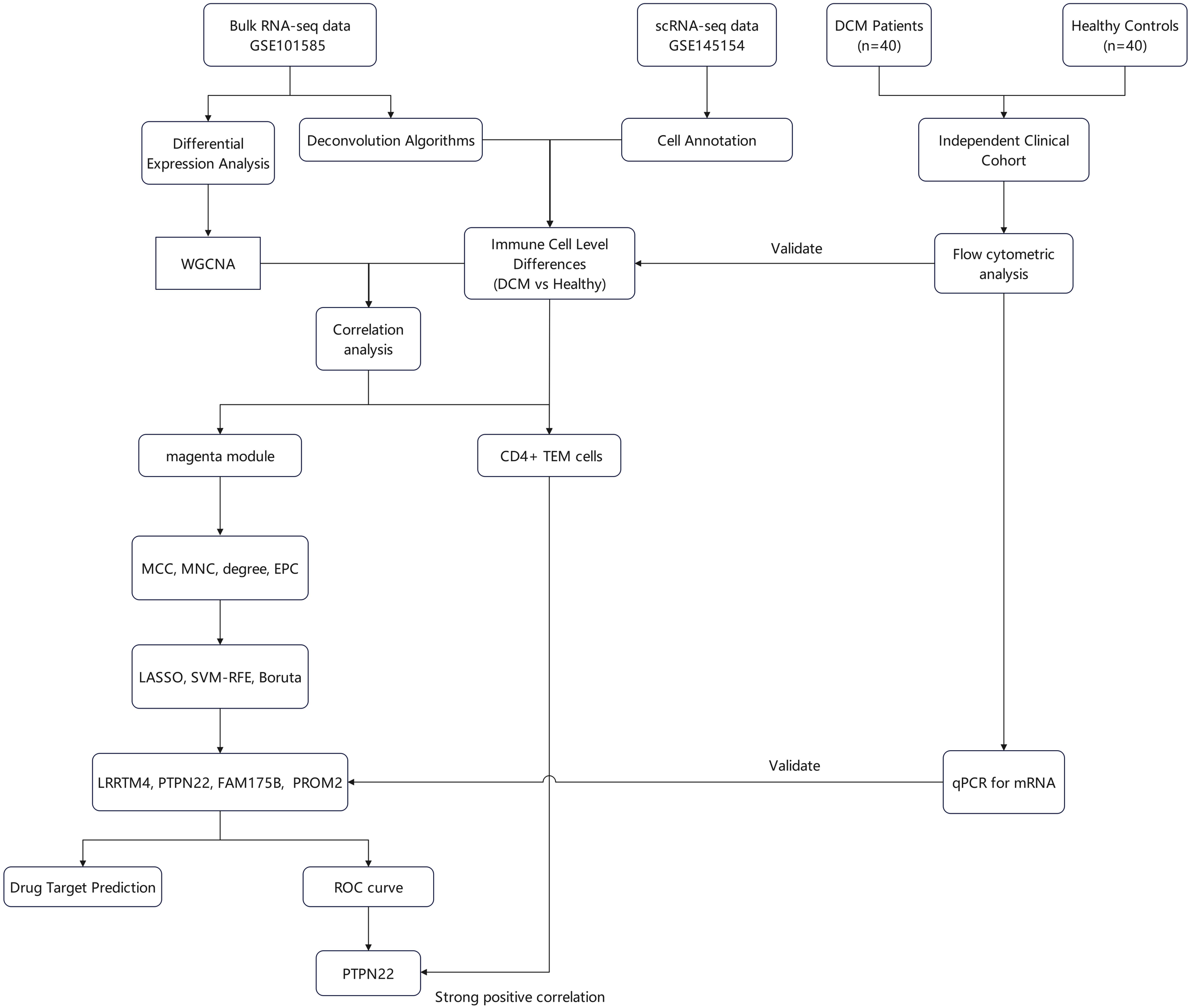
Bulk RNA-seq data
GSE101585
scRNA-seq data
GSE145154
DCM Patients
(n=40)
Healthy Controls
(n=40)
Differential
Expression Analysis
Deconvolution Algorithms
Cell Annotation
Independent Clinical
Cohort
WGCNA
Immune Cell Level
Differences
(DCM vs Healthy)
Validate
Flow cytometric
analysis
Correlation
analysis
magenta module
CD4+ TEM cells
MCC, MNC, degree, EPC
LASSO, SVM-RFE, Boruta
LRRTM4, PTPN22, FAM175B, PROM2
Validate
qPCR for mRNA
Drug Target Prediction
ROC curve
PTPN22
Strong positive correlation