

19 (5.1%)

80 (21.7%)

110 (29.8%)

33 (8.9%)

36 (9.8%)

14 (3.8%)

5 (1.4%)

2 (0.5%)

2 (0.5%)

1 (0.3%)

0 (0.0%)

9 (2.4%)

20 (5.4%)

2 (0.5%)

eQTL

Hi-C

Horizontal bar chart showing the enrichment of biological processes in the top 100 genes. The x-axis represents $-\log_{10}(P_{adj})$ (ranging from 0 to 4). The y-axis lists biological processes. A color scale on the right indicates $\log(OR)$ (ranging from 0 to 4).

Biological Process	$-\log_{10}(P_{adj})$	$\log(OR)$
Prostate gland development	~4.3	~3.8
DNA damage response (only ATM dependent)	~4.3	~3.2
Positive regulation of transcription by RNA polymerase II	~4.0	~1.2
Toxin transport	~3.2	~2.8
Cellular response to glucose starvation	~2.8	~2.5
Cellular response to BMP stimulus	~2.7	~2.5
Regulation of mitotic cell cycle	~2.7	~2.5
Collagen catabolic process	~2.7	~2.5
ATM signaling pathway	~2.5	~2.5
Definitive hemopoiesis	~2.5	~3.5