

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: BCC and SCC study cohorts included in the GWA analyses.

File name: Supplementary Data 2

Description: BCC-associated loci identified in the European ancestry GWA meta-analysis and results in each cohort.

File name: Supplementary Data 3

Description: BCC-associated variants identified in the conditional and joint multiple-SNP (COJO) analysis conducted on the European ancestry meta-analysis results.

File name: Supplementary Data 4

Description: Look-up of the 116 BCC associated loci identified in the European ancestry meta-analysis in the Hispanic/Latino GWA meta-analysis of BCC.

File name: Supplementary Data 5

Description: BCC-associated loci identified in the Hispanic/Latino GWA meta-analysis.

File name: Supplementary Data 6

Description: BCC-associated loci identified in the multi-ancestry GWA meta-analysis.

File name: Supplementary Data 7

Description: SCC-associated loci identified in the European ancestry GWA meta-analysis.

File name: Supplementary Data 8

Description: Association of the 116 BCC associated loci identified in the European ancestry meta-analysis with SCC risk.

File name: Supplementary Data 9

Description: LD score regression analysis results of individual GWAS datasets.

File name: Supplementary Data 10

Description: List of the 95% credible set of variants in each of the 116 loci identified in the European ancestry GWA meta-analysis of BCC.

File name: Supplementary Data 11

Description: VEGAS2 Gene-based association analysis results for BCC.

File name: Supplementary Data 12

Description: VEGAS2-Pathways association analysis results for BCC.

File name: Supplementary Data 13

Description: Prioritized drug targets for BCC.