

Supplementary Materials – Table S1

Potential association of HSPD1 with dysregulations in ribosome biogenesis and immune cell infiltration in lung adenocarcinoma: An integrated bioinformatic approach

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Supplementary Table S1: List of the top 25 positively- and negatively-correlated genes with HSPD1 in LUAD from UALCAN.

Genes	Ensembl	Gene Name	Pearson Correlation coefficient
<i>Positively correlated genes</i>			
HSPE1	ENSG00000115541	Heat shock protein family E (Hsp10) member 1	0.78
NOP58	ENSG00000055044	NOP58 ribonucleoprotein	0.67
LRPPRC	ENSG00000138095	Leucine rich pentatricopeptide repeat containing	0.67
NCL	ENSG00000115053	Nucleolin	0.66
MARS2	ENSG00000247626	Methionyl-tRNA synthetase 2, mitochondrial	0.66
WDR75	ENSG00000115368	WD repeat domain 75	0.65
FARSB	ENSG00000116120	Phenylalanyl-tRNA synthetase beta subunit	0.65
WDR12	ENSG00000138442	WD repeat domain 12	0.65
GTPBP4	ENSG00000107937	GTP binding protein 4	0.64
FKBP4	ENSG00000004478	FK506 binding protein 4	0.63
MTIF2	ENSG00000085760	Mitochondrial translational initiation factor 2	0.63
NDUFS1	ENSG00000023228	NADH:ubiquinone oxidoreductase core subunit S1	0.63
PA2G4	ENSG00000170515	Proliferation-associated 2G4	0.63
EIF3J	ENSG00000104131	Eukaryotic translation initiation factor 3 subunit J	0.62
HSPA9	ENSG00000113013	Heat shock protein family A (Hsp70) member 9	0.62
GTF3C3	ENSG00000119041	General transcription factor IIIC subunit 3	0.62
ZC3H15	ENSG00000065548	Zinc finger CCCH-type containing 15	0.62
FOXM1	ENSG00000111206	Forkhead box M1	0.62
PGAM5	ENSG00000247077	PGAM family member 5, mitochondrial serine/threonine protein phosphatase	0.62
AURKA	ENSG00000087586	Aurora kinase A	0.62
NOLC1	ENSG00000166197	Nucleolar and coiled-body phosphoprotein 1	0.62
MRPL42	ENSG00000198015	Mitochondrial ribosomal protein L42	0.61
C2orf47	ENSG00000162972	Chromosome 2 open reading frame 47	0.61
FANCI	ENSG00000140525	Fanconi anemia complementation group I	0.61
CCT7	ENSG00000135624	Chaperonin containing TCP1 subunit 7	0.6
<i>Negatively correlated genes</i>			
TNFSF12	ENSG00000239697	Tumor necrosis factor superfamily member 12	-0.51
LYL1	ENSG00000104903	LYL1, basic helix-loop-helix family member	-0.41
FCGRT	ENSG00000104870	Fc fragment of IgG receptor and transporter	-0.41
NAPSB	ENSG00000131401	Napsin B aspartic peptidase, pseudogene	-0.4
SEPW1	ENSG00000178980	Selenoprotein W	-0.4
MARCH2	ENSG00000099785	Membrane associated ring-CH-type finger 2	-0.4
PPM1M	ENSG00000164088	Protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent 1M	-0.39
LTC4S	ENSG00000213316	Leukotriene C4 synthase	-0.39
ARHGDIIB	ENSG00000111348	Rho GDP dissociation inhibitor beta	-0.38

C21orf2	ENSG00000160226	Chromosome 21 open reading frame 2	-0.38
COX7A1	ENSG00000161281	Cytochrome c oxidase subunit 7A1	-0.38
GNG7	ENSG00000176533	G protein subunit gamma 7	-0.38
ABTB1	ENSG00000114626	Ankyrin repeat and BTB domain containing 1	-0.38
PLAC9	ENSG00000189129	Placenta specific 9	-0.38
RILP	ENSG00000167705	Rab interacting lysosomal protein	-0.38
PIK3IP1	ENSG00000100100	Phosphoinositide-3-kinase interacting protein 1	-0.38
C1orf133	ENSG00000203706	Chromosome 1 open reading frame 133 (SERTAD4-AS1)	-0.37
TNFSF13	ENSG00000161955	Tumor necrosis factor superfamily member 13	-0.37
TSPAN4	ENSG00000214063	Tetraspanin 4	-0.37
UBTD1	ENSG00000165886	Ubiquitin domain containing 1	-0.36
LY86	ENSG00000112799	Lymphocyte antigen 86	-0.36
RPS6KA1	ENSG00000117676	Ribosomal protein S6 kinase A1	-0.36
RRAS	ENSG00000126458	Related RAS viral (r-ras) oncogene homolog	-0.36
GNPTG	ENSG00000090581	N-acetylglucosamine-1-phosphate transferase gamma subunit	-0.36
CD81	ENSG00000110651	CD81 molecule	-0.36
