**Fig. S2. Male specificity of long range PCR products.**

LRP products amplified from male (m) and female (f) genomic DNA and no template control amplification (-) are separated on a 0.7% agarose gel. Gene Ruler DNA ladder mix (Thermo Scientific, #SM0331) was used as size standard. Amplicon identification is listed on the bottom of each image. Primers used are listed in Table S3. In case of multiple PCR products the Y chromosome specific amplicon (indicated by a red arrow) was isolated from the agarose gel prior NGS library preparation.