Gene Set 3261: NGO MALIGNANT GLIOMA 1P LOH **Gene Set Null Distribution Heat Map for Genes in Gene Set** Malignant Benign Class Gene Set Null Density TPM3 0.5 2.0 Observed Gene Set ES value **RPSA** TPM4 STMN1 Running Enrichment Score (RES) 1.5 HSPA5 0.0 **HNRNPK** HSP90AB1 P(ES) Zero crossing at 8459 Peak at 5481 1.0 PGK1 PARK7 -0.5 SEPT2 VIM 0.5 ECHS₁ **EN01** -1.0 **ANXA2** 0.0 **GAPDH** Neg. ES "Malignant" Pos. ES: "Benign" "Benign" "Malignant" P4HB GSM721593 GSM721595 GSM721596 GSM721598 GSM721619 GSM721620 GSM721625 GSM721594 GSM721621 GSM721622 GSM721623 GSM721624 GSM721597 0.5 5000 10000 15000 20000 25000 -0.5 0.0 Gene List Index Number of genes: 25691 (in list), 16 (in gene set) ES = 0.645 NES = 1.58 Nom. p-val= 0.0248 FWER= 0.967 FDR= 1