

a

Tumor samples' transcriptomes clustering

Whole transcriptome

n=38

Case

- 01
- 04
- 05
- 06
- 10
- 13
- 16
- 17

Protein-coding transcriptome

Other
Ovary
Omentum

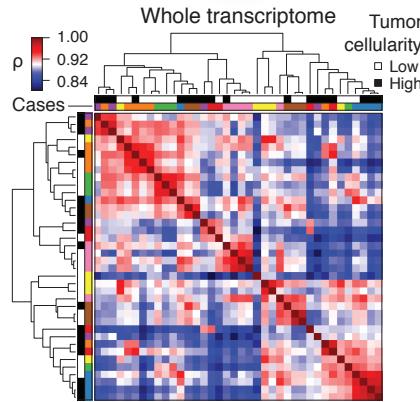
Tumor
cellularity
N/A
Low
High

e

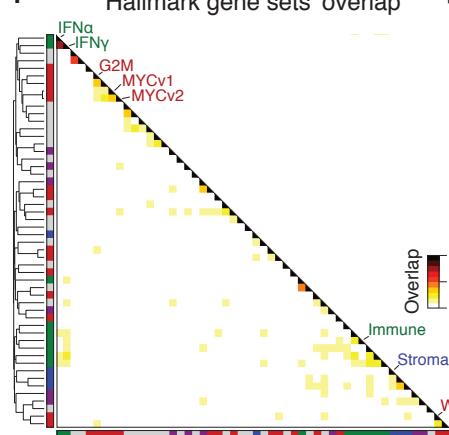
Hallmark gene sets

Cases

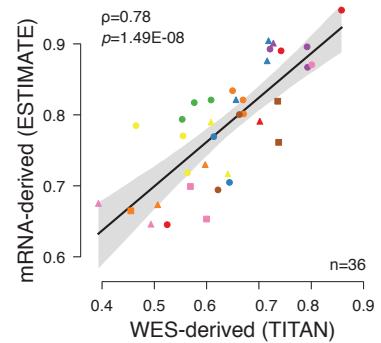
NES



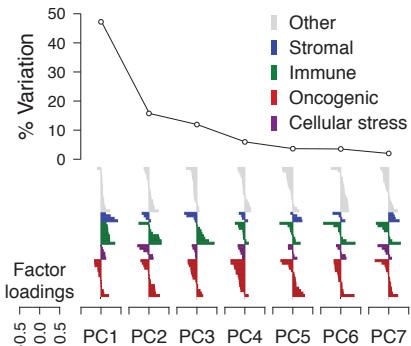
Hallmark gene sets' overlap

**b**

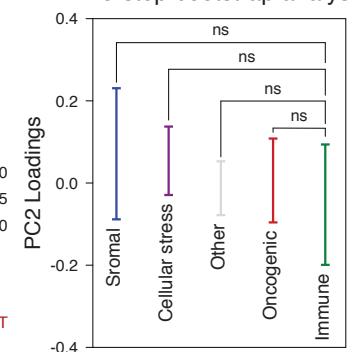
Tumor cellularity correlation

**c**

Principal components

**d**

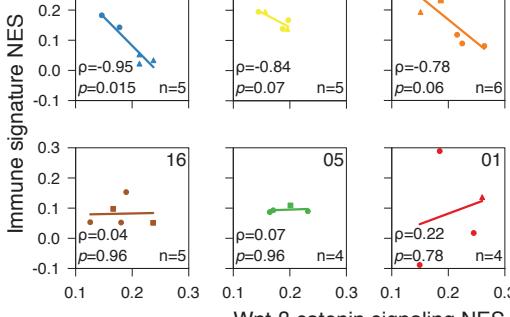
Two-step bootstrap analysis

**g**Wnt β catenin signaling and immune correlations

Immune signature NES

Wnt β catenin signaling NES

$\tau=-0.34$
 $p=0.003$

**h**Wnt β catenin sig.