



**Heterozygosity checks on chromosomes X and Y.** The heterozygosity output from Genome studio allows the identification of both males and females. **a.** A normal female: homozygous and heterozygous X SNPs. The disperse patten for Y-chromosome markers are seen in all females. **b.** A normal male: homozygous X SNPs and homozygous Y SNPs (few heterozygous SNPs).