Note: Sometimes, because of its base composition, a fragment of DNA will migrate anomalously on a polyacrylamide gel. This happens in the V/P digest. Two of the fragments that migrate at different rates in the agarose gel, distortedly migrate together in the PAGE to form a doublet (see band that migrates close to the 527 bp standard). The intensity of the band on the polyacrylamide gel with respect to that of other bands confirms this. Also, note the ~70 bp bands in all BamHI single and double digests.