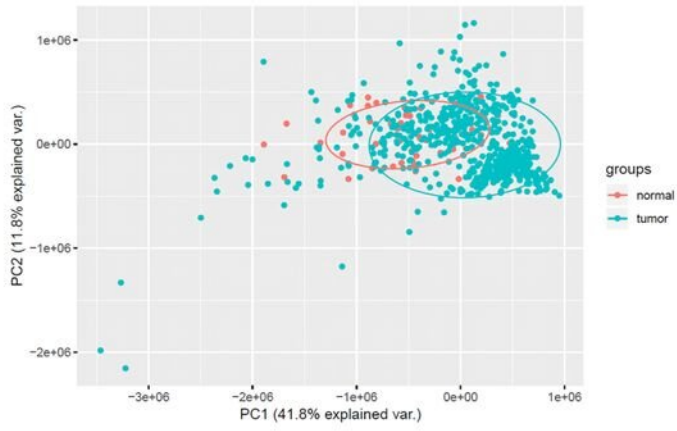


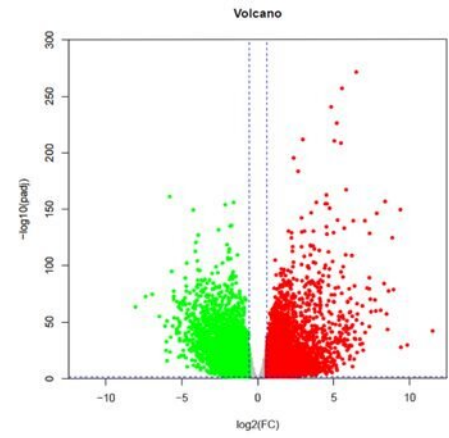
Potential new target for colorectal cancer treatment

June 27 2024

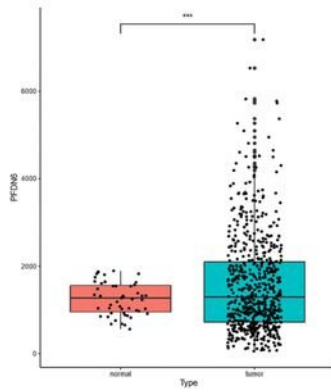
A



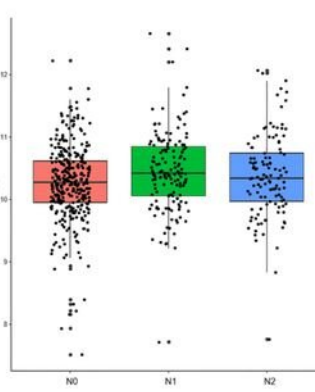
B



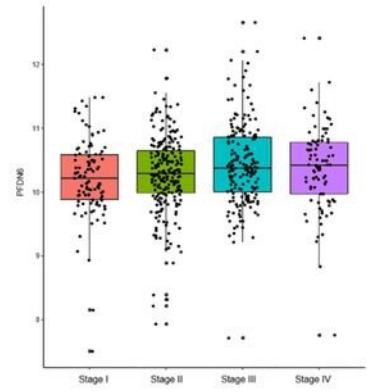
C



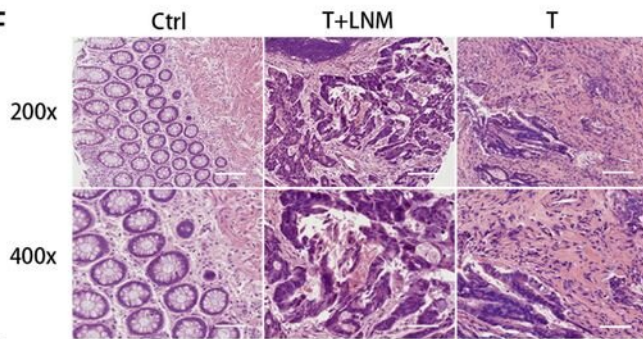
D



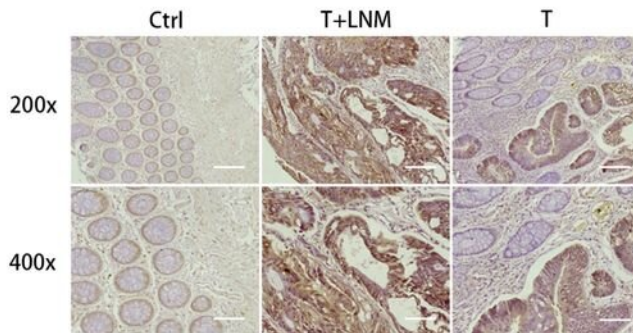
E



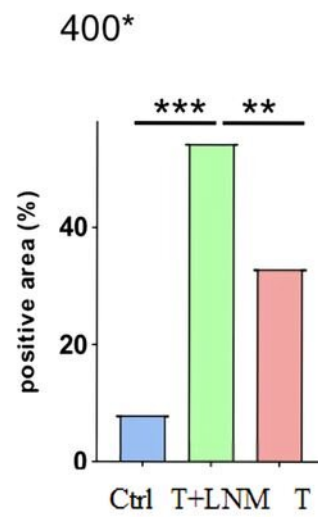
F



G



H



(A) Principal component (PC) analysis of normal and cancer samples. (B) Differentially expressed genes in normal and cancer samples. (C) Data mining of TCGA Database showed the expression of PFDN6. (D, E) X^2 test for correlation between PFDN6 expression and different CRC stages (stage I, stage II, stage III and stage IV) and TNM stages. Statistical differences were analyzed using Spearman's test. (F) H&E staining of mice in control (Ctrl), tumor (T), tumor+lymph node metastasis (T+LNM) groups. Scale bar, 100 μm . Magnification times: 200 \times , 400 \times . (G) The expression levels of PFDN6 in CRC tumor tissues with or without lymph node metastasis and para-carcinoma tissues were determined by immunohistochemical staining. Magnification times: 200 \times , 400 \times . (H) The statistics of (G). The data are expressed as mean \pm SEM; ** p

Citation: Potential new target for colorectal cancer treatment (2024, June 27) retrieved 12 September 2024 from <https://medicalxpress.com/news/2024-06-potential-colorectal-cancer-treatment.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.