Correction to M1D5 (-ANS)

The banding pattern shown for the BamHI/XhoI digest of a plasmid containing multiple inserts is incorrect! There is no 650 bp band. The first two inserts are surrounded by BamHI cuts, rather than being split by a BamHI cut. It just so happens that this band size is ~ 1300 bp, very similar to the ~ 1200 bp band that spans the distance from the final BamHI site to the XhoI site. You would probably see a doublet or smear on the gel, still allowing you to distinguish this plasmid from the single insert case.