|  |  |  |  |
| --- | --- | --- | --- |
| **Data set – Figure 2** | **p110𝛾 / p101**  | **R1021C p110𝛾 p101**  | **R1021P p110𝛾 p101**  |
| HDX reaction details | %D2O=62.0%pH(read)=7.5Temp=18ºC | %D2O=62.0%pH(read)=7.5Temp=18ºC | %D2O=62.0%pH(read)=7.5Temp=18ºC |
| HDX time course (seconds) | 3, 30, 300, 3000 | 3, 30, 300, 3000 | 3, 30, 300, 3000 |
| HDX controls | N/A | N/A | N/A |
| Back-exchange | No correction | No correction | No correction |
| Number of peptides | 153 | 153 | 152 |
| Sequence coverage | 92.7% | 92.7% | 91.7% |
| Average peptide/redundancy | Length=14.8Redundancy= 2.0 | Length=14.8Redundancy= 2.0 | Length=14.8Redundancy= 2.0 |
| Replicates | 3  | 3  | 3 |
| Repeatability | Average StDev=0.6% | Average StDev=0.6% | Average StDev=0.6% |
| Significant differences in HDX | >5% and >0.4 Da and unpaired t-test ≤0.01 | >5% and >0.4 Da and unpaired t-test ≤0.01 | >5% and >0.4 Da and unpaired t-test ≤0.01 |