

Figure S1. Secondary structure prediction of HPV-33 E6 reference and variant sequence

Note: a: secondary structure prediction model of HPV-33 E6 reference sequence; b: secondary structure prediction model of HPV-33 E6 variant sequence

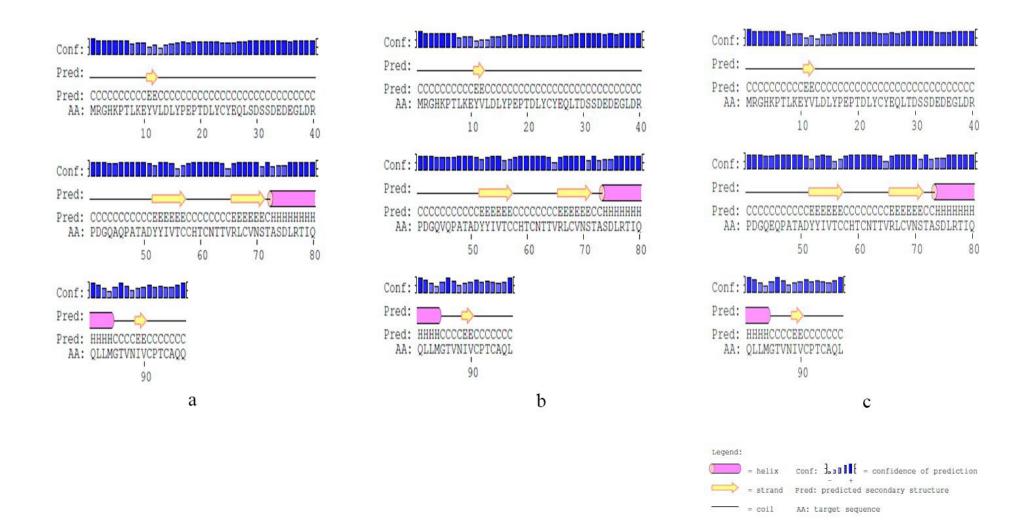


Figure S2. Secondary structure prediction of HPV-33 E7 reference and variant sequence

Note: a: secondary structure prediction model of HPV-33 E7 reference sequence; b: secondary structure prediction model of HPV-33 E7 variant-1 sequence; c: secondary structure prediction model of HPV-33 E7 variant-2 sequence

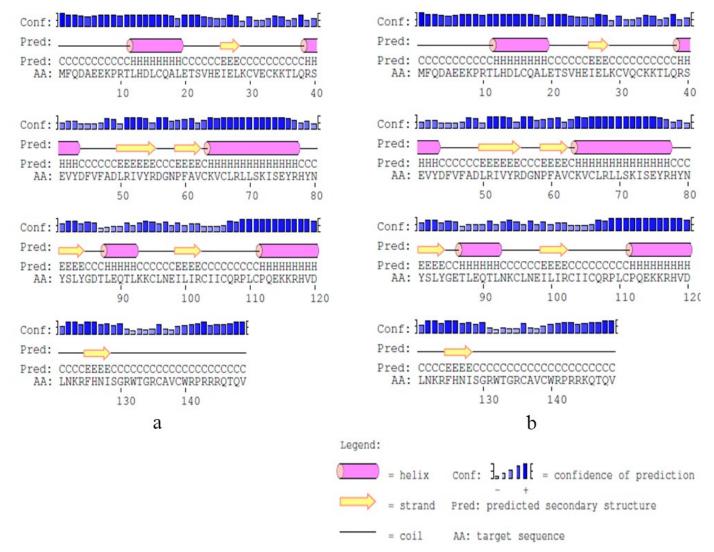


Figure S3. Secondary structure prediction of HPV-58 E6 reference and variant sequence

Note: a: secondary structure prediction model of HPV-58 E6 reference sequence; b: secondary structure prediction model of HPV-58 E6 variant sequence

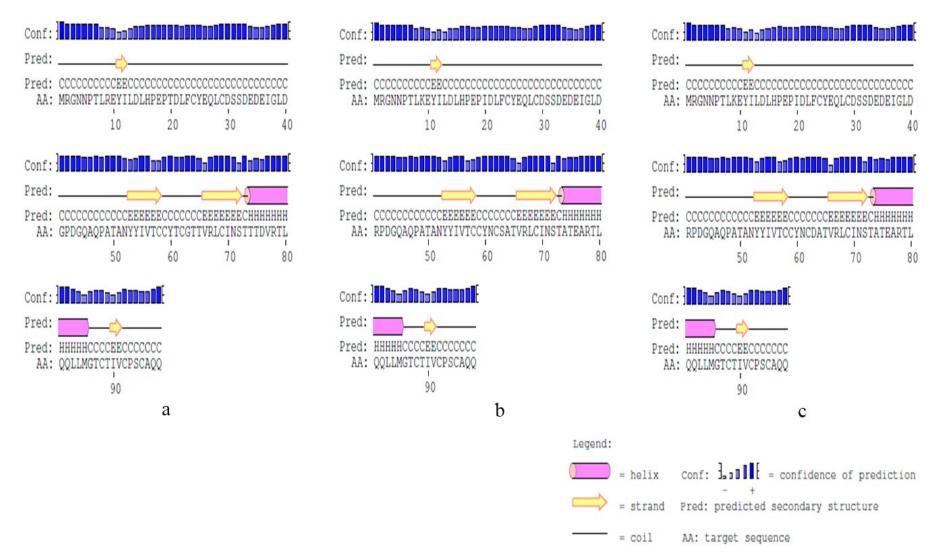


Figure S4. Secondary structure prediction of HPV-58 E7 reference and variant sequence

Note: a: secondary structure prediction model of HPV-58 E7 reference sequence; b: secondary structure prediction model of HPV-58 E7 variant-1 sequence; c: secondary structure prediction model of HPV-58 E7 variant-2 sequence