**Supplementary Figure S1:** Representative allelic discrimination plot from a PTPN11<sup>G503V</sup> genotyping assay. Genotype is determined by sequence-specific probes, one for each allele (wild type and mutant). Each circle represents a sample, and black squares represent negative controls. Sample indicated as an X, represents an undetermined genotype, and further characterized by Sanger sequencing for determination of genotype.

