Gene Set 1391: LINDGREN_BLADDER_CANCER_CLUSTER_1_DN **Gene Set Null Distribution** Gene Set Null Density 2.5 Observed Gene Set ES value 0.0 2.0 Running Enrichment Score (RES) 1.5 -0.5 P(ES) Zero crossing at 13352 Peak at 20753 1.0 0.5 -1.0 0.0 Neg. ES "Malignant" Pos. ES: "Benign" "Benign" "Malignant" 5000 10000 15000 20000 25000 0.0 0.4 0.6

ES = -0.528 NES = -1.78 Nom. p-val= 0.00604 FWER= 0.699 FDR= 0.392

Gene List Index Number of genes: 25691 (in list), 360 (in gene set)

