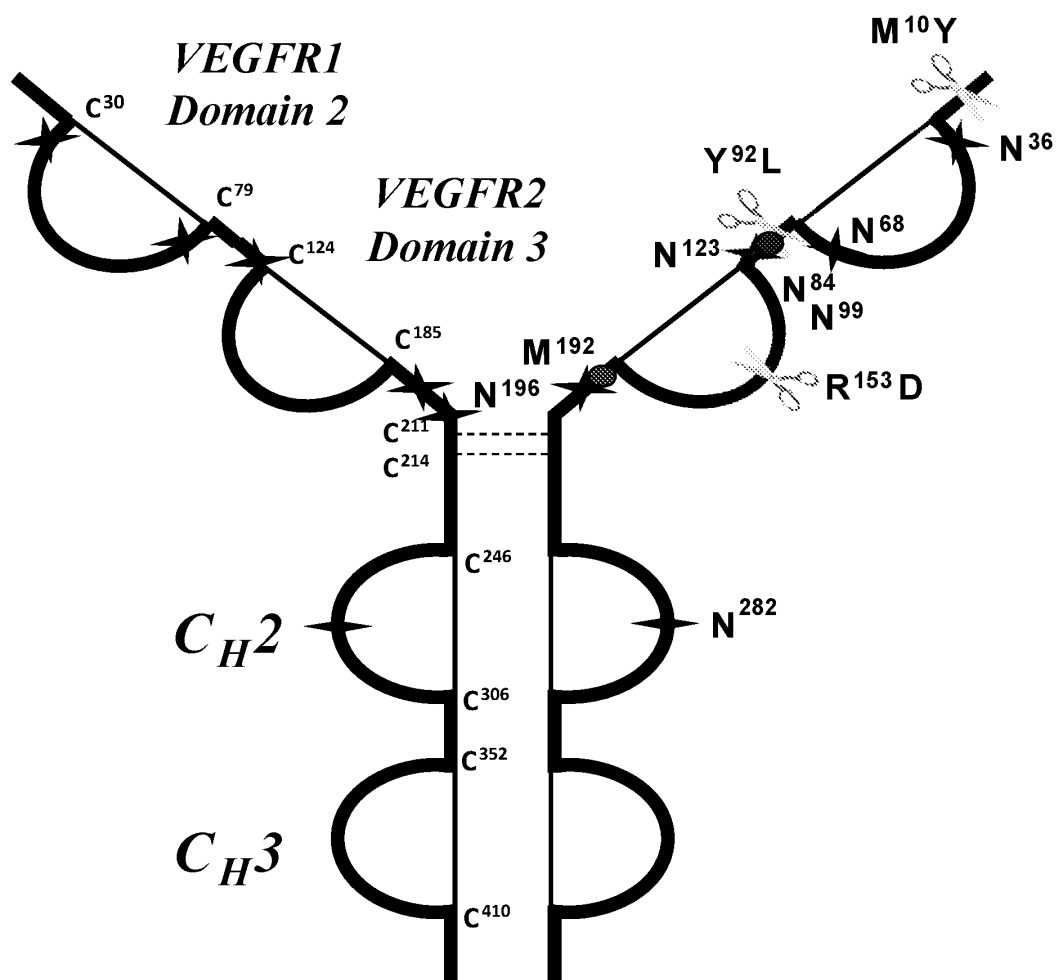


Figure 1

Clipping (M10Y, Y92L, R153D)

Deamidation (84, 99) ●

N-linked glycosylation (36, 68, 123, 196, 282) ★

Met Oxidation (10, 20, 192) ●

Intra-chain disulfide bond —————

Inter-chain disulfide bond - - - - -

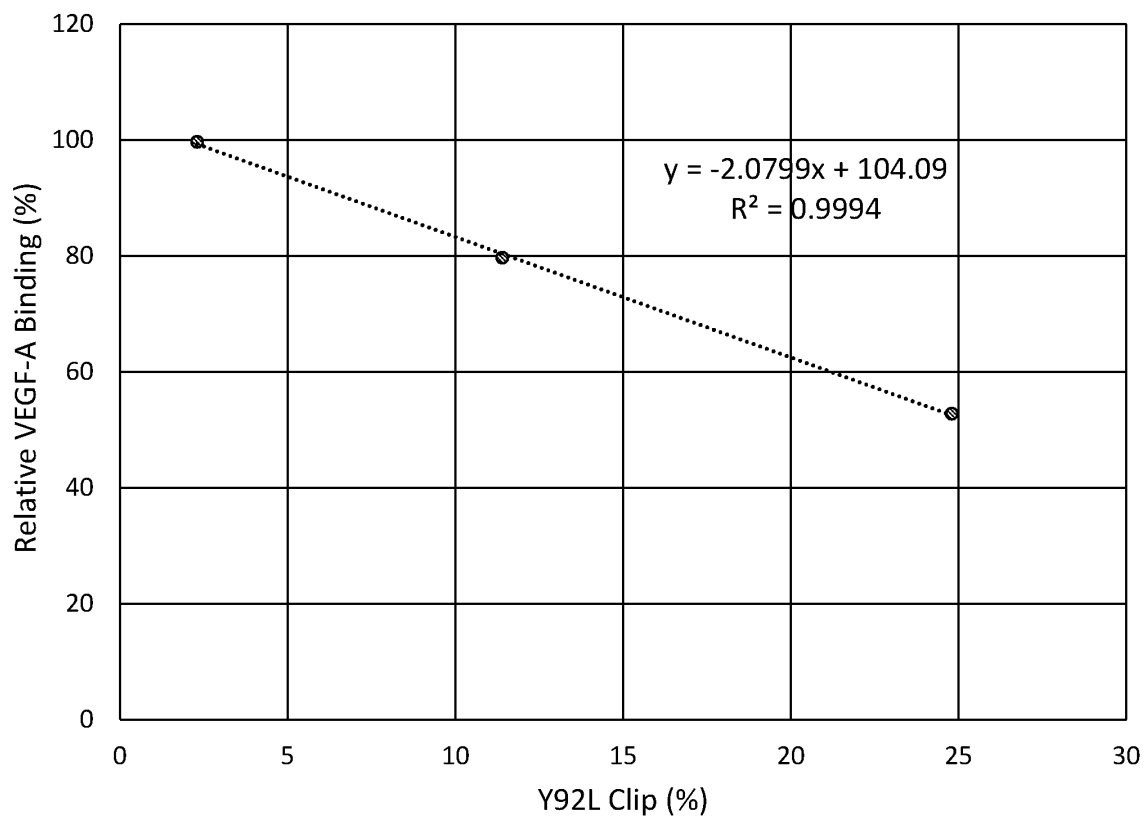
Figure 2

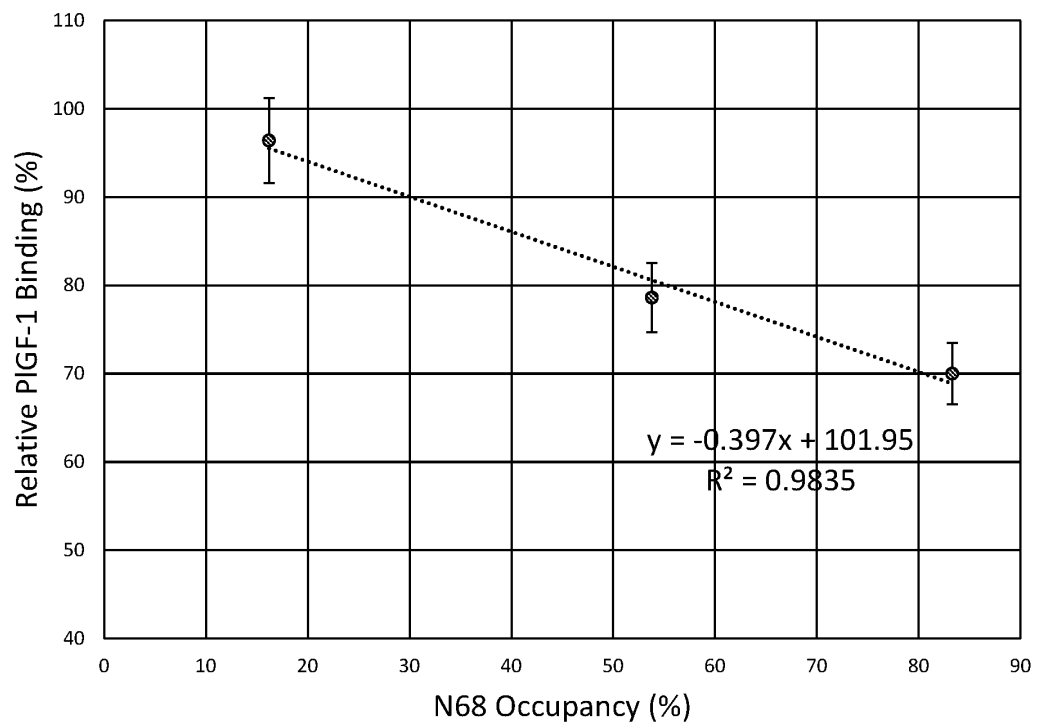
Figure 3

Figure 4**Process 1**

Fed Batch
Harvest
Protein A
Viral Inactivation
AEX
CEX
Viral Filtration
UF/DF
Final Filtration

Process 2

Fed Batch
Harvest
Protein A
Viral Inactivation
AEX
HIC
Viral Filtration
UF/DF
Final Filtration

Figure 5

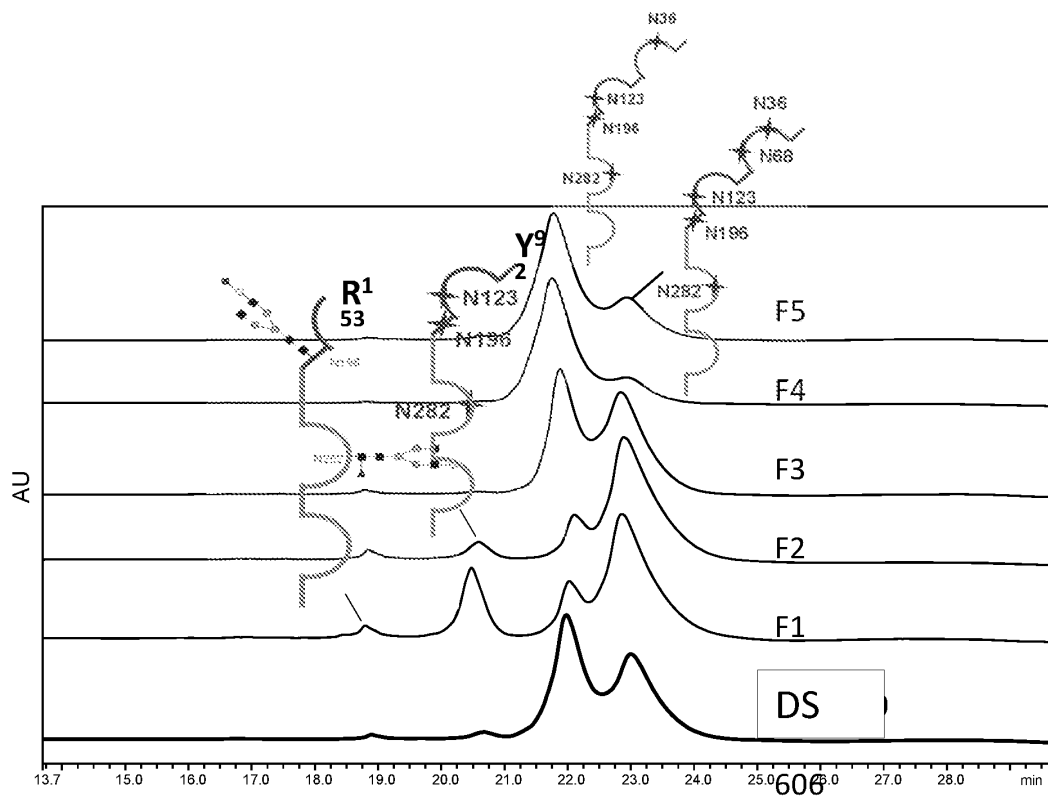


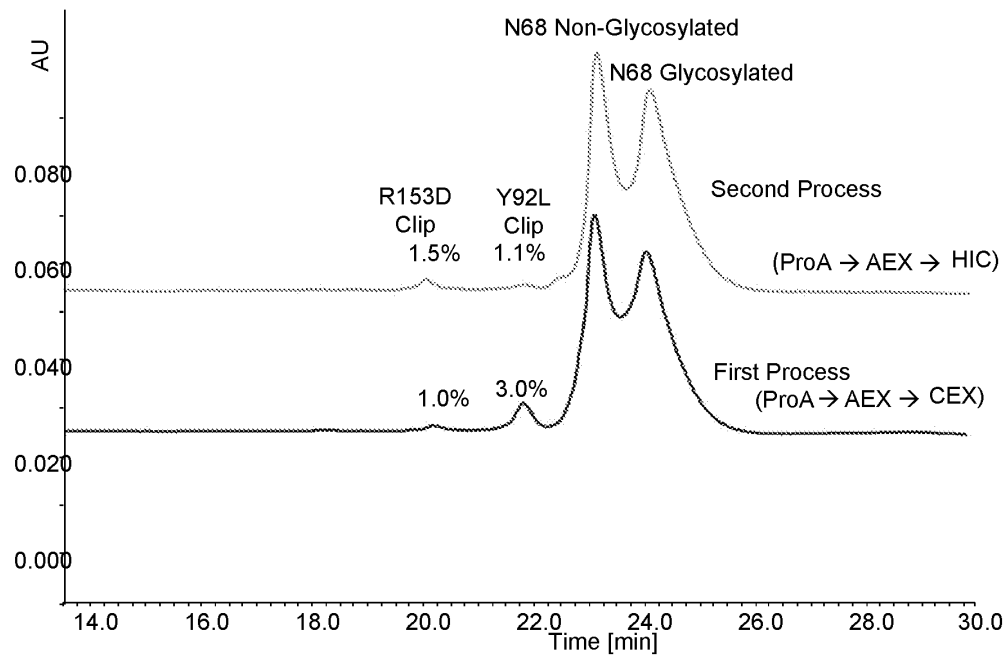
Figure 6

Figure 7