S6 Fig. Curve fit determining the IC50 values of of nPEP-1 "FKRYKRWGSC" (green), nPEP-1-45 "FKRYRRWGSC" (red) and PEP-1 (black) for inhibiting β-Gal. GraphPad Prism 5 was used for enzyme kinetics fitting to the equation: Y=Bottom + (Top-Bottom)/(1+10^(X-LogIC50)). Here, Bottom is constrained to 1 which represents the maximal inhibition of 100% and Top is constrained to 0 which represents the minimal inhibition of 0%. All tests included three replicates. Error bar: range of data.