

Figure S1) All_data. Size, N: 458. Correlation, $z = 0.241788560686 \pm 0.0468807230938$

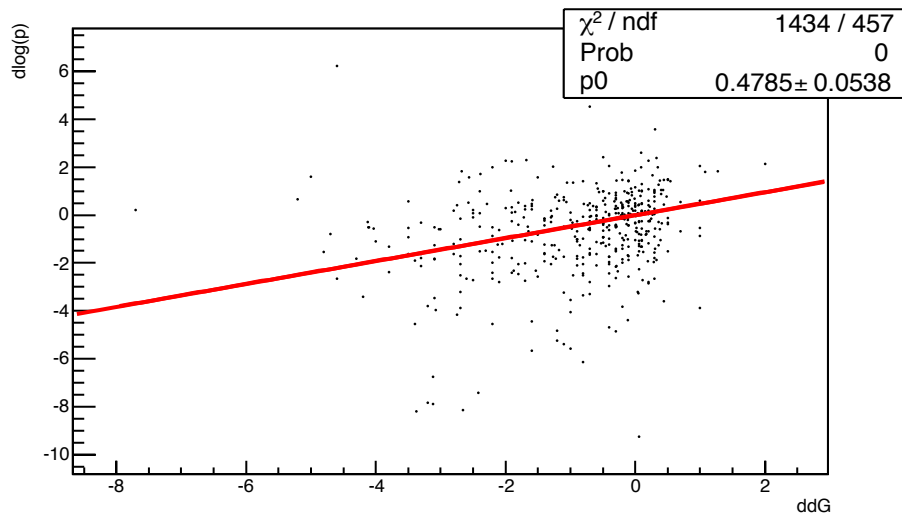


Figure S2) charged. Size, N: 93. Correlation, $z = 0.440760688136 \pm 0.105409255339$

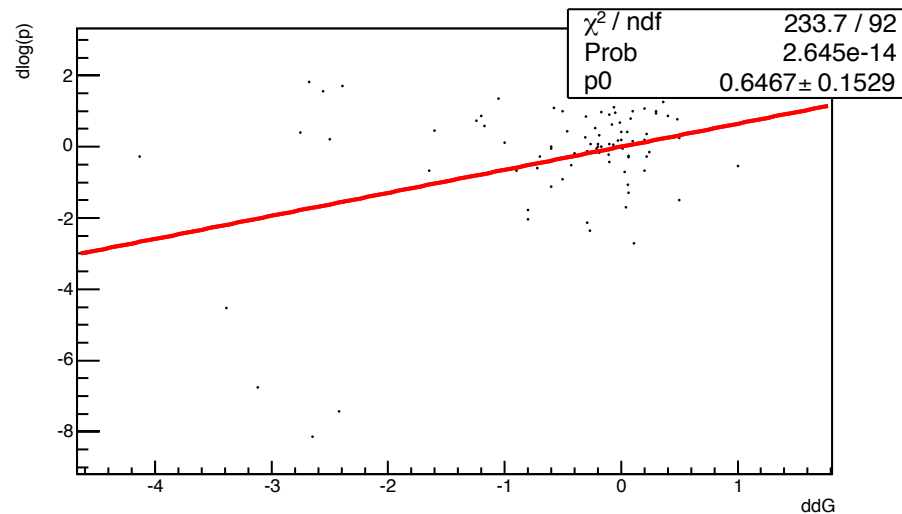


Figure S3) peptide bond mutation. Size, N: 345. Correlation, $z = 0.202810570858 \pm 0.0540738070436$

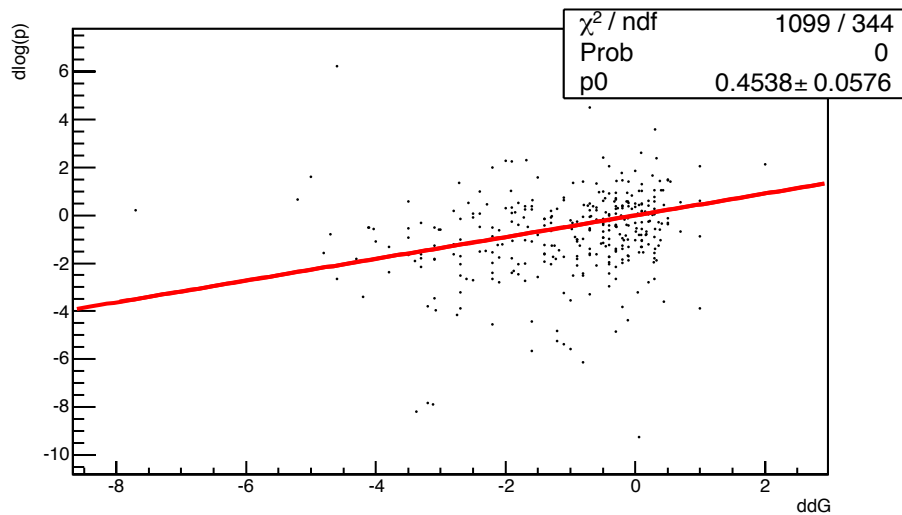


Figure S4) Aromatic mutation. Size, N: 20. Correlation, $z = -0.199305215394 \pm 0.242535625036$

