



**S8 Fig. Agarose gel showing cDNA products amplified by PCR from the N-terminal transmembrane region of *Tci-pgp-9*.** Lanes 2 & 3 – PGP9AFnest/PGP9ARnest products, encoding Tci-PGP-9 transmembrane domains 1 - 3 (aa34 – aa212), amplified from separate pools of cDNA template derived from two different generations of  $S_{\text{inbred}}$  worms; lane 4 – equivalent PGP9AFnest/PGP9ARnest products amplified from cDNA template derived from  $RS^3$  worms; lanes 5 & 6 – PGP9BFnest/PGP9BRnest products, encoding Tci-PGP-9 transmembrane domains 4 - 6 (aa189 – aa420), amplified from cDNA template derived from  $S_{\text{inbred}}$  worms as above; lane 7 – equivalent PGP9BFnest/ PGP9BRnest products amplified from cDNA template derived from  $RS^3$  worms.