

Supplementary 1

http://www.cbioportal.org/index.do?cancer_study_list=paad_tcga&cancer_study_id=paad_tcga&genetic_profile_ids_PROFILE_MUTATION_EXTENDED=paad_tcga_mutations&genetic_profile_ids_PROFILE_COPY_NUMBER_ALTERATION=paad_tcga_gistic&genetic_profile_ids_PROFILE_MRNA_EXPRESSION=paad_tcga_rna_seq_v2_mrna_median_Zscores&Z_SCORE_THRESHOLD=2.0&genetic_profile_ids_PROFILE_PROTEIN_EXPRESSION=paad_tcga_rppa_Zscores&RPPA_SCORE_THRESHOLD=2.0&data_priority=0&case_set_id=paad_tcga_rna_seq_v2_mrna&case_ids=&patient_case_select=sample&gene_set_choice=user-defined-list&gene_list=MALAT1&clinical_param_selection=null&tab_index=tab_visualize&Action=Submit&show_samples=false&

Supplementary 2

overlapping genes
STAT2
NBN
TOP2A
SMC1A
FOS
FOSB
CUX1
GATA1
DDIT3
HIRA
MED26
ELP4
JUNB
KLF9
NOTCH4
EHF
TRAPPC2
MLLT6
TSSK4
PPARA
NFRKB
NFIL3
TCERG1
TRIM24
NFE2L3
PAIP1
SARS2
AGGF1
LUC7L3
SRSF5

GSPT1
GRSF1
ZNF638
DDX17
POLA1
PMS2
RAD23B
DUT
POLE3
TSN
MAPK8
MAP3K6
NR4A3
DERL1
AGER
PRMT2
MAST2
CCND1
PIM1
DSP
TRIB2
AURKC
MAP3K8
UBE3C
SIRT3
GGCX
SERP1
FNTB
SEPHS1
UBE2K
UBE2H
SNX6
ADM
PER1
CDKN2B
TNFSF15
PXN
RHOB
CARD8
RICTOR
TRADD
ECT2
CRIPAK

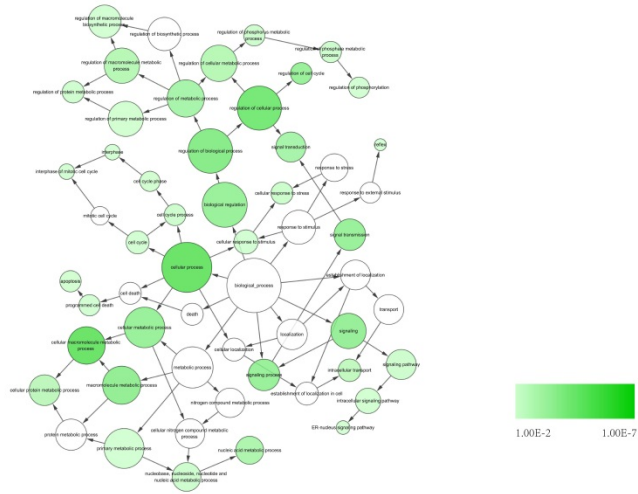
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PIK3CB
S1PR4
IFNAR1
RRAGC
STYXL1
VEGFA
GNRH1
SERPINB9
TLE2
FGF17
TNFSF9
RGS16
RHO
GEM
TRPV1
RASD1
CLEC1A
IL13RA1
PIP5K1A
VEGFC
RPS6KC1
NR4A1
GNG12
RSU1
STAT6
PEX11A
IQGAP1
CACNA1I
EIF4A2
EIF5
EIF3A
HSP90AA1
MYH9
EIF2B1
ATG4C
ATG4B
LMAN1
SPCS1
SPEG
CGREF1
MAGED1

ING1
PPP1R15A
BFAR
SERTAD3
RACGAP1
KRTAP5-9
KRT15
LAMC2
EGR2
DGCR2
EGR3
DRP2
HMGB3
AFF3
ZMYM6
TTK
CHRNA10
CDC16
RAPGEF3
CLK1
MKI67
ZFP36L2
TIA1
CDH1
TMED10
KIF1B
LRPPRC
KIF5B
SNAP29
CYTH2
NEBL
TIMM17A
SUV39H2
SATB1
ATXN7
FMR1
NUFIP2
ADI1
SMC2
NXF3
BACH1
SLC33A1
TM9SF2

NUCB2
TMEM50B
ATP5G3
PPOX
USO1
ERLIN2
GOSR1
SEC62
SDHD
NEK2
GGA2
GOLGA4
EIF4E
PGS1
RDH14
PGAP1
YIPF4
YWHAB
SLC25A27
KIAA0141
TMED5
TMED9
EHHADH
TRAK2
DCAF7
TXNIP
PAFAH1B2
PLCG1
DDIT4
PPP2R5E
CBS
RBM39
RPP14
CCNY
SH3BP4
WDR33
MCM10
METTL3
USP37
PNN
KCNH4
KCNMA1
CACNB1

APP
MET
SLC31A1
AQP7
CAPRIN1
TRPM1
NGFR
VAMP1
EPB42
CLIP2
HIST4H4
EFHC1
EBNA1BP2
KREMEN1
PCYT1A
ATF3
RLF
SOX4
DGKE
CLK2
PLS1
RAB2A

Supplementary 3



Supplementary 4



Supplementary 5

