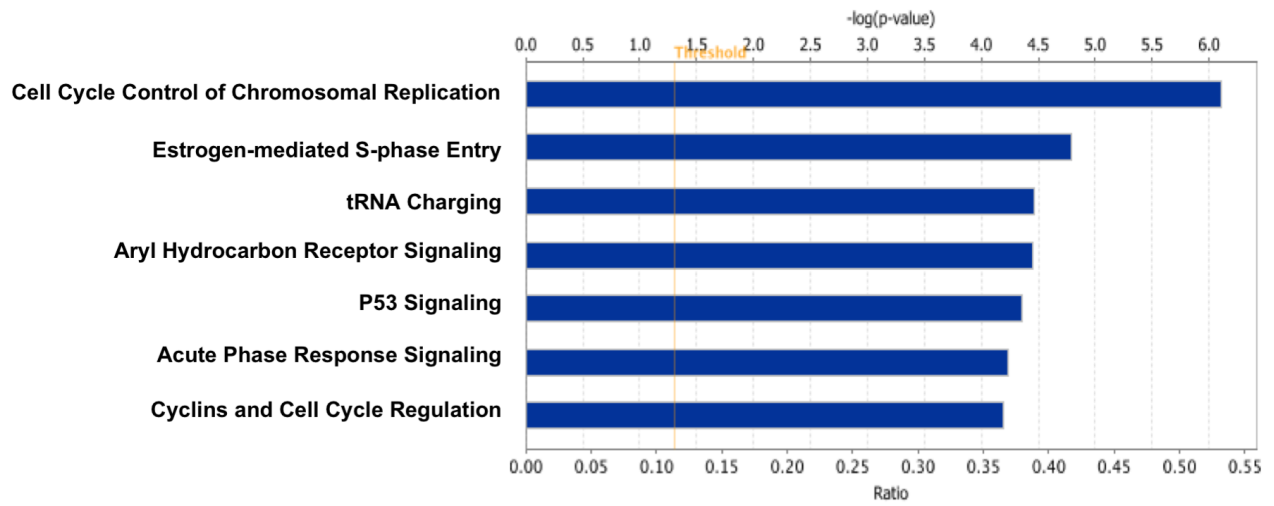
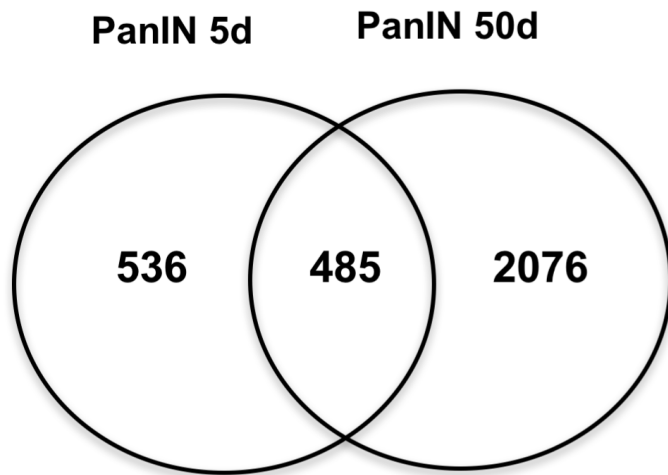


A**B****C**

Top Analysis – Upstream and Downstream Molecules:

Upstream:

SERPINB7 ↑
 AGT ↑
 EGR1 ↑
 CDH5 ↑
 MEGF10 ↑
 MMP10 ↑

Downstream:

Spr1b ↓
 PRKG1 ↓
 Prl2c2 ↓
 MITF ↓
 SOWAHC ↓
 SPRR1A ↓

D

Top Diseases:

1. Cancer
2. Organismal Injury and Abnormalities
3. Gastrointestinal Disease
4. Reproductive System Disease
5. Inflammatory Response

Supplementary Figure S5