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List of Acronyms

ALL Acute Lymphoblastic Leukemia. 11

AML Acute Myeloid Leukemia. 12

DBNs Deep Belief Nets. 6

DFL Discrete Function Learning. 14

DNA Deoxyribonucleic Acid. 4

ER+ Estrogen Receptor Positive. 26

ER- Estrogen Receptor Negative. 26

FCBF Fast Correlation Based Filter. 11

HCC Hepatocellular Carcinoma. ii

HER2+ Human Epidermal Growth Factor Receptor 2 Positive. 26

HER2- Human Epidermal Growth Factor Receptor 2 Negative. 26

KNN K-Nearest Neighbors. 11

LDS Low Density Separation. 15

MiRNAs MicroRNAs. 5

MLFS Multilevel Feature Selection. ii

MLL Mixed Lineage Leukemia. 12

mRNA Messenger RNA. 14

PAM Prediction Analysis of Microarrays. 14

RBMs Restricted Boltzmann Machines. 6

RFE Recursive Feature Elimination. 12

RFs Random Forests. 24

RNA Ribonucleic Acid. 5

SNP Single Nucleotide Polymorphism. 59

SRBCT Small Round Blue Cell Tumors. 35

SVM Support Vector Machine. 11