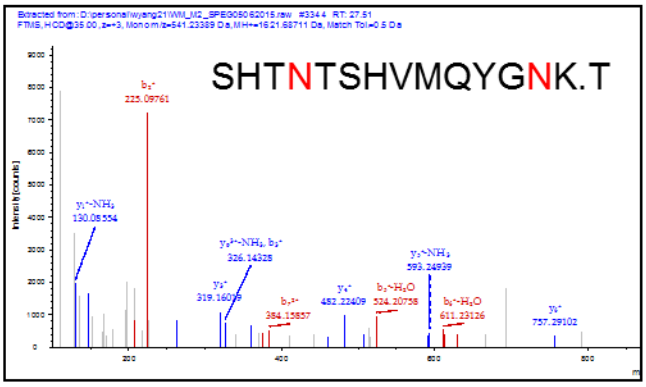
Figure S3. Differential expression of integrin alpha 3 in the glycoproteomic experiments. In either glycoproteomic experiments, the MS/MS spectrum for peptide identification followed by label-free quantitation detecting precursor ions over retention time were shown.

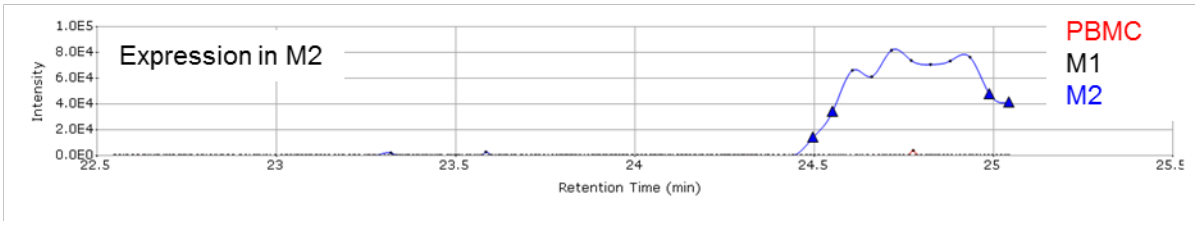
Legumain

Glycoproteomic experiment #1









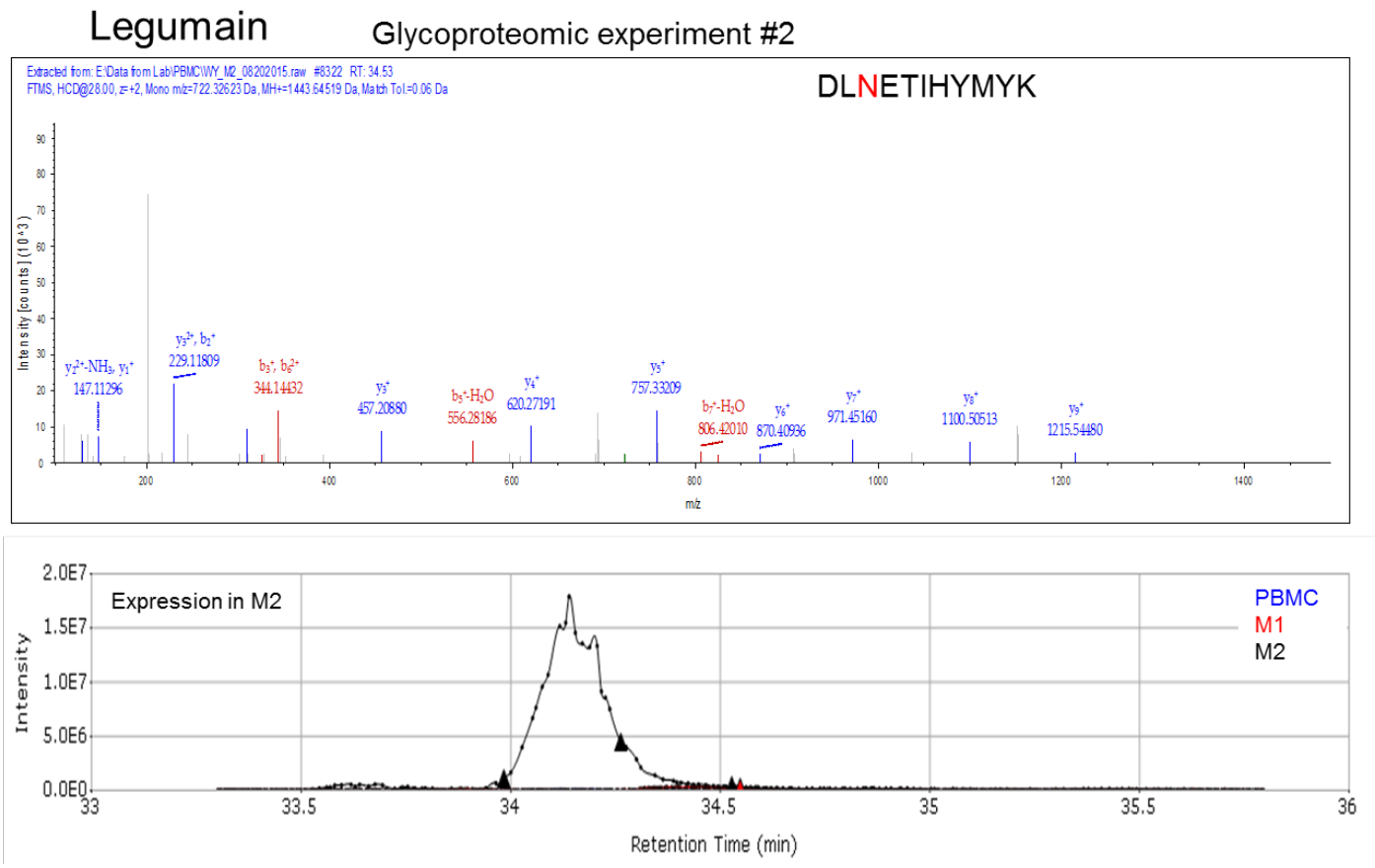
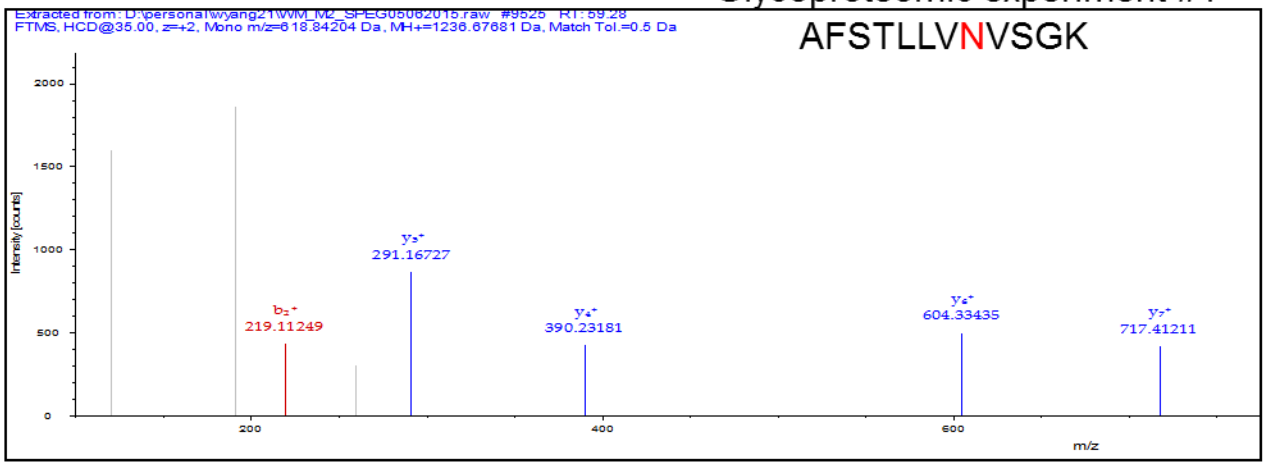
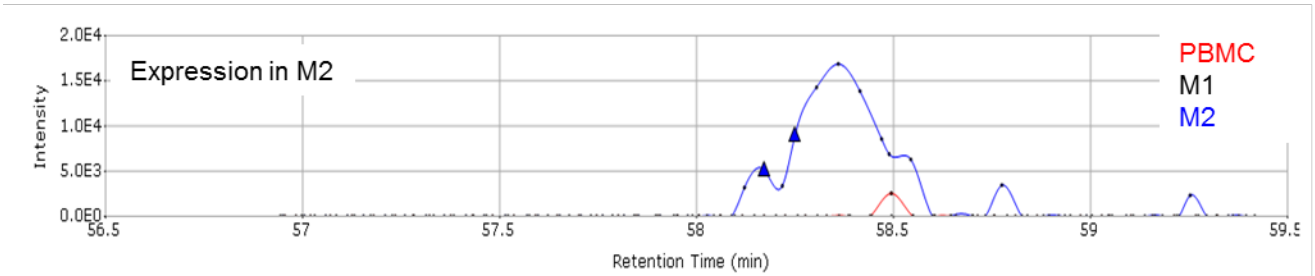


Figure S4. Differential expression of Legumain in the glycoproteomic experiments. In either glycoproteomic experiments, the MS/MS spectrum for peptide identification followed by label-free quantitation detecting precursor ions over retention time were shown.

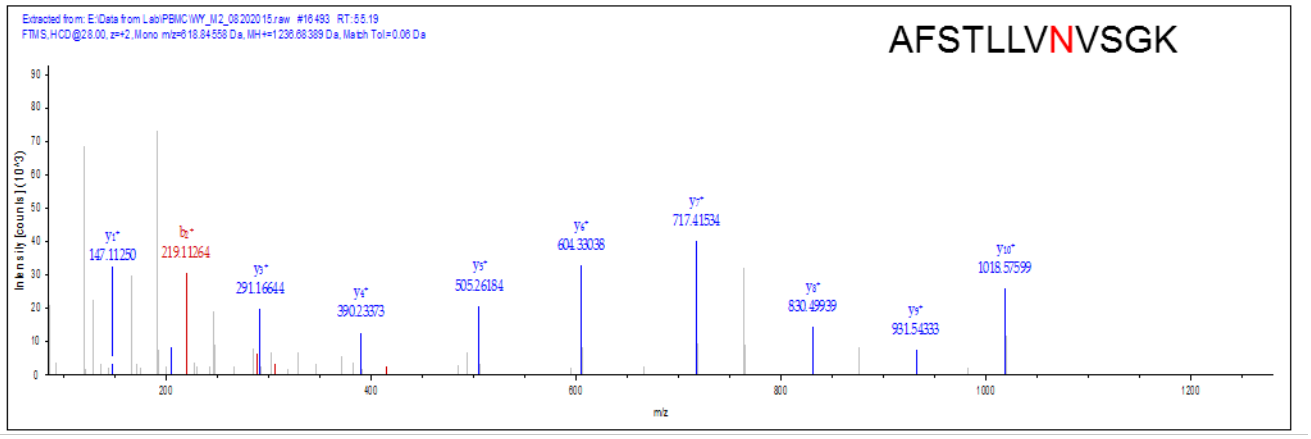
Sodium/hydrogen exchanger 7

Glycoproteomic experiment #1





Glycoproteomic experiment #2



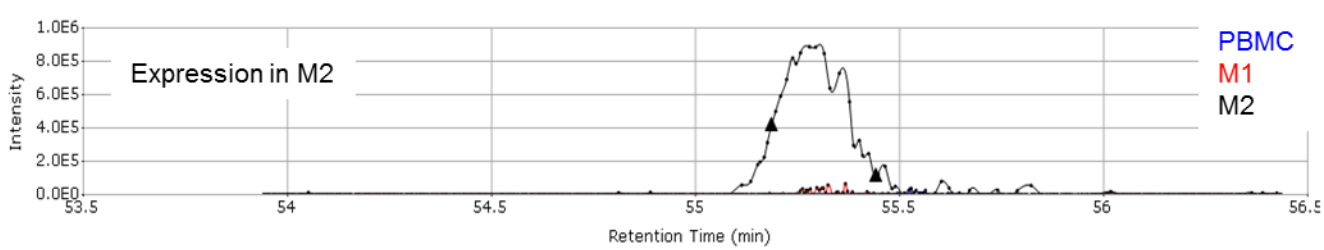
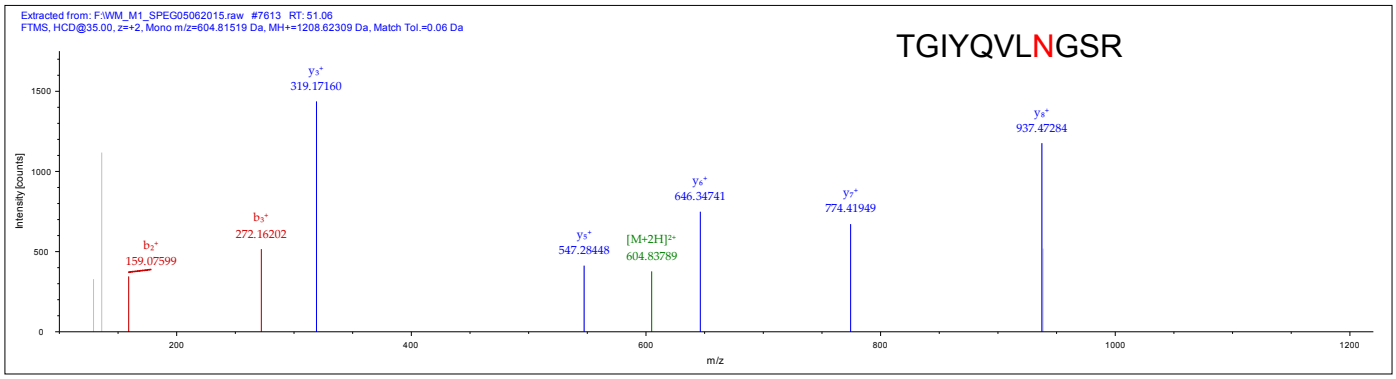
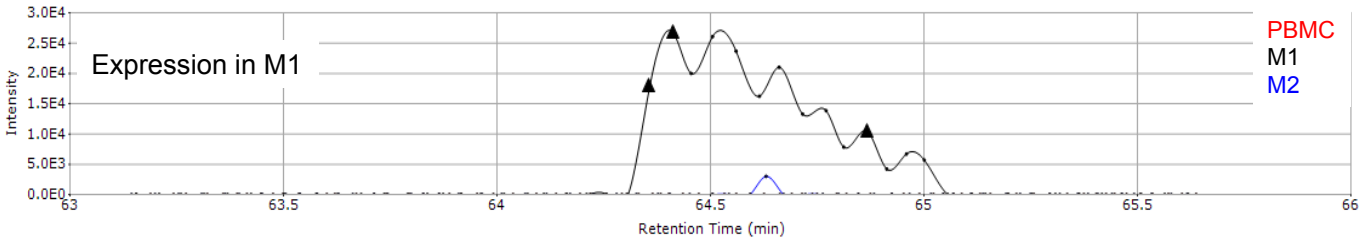


Figure S5. Differential expression of sodium/hydrogen exchanger 7 in the glycoproteomic experiments. In either glycoproteomic experiments, the MS/MS spectrum for peptide identification followed by label-free quantitation detecting precursor ions over retention time were shown.

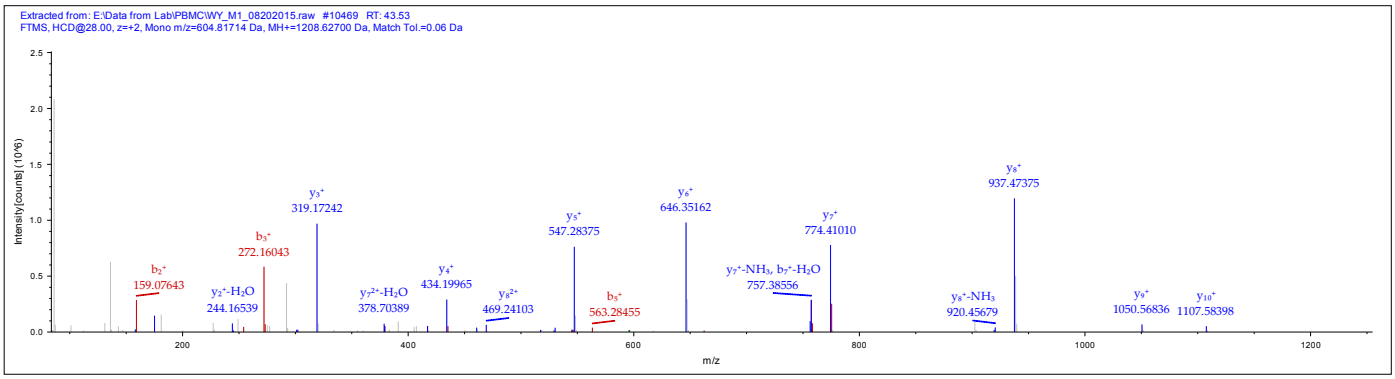
Lysosome associated membrane glycoprotein 3 precursor

Glycoproteomic experiment #1





Glycoproteomic experiment #2



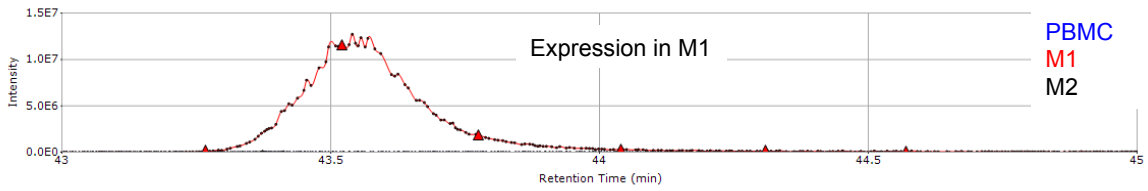
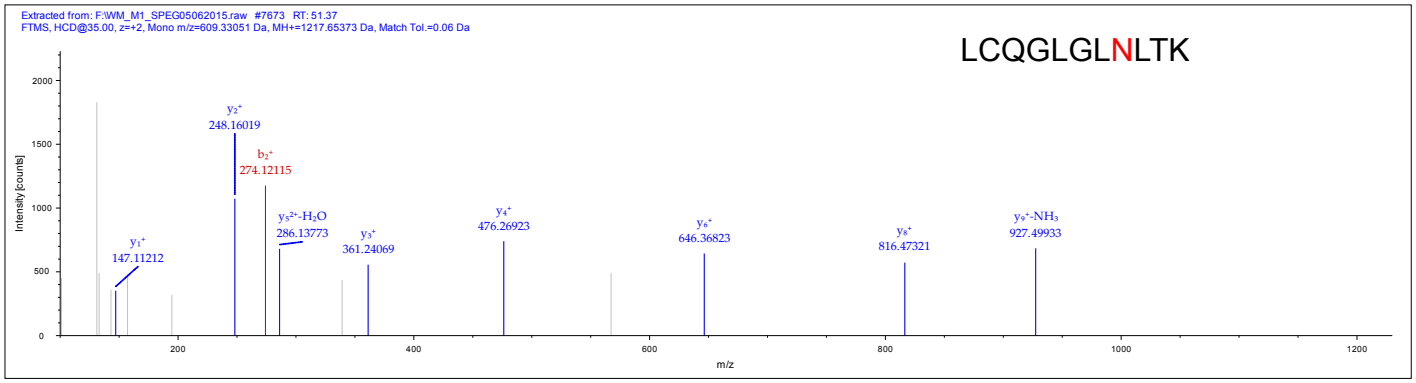
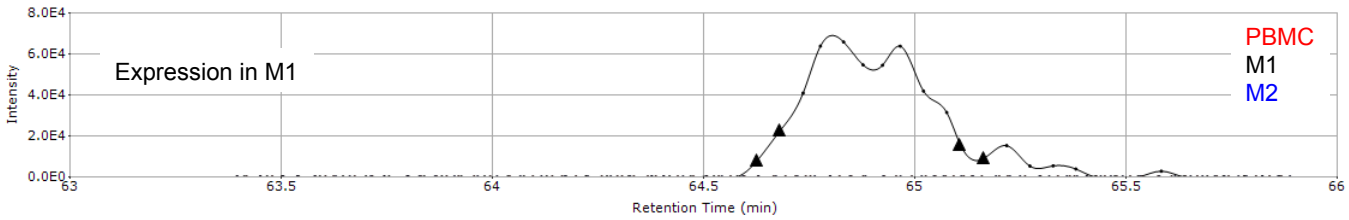


Figure S6. Differential expression of Lysosome associated member glycoprotein 3 in the glycoproteomic experiments. In either glycoproteomic experiments, the MS/MS spectrum for peptide identification followed by label-free quantitation detecting precursor ions over retention time were shown.

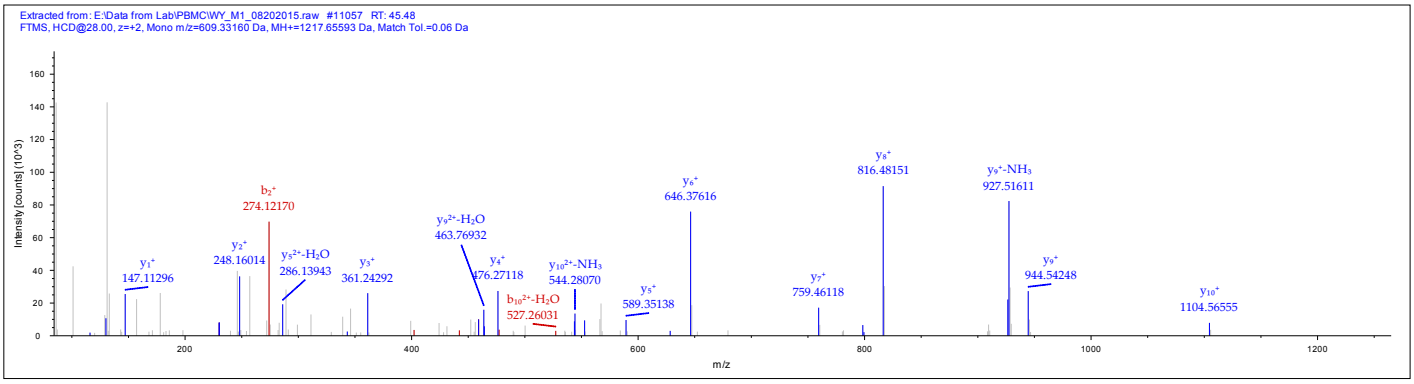
L amino acid oxidase isoform 1

Glycoproteomic experiment #1





Glycoproteomic experiment #2



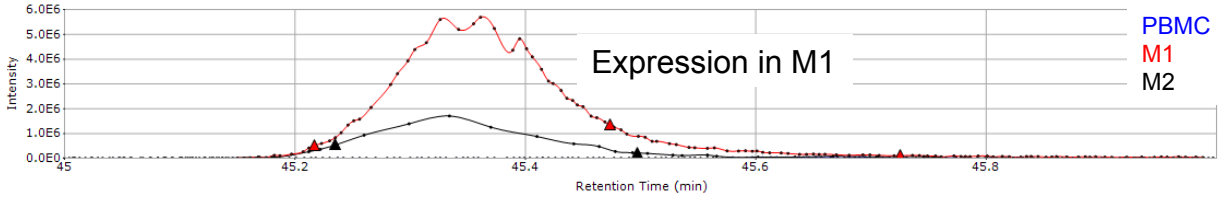
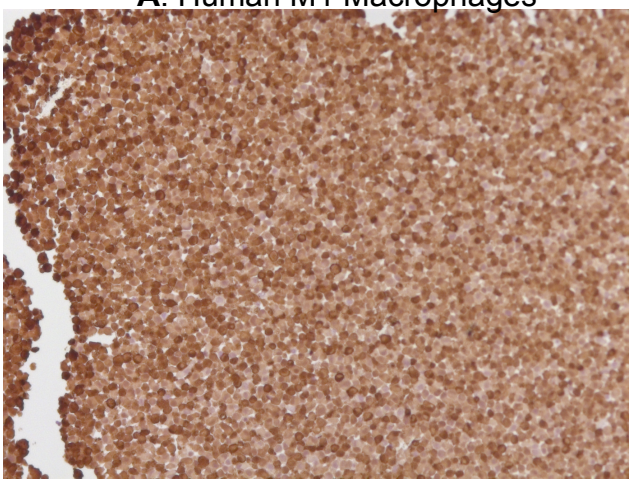


Figure S7. Differential expression of L amino acid oxidase isoform 1 in the glycoproteomic experiments. In either glycoproteomic experiments, the MS/MS spectrum for peptide identification followed by label-free quantitation detecting precursor ions over retention time were shown.

A. Human M1 Macrophages



B. Human mCRPC

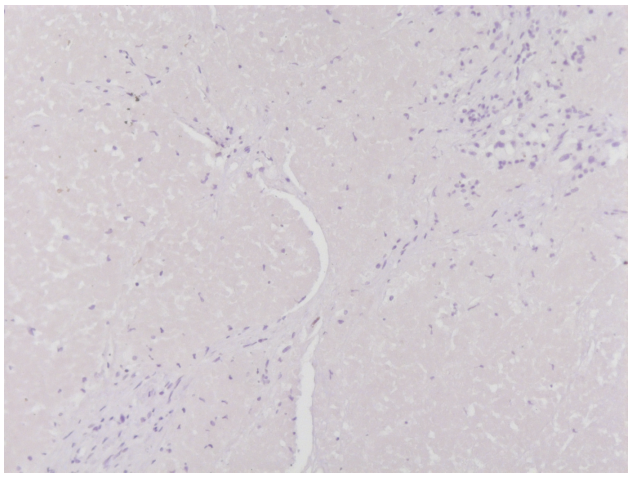


Figure S8. Indoleamine 2,3 (IDO1) staining of human M1 macrophages and mCRPC tissues. Tissue cell blocks of human M1 macrophages (**A**) and human mCRPC samples (**B**) were stained for IDO1, a known marker of M1 macrophages.