



**Notes**

<sup>1</sup> NCBI Build 38: GRCh38/hg38 (December 2013)

<sup>2</sup> Landmark STSs consist of sY1247 and sY1273, located at the boundaries between MSY and pseudoautosomal (PAR) sequences on Yp and Yq, respectively, and a previously published panel of 49 STS (see Supplementary Methods Table SM-2 in Repping et al., 2006).

<sup>3</sup> Protein-coding genes and structural features as annotated in Skaletsky et al., 2003; Rozen et al., 2003