a

spT9 IGPGRAFYT (5TG7)

b

spV9 IGPGRAFYV (5KD7)

c

spVI10 IGPGRAFYVI (5KD4)

1.96 Å

2.35 Å

3.05 Å

Figure S1. SA-omit maps reveal peptide electron density in pH2-D^d structures.SA-omit maps were calculated for each of the indicated three structures (s.p.T9 (green), s.p.V9 (cyan), and s.p.VI10 (magenta)), and contoured at 3.0σ. Structures were determined as indicated in Materials and methods, and data collection and refinement are described in Table 1. Resolution of each structure is provided. H2-D^d is illustrated as a ribbon cartoon, peptides illustrated as stick figures, using PyMOL.