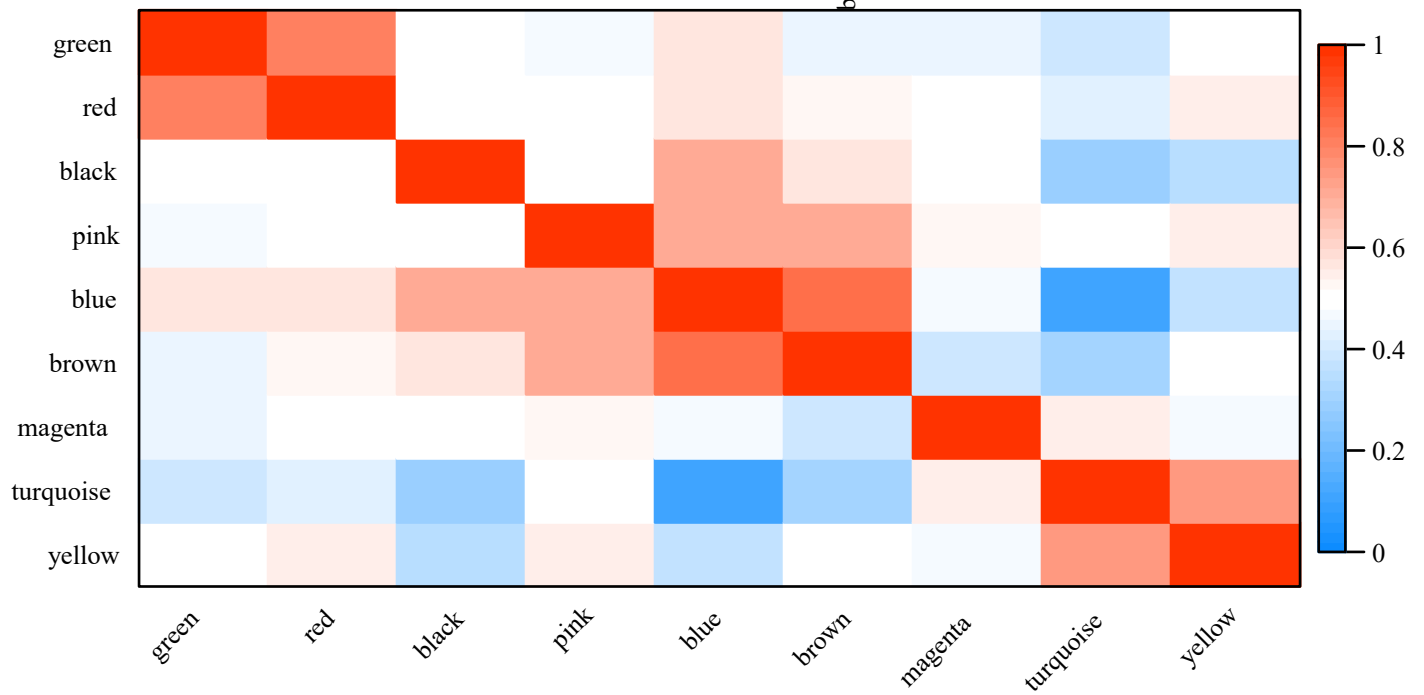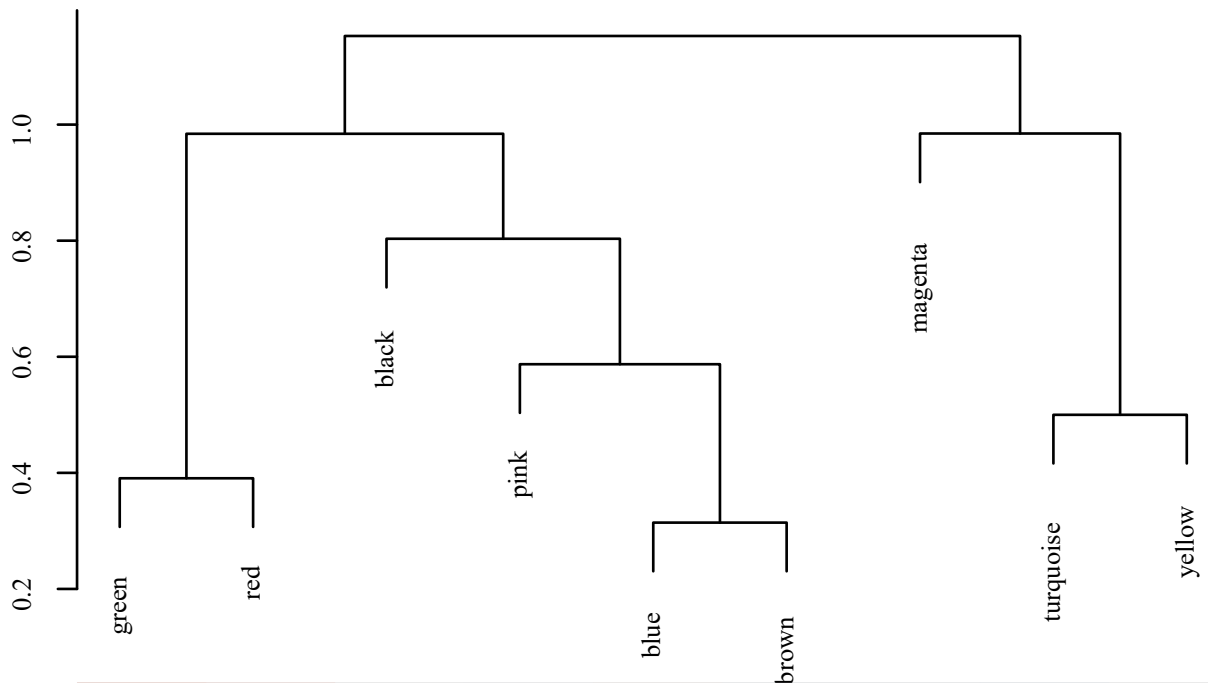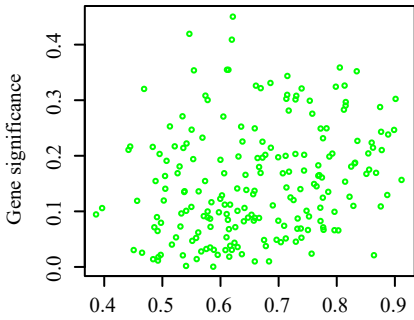Supplementary file 1
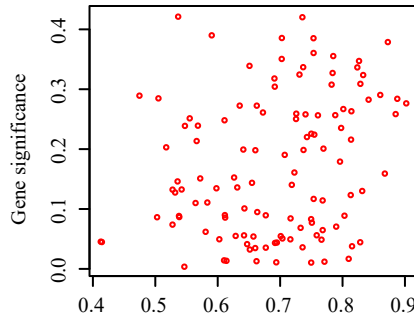
Supplementary file 2

Module membership vs. gene significance
cor=0.24, p=0.00053

Module membership vs. gene significance
cor=0.24, p=0.0092

Module membership vs. gene significance
cor=−0.055, p=0.63
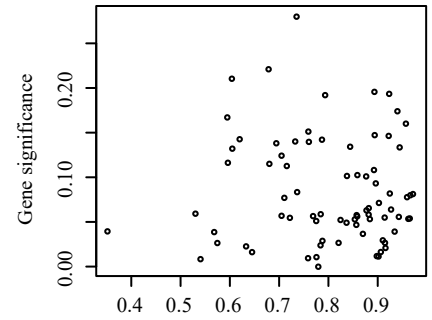
Module membership vs. gene significance
cor=−0.22, p=0.055
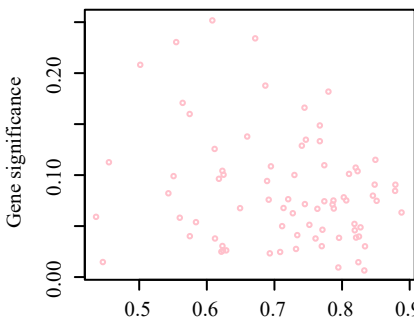
Module membership vs. gene significance
cor=−0.19, p=3e−16
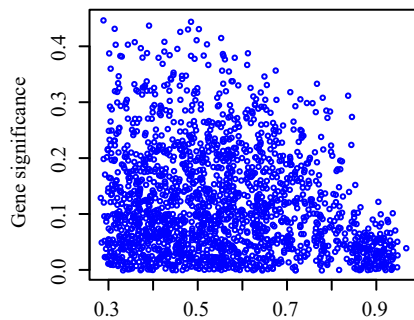
Module membership vs. gene significance
cor=0.37, p=6.1e−25
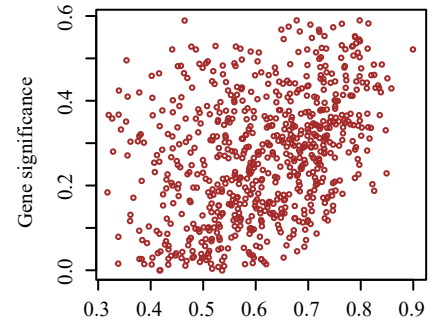
Module membership vs. gene significance
cor=0.22, p=0.12

Module membership vs. gene significance
cor=−0.17, p=1e−18

Module membership vs. gene significance
cor=−0.25, p=1.3e−05

Supplementary file 3:

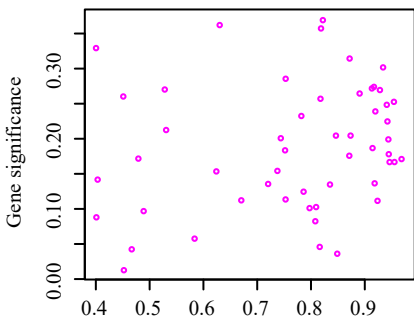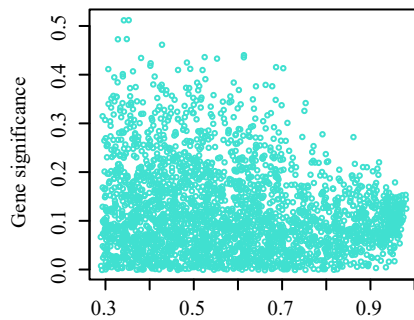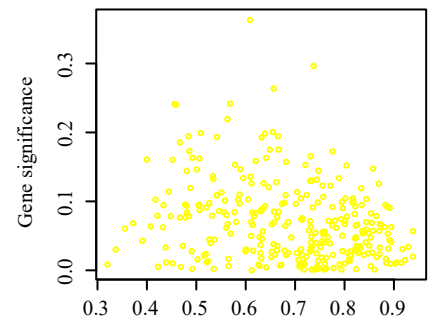The web links of images from the Human Protein Atlas database in the paper:
ANLN in normal tissues: https://www.proteinatlas.org/ENSG00000011426-ANLN/tissue/lung#img;
ANLN in tumors: https://www.proteinatlas.org/ENSG00000011426-ANLN/pathology/tissue/lung+cancer#img;

CDCA5 in normal tissues: https://www.proteinatlas.org/ENSG00000146670-CDCA5/tissue/lung#img;
CDCA5 in tumors: https://www.proteinatlas.org/ENSG00000146670-CDCA5/pathology/tissue/lung+cancer#img;

FLJ21924 (also known as QSER1) in normal tissues: https://www.proteinatlas.org/ENSG00000060749-QSER1/tissue/lung#img,
FLJ21924 in tumors: https://www.proteinatlas.org/ENSG00000060749-QSER1/pathology/tissue/lung+cancer#img;

LMNB1 in normal tissues: https://www.proteinatlas.org/ENSG00000113368-LMNB1/tissue/lung#img;
LMNB1 in tumors: https://www.proteinatlas.org/ENSG00000113368-LMNB1/pathology/tissue/lung+cancer#img;

MAD2L1 in normal tissues: https://www.proteinatlas.org/ENSG00000164109-MAD2L1/tissue/lung#img;
MAD2L1 in tumors: https://www.proteinatlas.org/ENSG00000164109-MAD2L1/pathology/tissue/lung+cancer#img;

RACGAP1 in normal tissues: https://www.proteinatlas.org/ENSG00000161800-RACGAP1/tissue/lung#img;
RACGAP1 in tumors: https://www.proteinatlas.org/ENSG00000161800-RACGAP1/pathology/tissue/lung+cancer#img;

RFC4 in normal tissues: https://www.proteinatlas.org/ENSG00000163918-RFC4/tissue/lung#img;
RFC4 in tumors: https://www.proteinatlas.org/ENSG00000163918-RFC4/pathology/tissue/lung+cancer#img;

SNRPD1 in normal tissues: https://www.proteinatlas.org/ENSG00000167088-SNRPD1/tissue/lung#img;
SNRPD1 in tumors: https://www.proteinatlas.org/ENSG00000167088-SNRPD1/pathology/tissue/lung+cancer#img;

TOP2A in normal tissues: https://www.proteinatlas.org/ENSG00000131747-

TOP2A/tissue/lung#img;

TOP2A in tumors: https://www.proteinatlas.org/ENSG00000131747-TOP2A/pathology/tissue/lung+cancer#img;

TTK in normal tissues: https://www.proteinatlas.org/ENSG00000112742-TTK/tissue/lung#img;

TTK in tumors: https://www.proteinatlas.org/ENSG00000112742-TTK/pathology/tissue/lung+cancer#img;

ZWINT in normal tissues: https://www.proteinatlas.org/ENSG00000122952-ZWINT/tissue/lung#img;

ZWINT in tumors: https://www.proteinatlas.org/ENSG00000122952-ZWINT/pathology/tissue/lung+cancer#img;