Fig. S1. Transposition patch assays of IN ZBR mutants with non-alanine substitutions. Two ZBR mutants, IN-H22 or IN-C58, were tested for transposition by patch assays with interchanged histidine and cysteine residues, and IN-H22 or IN-C58 replaced with glutamic acid, arginine, or serine. Controls at the bottom of the figure include wild type, the catalytic mutant in-2600 (1) and the nuclear localization signal mutant in-K596,597G (2). Two representatives of four replicate patches is shown. None of the ZBR substitutions exhibited any His\(^{+}\) papillae, indicating that the transposition defect was not rescued by a non-alanine replacement.
