

# **CancerDiscover: an integrative pipeline for cancer biomarker and cancer class prediction from high-throughput sequencing data**

## **SUPPLEMENTARY MATERIALS**

**Supplementary File 1: CancerDiscover User Manual for detailed installation/operation instructions**

See Supplementary File 1

**Supplementary File 2: List of the available feature selection methods**

See Supplementary File 2

**Supplementary File 3: Comparisons of CancerDiscover with other tools**

Model	CancerDiscover	GenePattern	Chipster	Aliferis
Tumor vs. normal	99.21	98.43*	97.63*	94.97*
Adeno vs. squamous	99.06	99.06*	98.82*	96.83*

The accuracies of CancerDiscover, GenePattern, Chipster, and Aliferis.

\*Due to the unavailability of analysis components, CancerDiscover components were used.