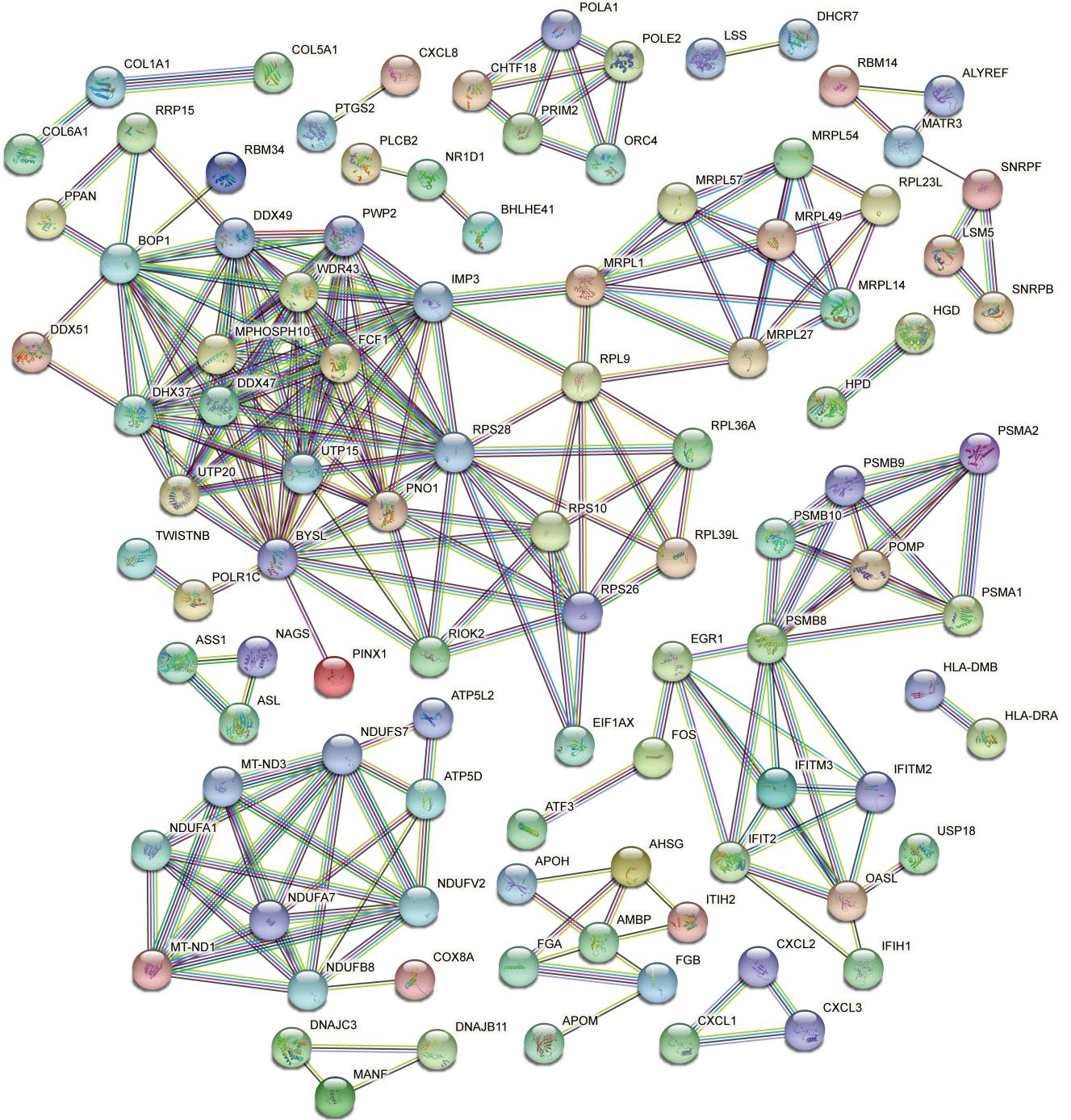
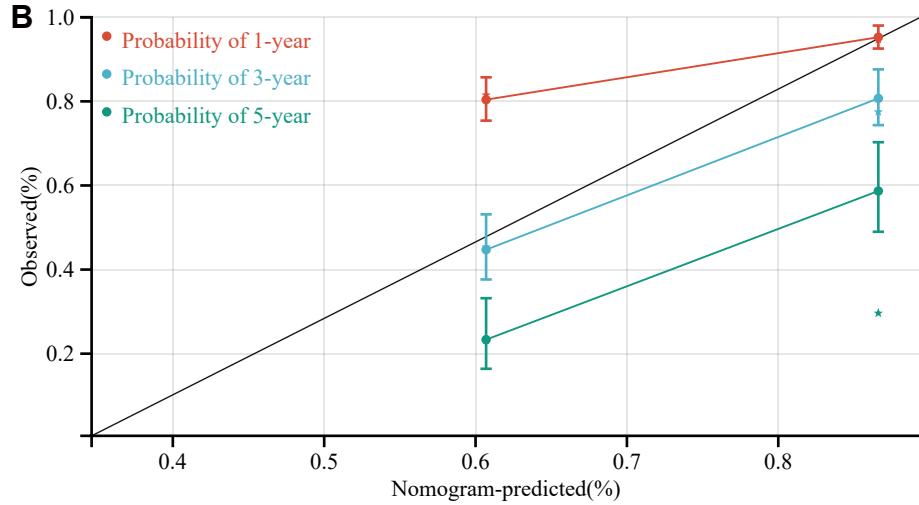
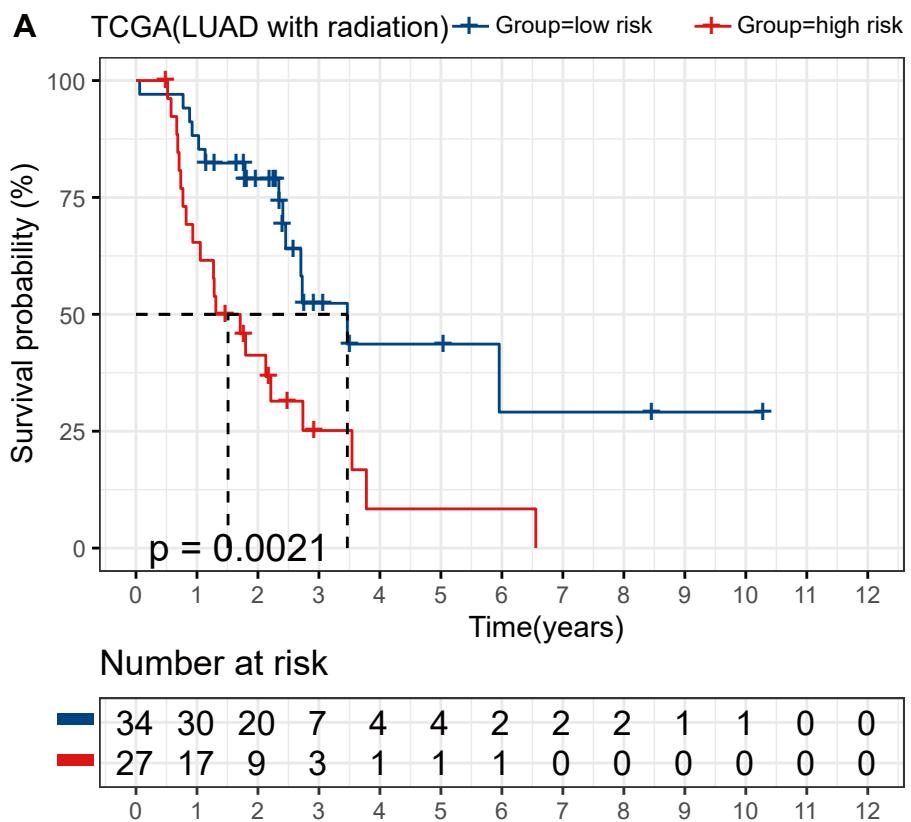


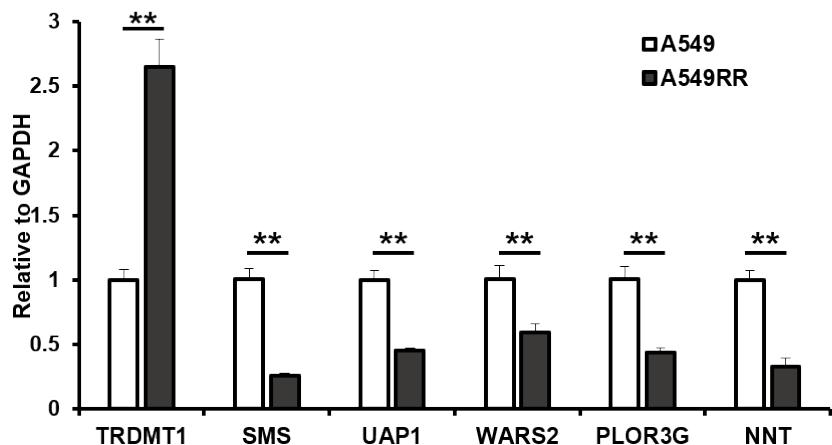
Supplementary Figure 1



Supplementary Figure 2



Supplementary Figure 3



Primer Sequence

TRDMT1 Forward: CGGGTGCTGGAGCTATACAG
TRDMT1 Reverse: CGACAGTGGTACATCAATGGC
SMS Forward: TGGCGGGTGAAACGATTAC
SMS Reverse: CCAAAGTCTCGAGTGTAGAA
UAP1 Forward: AATGACCTCAAACCTACGTTGT
UAP1 Reverse: GCTCTGCATAAAGTTCTACCTGT
WARS2 Forward: CTGCACTCAATGCGGAAAGC
WARS2 Reverse: GAATGCCGAAAATACTCGCT
PLOR3G Forward: CACTTCGGCTGCAGAGTTTT
PLOR3G Reverse: AGTGGGCAAATTCTGAAAG
NNT Forward: GGGGTCTGTAAGGGTCTAC
NNT Reverse: ATGCCACTCGTTCTCATTTT

Supplementary Figure 4

