



Figure S4. Validation of a copy number gain in chr1 (114.0 Mb) by FISH: A. and B. – metaphase and interphase of the Thoroughbred control; **C. and D.** metaphase and interphase of a Quarter Horse; red signals - BAC 132B13; green signals in **D.** – a single-copy control BAC. Note the difference in copy numbers between homologous chromosomes in both horses.