

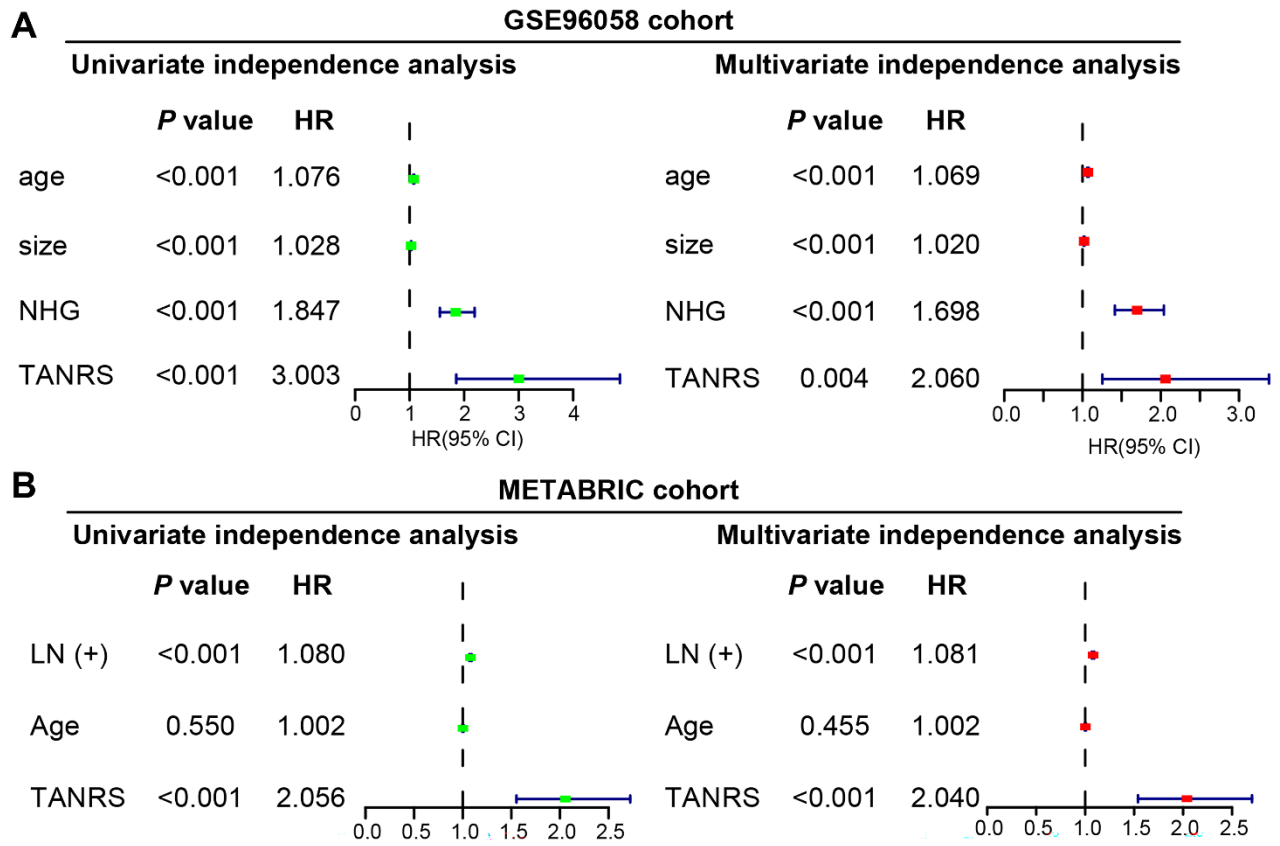
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458 **Figure S1.** Identification of marker genes of TANs using scRNA-seq dataset GSE114725. (A, B) The

459 expression of neutrophil marker gene S100A9 in different cell populations. (C) Cell communication

460 network.

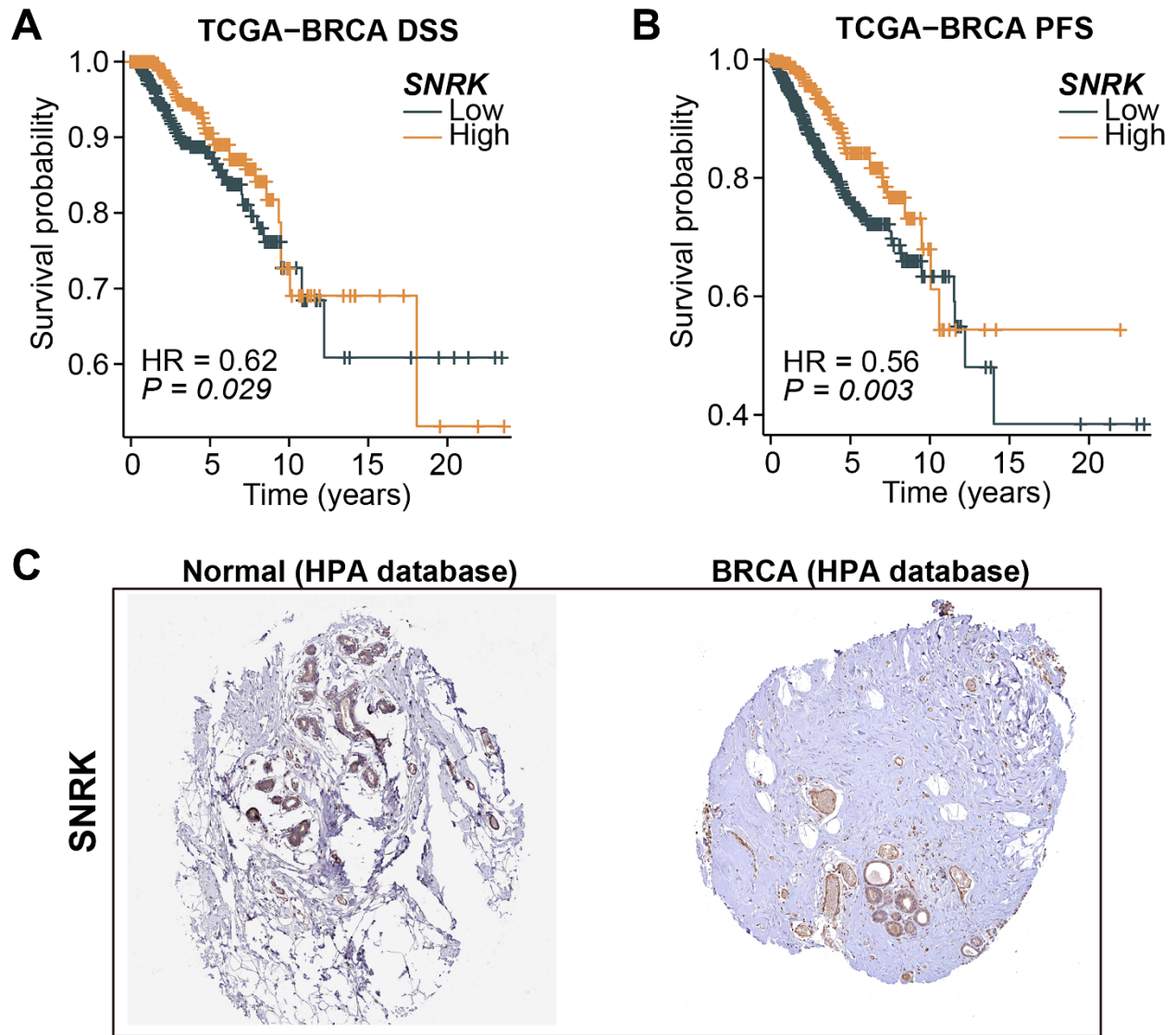
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463 **Figure S2.** Validation of the independent prognostic potential of the TANRS in GSE96058 (A) and
 464 METABRIC (B) cohorts.

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 467 **Figure S3.** SNRK as a key TANRG in BRCA. (A, B) Prognostic significance of SNRK expression in
 468 BRCA. (C) IHC analysis of SNRK level in normal and BRCA samples based on the HPA database.
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