Gene Set Null Distribution Gene Set 2842: SMID BREAST CANCER RELAPSE IN BRAIN DI 0.4 Gene Set Null Density Observed Gene Set ES value 0.2 က Running Enrichment Score (RES) 0.0 -0.2 2 P(ES) Zero crossing at 13352 Peak at 3993 4.0-9.0 0 Neg. ES "Malignant" Pos. ES: "Benign" "Benign" "Malignant" 5000 10000 15000 20000 25000 -0.6 -0.20.0 0.4 0.2 0.6 Gene List Index Number of genes: 25691 (in list), 82 (in gene set)

ES = 0.417 NES = 1.5 Nom. p-val= 0.0625 FWER= 1 FDR= 1

