

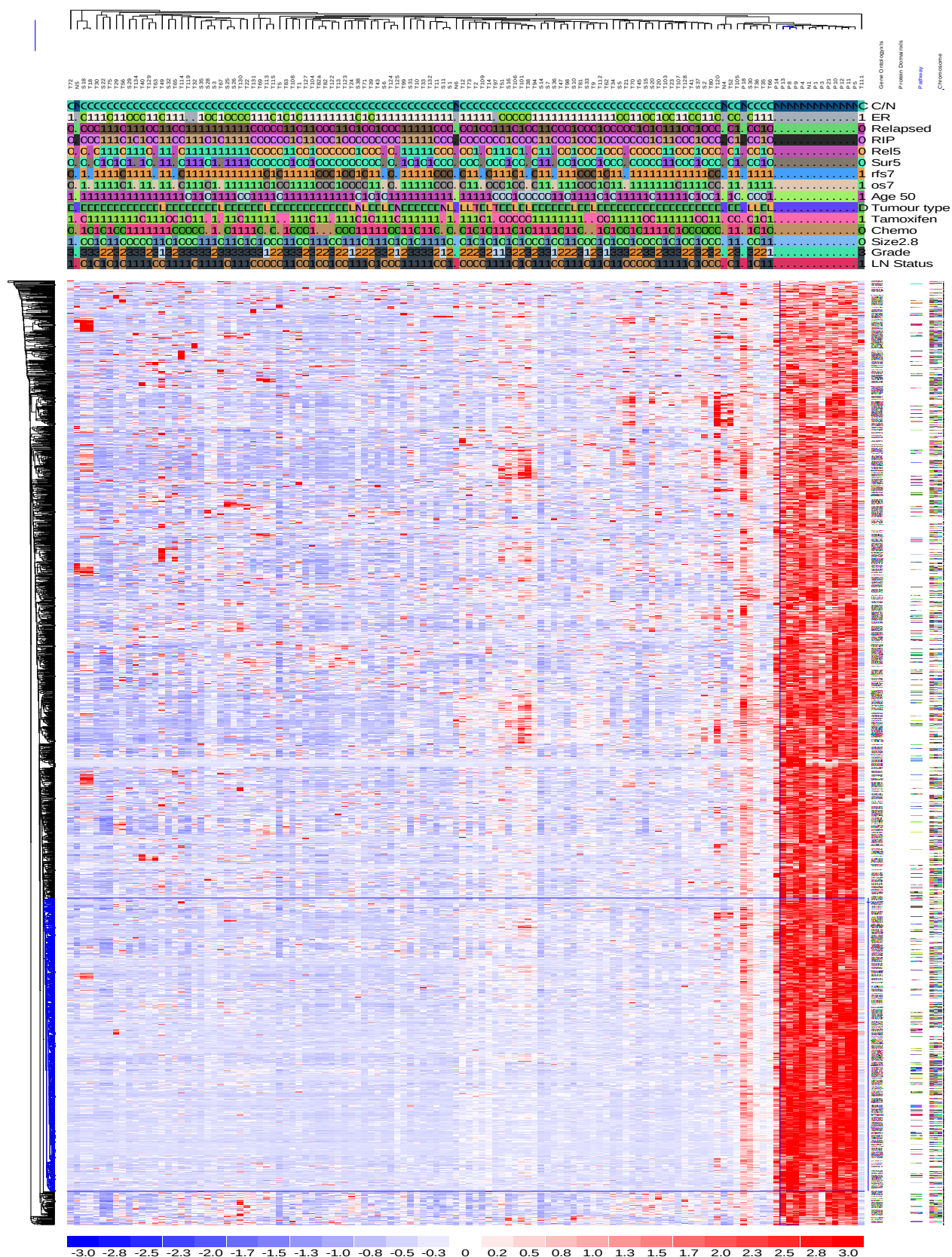


Fig A1: Histidine metabolism cluster is highlighted in blue

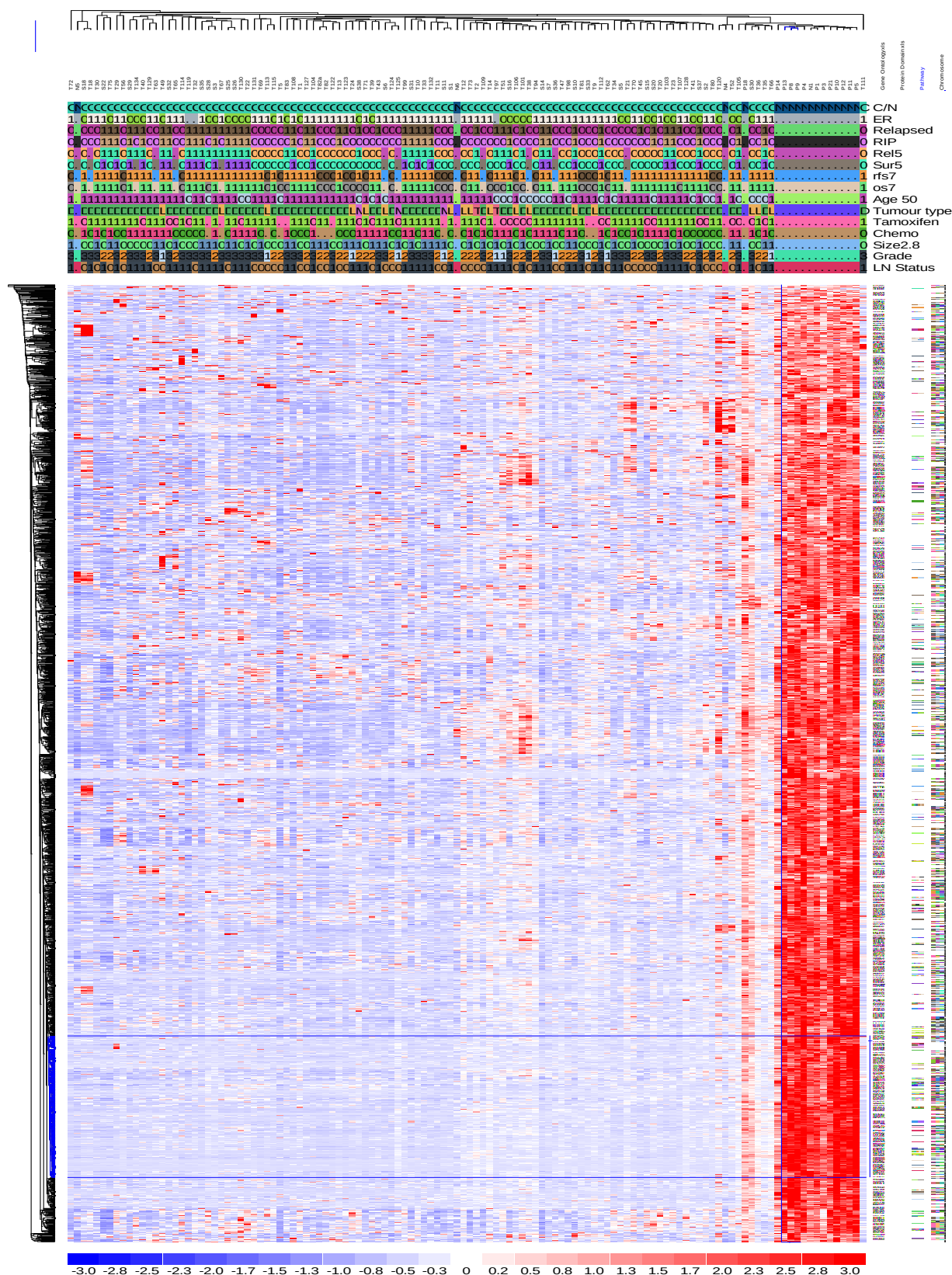


Fig A2: Glycine, serine and threonine metabolism cluster is highlighted in blue

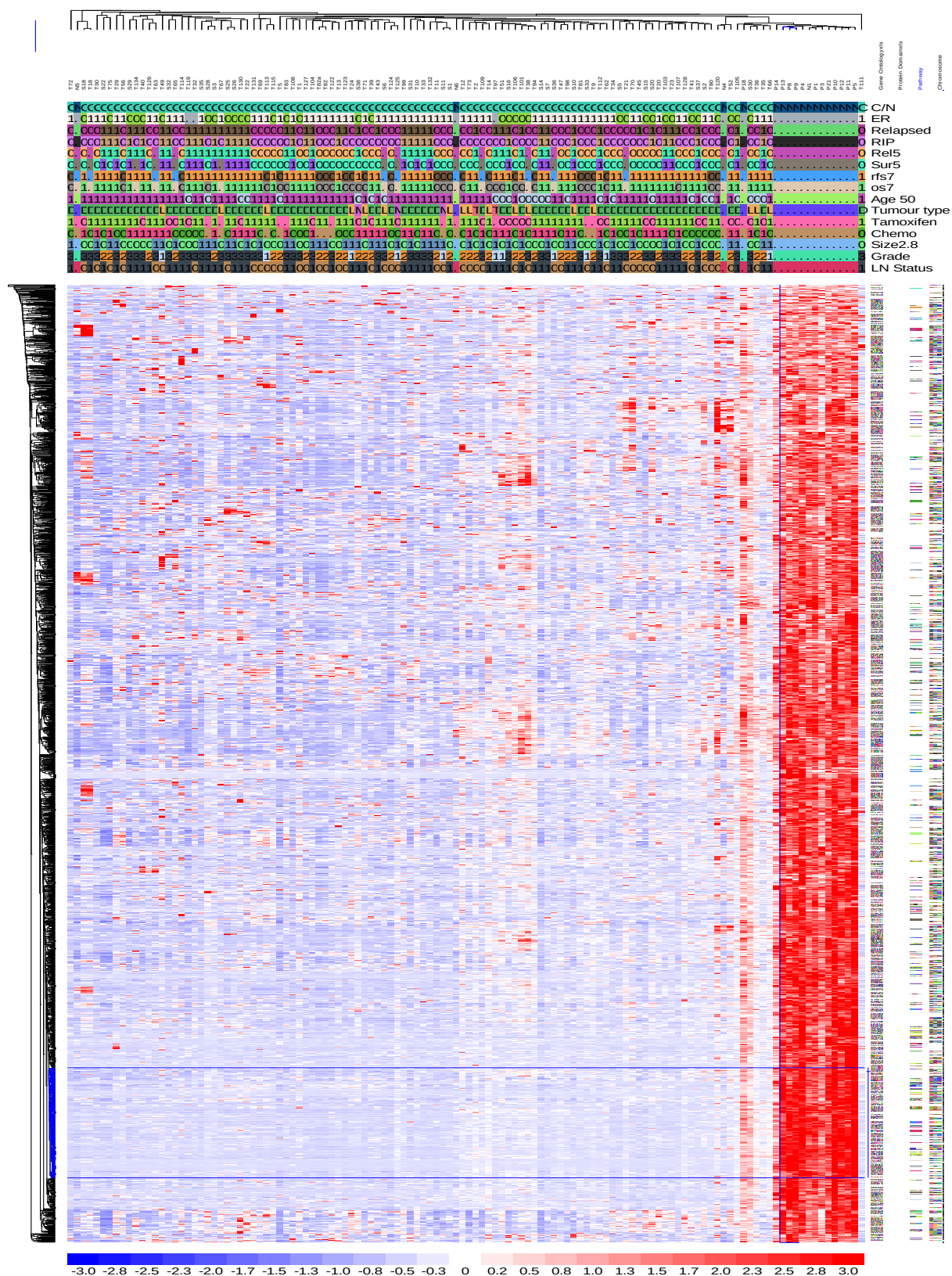


Fig A3: Phenylalanine metabolism cluster is highlighted in blue

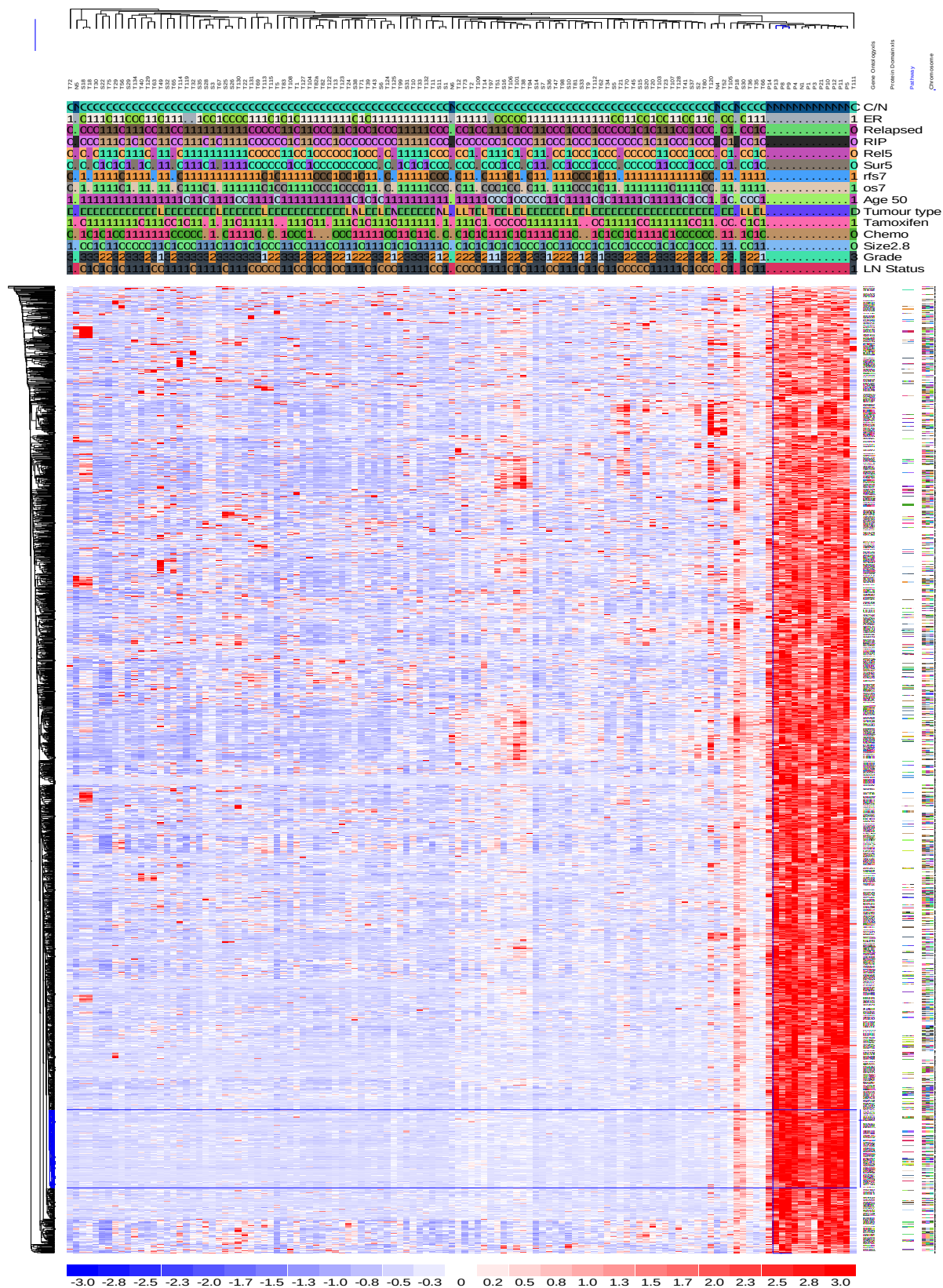


Fig A4: Arginine and proline metabolism cluster is highlighted in blue.



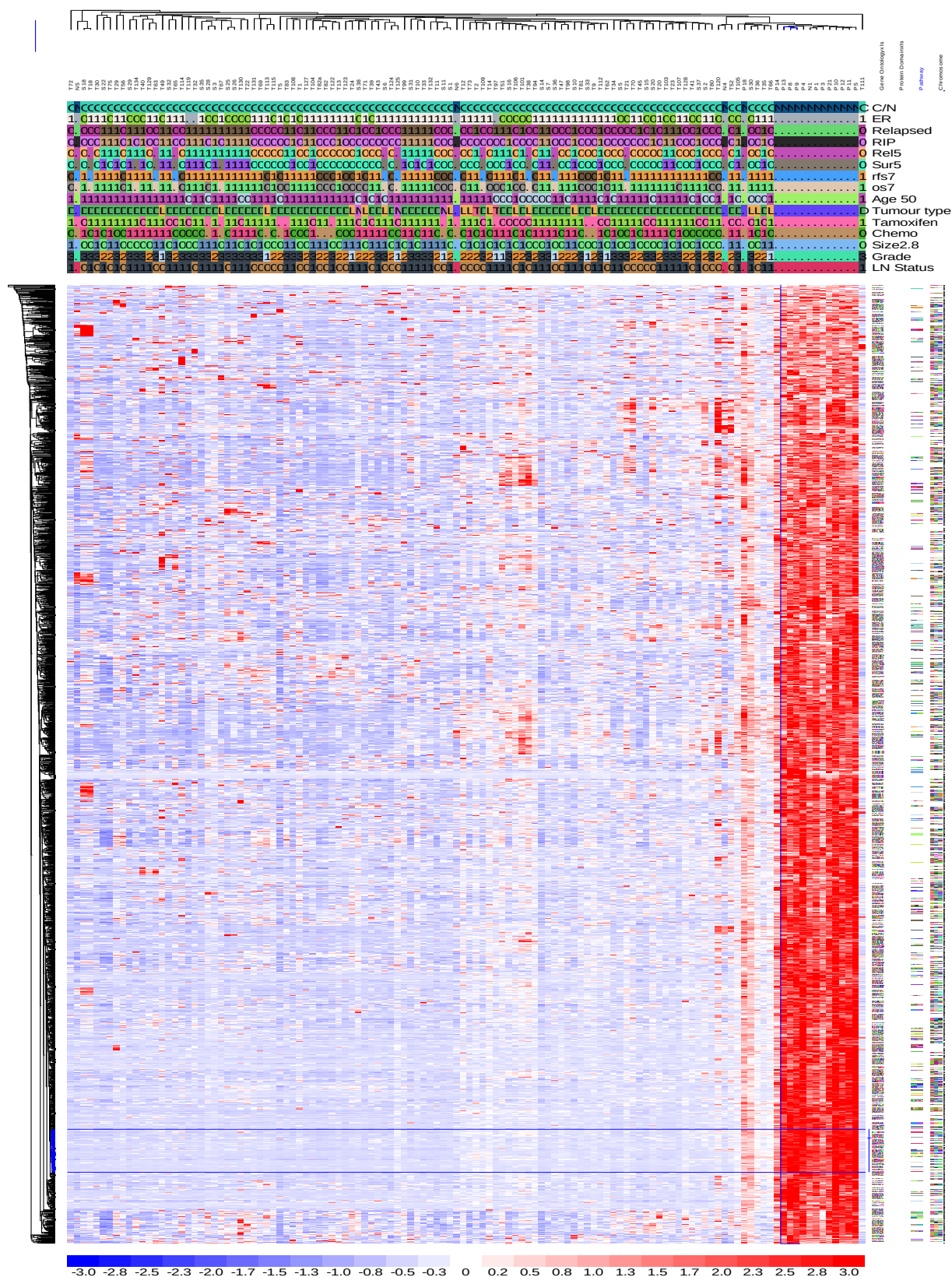


Fig A5: Integrin-mediated cell adhesion cluster highlighted in blue

