



Supplementary Figure 2. Mean sum of ROH in different length categories. Three SNP panels (18,198 SNP, 21,615 SNP and 25,511 SNP) were tested and none or 1 heterozygous SNP (Het) allowed per window. Families were classified according to their parents kinship coefficients (θ IBD): unrelated (green: $0 < \theta$ IBD < 0.0076), second cousin (yellow-circle: $0.0076 < \theta$ IBD < 0.038), first cousin (yellow-triangle: $0.038 < \theta$ IBD < 0.0937), half-sibling (orange: $0.0937 < \theta$ IBD < 0.1872) and full-sibling (red: θ IBD > 0.18).