

Plasma

Step 1: Isolation of former N-linked glycopeptides

Solid Phase Extraction of Glycopeptides (SPEG)

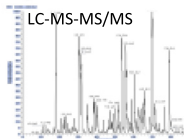


Step 2: Identification of glycoprotein of interest

LC-MS of pooled samples with or without HIV infection

Pool of HIV+

Pool of HIV-



✓ Glycoprotein1

✓ Glycoprotein2

+

Step 3: Proteomic semi-verification of glycoprotein of interest

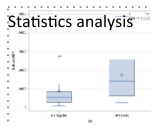
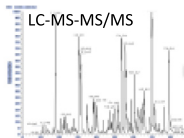
LC-MS of individual sample

Individual of HIV+

Individual of HIV+

Individual of HIV-

Individual of HIV-



✓✓ Glycoprotein1

✗ Glycoprotein2