



**Fig. 1. Range of targets amplified with Fidelity™ PCR Master Mix.** Single-copy NRAGE, 1.55 kb (Lane 1) and Numb, 7.7 kb (Lane 2) were amplified from 1 ng human genomic DNA. Single-copy  $\beta$ -globin, 23.0 kb (Lane 3) was amplified from 100 ng human genomic DNA. Both the 20.7 kb (Lane 4) and 35.0 kb (Lane 5) lambda targets were amplified from 1 ng lambda DNA. No magnesium optimization was required, as 1.5mM final magnesium concentration was used in all reactions.