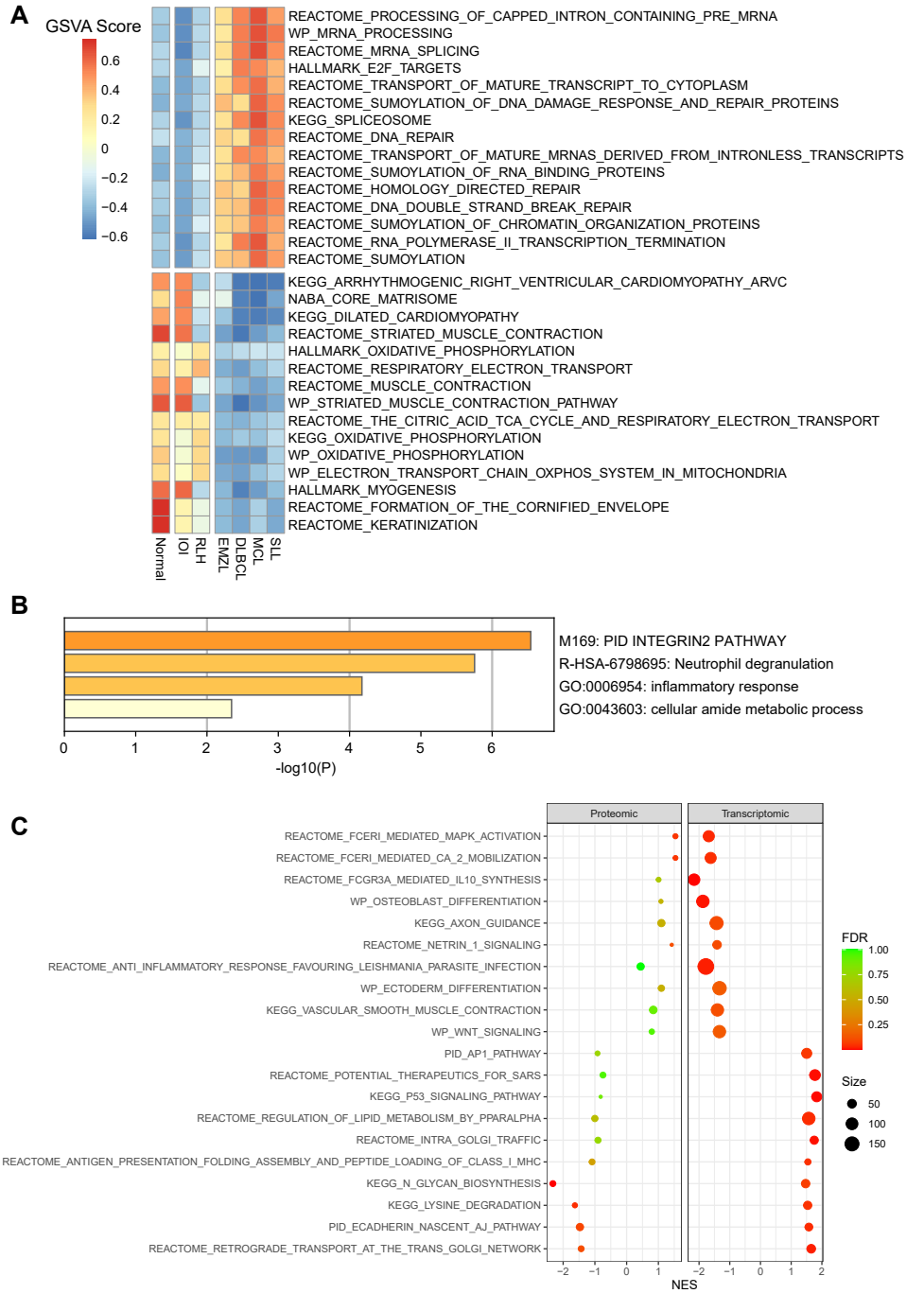
Figure S2


A
GSVA Score
0.6
0.4
0.2
0
−0.2
−0.4
−0.6
REACTOME_PROCESSING_OF_CAPPED_INTRON_CONTAINING_PRE_MRNA
WP_MRNA_PROCESSING
REACTOME_MRNA_SPLICING
HALLMARK_E2F_TARGETS
REACTOME_TRANSPORT_OF_MATURE_TRANSCRIPT_TO_CYTOPLASM
REACTOME_SUMOYLATION_OF_DNA_DAMAGE_RESPONSE_AND_REPAIR_PROTEINS
KEGG_SPLICEOSOME
REACTOME_DNA_REPAIR
REACTOME_TRANSPORT_OF_MATURE_MRNAS_DERIVED_FROM_INTRONLESS_TRANSCRIPTS
REACTOME_SUMOYLATION_OF_RNA_BINDING_PROTEINS
REACTOME_HOMOLOGY_DIRECTED_REPAIR
REACTOME_DNA_DOUBLE_STRAND_BREAK_REPAIR
REACTOME_SUMOYLATION_OF_CHROMATIN_ORGANIZATION_PROTEINS
REACTOME_RNA_POLYMERASE_II_TRANSCRIPTION_TERMINATION
REACTOME_SUMOYLATION
KEGG_ARRHYTHMOGENIC_RIGHT_VENTRICULAR_CARDIOMYOPATHY_ARVC
NABA_CORE_MATRISOME
KEGG_DILATED_CARDIOMYOPATHY
REACTOME_STRIATED_MUSCLE_CONTRACTION
HALLMARK_OXIDATIVE_PHOSPHORYLATION
REACTOME_RESPIRATORY_ELECTRON_TRANSPORT
REACTOME_MUSCLE_CONTRACTION
WP_STRIATED_MUSCLE_CONTRACTION_PATHWAY
REACTOME_THE_CITRIC_ACID_TCA_CYCLE_AND_RESPIRATORY_ELECTRON_TRANSPORT
KEGG_OXIDATIVE_PHOSPHORYLATION
WP_OXIDATIVE_PHOSPHORYLATION
WP_ELECTRON_TRANSPORT_CHAIN_OXPHOS_SYSTEM_IN_MITOCHONDRIA
HALLMARK_MYOGENESIS
REACTOME_FORMATION_OF_THE_CORNIFIED_ENVELOPE
REACTOME_KERATINIZATION
Normal
IOI
RLH
EMZL
DLBCL
MCL
SLL
B
M169: PID INTEGRIN2 PATHWAY
R-HSA-6798695: Neutrophil degranulation
GO:0006954: inflammatory response
GO:0043603: cellular amide metabolic process
0
1
2
3
4
5
6
-log10(P)
C
Proteomic
Transcriptomic
REACTOME_FCERI_MEDIATED_MAPK_ACTIVATION
REACTOME_FCERI_MEDIATED_CA_2_MOBILIZATION
REACTOME_FCGR3A_MEDIATED_IL10_SYNTHESIS
WP_OSTEOBLAST_DIFFERENTIATION
KEGG_AXON_GUIDANCE
REACTOME_NETRIN_1_SIGNALING
REACTOME_ANTI_INFLAMMATORY_RESPONSE_FAVOURING_LEISHMANIA_PARASITE_INFECTION
WP_ECTODERM_DIFFERENTIATION
KEGG_VASCULAR_SMOOTH_MUSCLE_CONTRACTION
WP_WNT_SIGNALING
PID_AP1_PATHWAY
REACTOME_POTENTIAL_THERAPEUTICS_FOR_SARS
KEGG_P53_SIGNALING_PATHWAY
REACTOME_REGULATION_OF_LIPID_METABOLISM_BY_PPARALPHA
REACTOME_INTRA_GOLGI_TRAFFIC
REACTOME_ANTIGEN_PRESENTATION_FOLDING_ASSEMBLY_AND_PEPTIDE_LOADING_OF_CLASS_I_MHC
KEGG_N_GLYCAN_BIOSYNTHESIS
KEGG_LYSINE_DEGRADATION
PID_ECADHERIN_NASCENT_AJ_PATHWAY
REACTOME_RETROGRADE_TRANSPORT_AT_THE_TRANS_GOLGI_NETWORK
−2
−1
0
1
2
NES
FDR
1.00
0.75
0.50
0.25
Size
50
100
150