

Supplementary Table 1. Clinical and pathological characteristics of lung cancer patients for Osteoprotegerin measurement by ELISA

	Controls	Cases
Smoking status		
Yes	07	17
No ¹	17	08
x ²	01	
Gender		
Female	15	10
Male	10	15
Age		
Mean	42	62
SD	09	14
Stage		
III		03
IV		22
Histology³		
ADC		08
SCC		06
BAC		01
LCC		01
Unspecified NSCLC		09

¹. < 100 cigarettes/lifetime.

². x, unknown.

³. ADC, adenocarcinoma; SCC, squamous cell carcinoma; BAC, bronchioloalveolar carcinoma; LCC, large cell carcinoma; NSCLC, non-small cell lung carcinoma.

Supplementary Table 2. Clinical and pathological characteristics of lung cancer patients for sTNF RI measurement by ELISA

	Controls	Cases
Smoking status		
Yes	07	16
No ¹	14	09
x ²	04	
Gender		
Female	08	11
Male	17	14
Age		
Mean	36	62
SD	08	11
Stage		
III		04
IV		20
x ²		01
Histology³		
ADC		14
SCC		04
BAC		01
Unspecified NSCLC		06

¹.< 100 cigarettes/lifetime.

². x, unknown.

³. ADC, adenocarcinoma; SCC, squamous cell carcinoma; BAC, bronchioloalveolar carcinoma; NSCLC, non-small cell lung carcinoma.

Supplementary Table 3. Clinical and pathological characteristics of lung cancer patients for

Follistatin measurement by ELISA

	Controls	Cases
Smoking status		
Yes	07	17
No ¹	17	08
x ²	01	
Gender		
Female	15	10
Male	10	15
Age		
Mean	42	62
SD	09	14
Stage		
III		02
IV		23
Histology³		
ADC		08
SCC		06
LCC		01
Unspecified NSCLC		10

¹. < 100 cigarettes/lifetime.

². x, unknown.

³. ADC, adenocarcinoma; SCC, squamous cell carcinoma; LCC, large cell carcinoma;

NSCLC, non-small cell lung carcinoma.

Supplementary Table 4. Clinical and pathological characteristics of lung cancer patients for ADAM-17 measurement by ELISA

	Controls	Cases
Smoking status		
Yes	04	15
No ¹	16	06
x ²	01	
Gender		
Female	14	08
Male	07	13
Age		
Mean	41	61
SD	09	13
Stage		
III		03
IV		18
Histology³		
ADC		07
SCC		06
BAC		01
LCC		01
Unspecified NSCLC		06

¹. < 100 cigarettes/lifetime.

². x, unknown.

³. ADC, adenocarcinoma; SCC, squamous cell carcinoma; BAC, bronchioloalveolar carcinoma; LCC, large cell carcinoma; NSCLC, non-small cell lung carcinoma.

Supplementary Table 5. Clinical and pathological characteristics of lung cancer patients for Pentraxin 3 by ELISA

	Controls	Cases
Smoking status		
Yes	08	19
No ¹	15	06
x ²	02	
Gender		
Female	08	12
Male	17	13
Age		
Mean	34	64
SD	09	10
Stage		
III		05
IV		19
x ²		01
Histology³		
ADC		10
SCC		06
Unspecified NSCLC		09

¹. < 100 cigarettes/lifetime.

². x, unknown.

³. ADC, adenocarcinoma; SCC, squamous cell carcinoma; NSCLC, non-small cell lung carcinoma.

Supplementary Table 6: List of proteins identified by mass spectrometry i

Protein name
Gene_Symbol=- 12 kDa protein
Gene_Symbol=- 23 kDa protein
Gene_Symbol=- 25 kDa protein
Gene_Symbol=- 31 kDa protein
Gene_Symbol=- 35 kDa protein
Gene_Symbol=- 71 kDa protein
Gene_Symbol=- Novel protein similar to Pre-B cell enhancing factor
Gene_Symbol=- P37 AUF1
Gene_Symbol=- P40
Gene_Symbol=- Protein
Gene_Symbol=AARS Alanyl-tRNA synthetase, cytoplasmic
Gene_Symbol=ABCE1 ATP-binding cassette sub-family E member 1
Gene_Symbol=ACAT2 Acetyl-CoA acetyltransferase, cytosolic
Gene_Symbol=ACLY ATP-citrate synthase
Gene_Symbol=ACOT7 Isoform 2 of Cytosolic acyl coenzyme A thioester hydrolase
Gene_Symbol=ACP1 Isoform 1 of Low molecular weight phosphotyrosine protein phosphatase
Gene_Symbol=ACTA1 Actin, alpha skeletal muscle
Gene_Symbol=ACTB Actin, cytoplasmic 1
Gene_Symbol=ACTN1 Alpha-actinin-1
Gene_Symbol=ACTN4 Alpha-actinin-4
Gene_Symbol=ACTR2 actin-related protein 2 isoform a
Gene_Symbol=ACTR3 Actin-like protein 3
Gene_Symbol=ADAM10 ADAM 10 precursor
Gene_Symbol=ADAM17 Isoform A of ADAM 17 precursor
Gene_Symbol=ADAM19 Isoform A of ADAM 19 precursor
Gene_Symbol=ADAM9 Isoform 1 of ADAM 9 precursor
Gene_Symbol=ADAMTS12 ADAM metalloproteinase with thrombospondin type 1 motif, 12 preproprotein
Gene_Symbol=ADAMTS19 ADAMTS-19 precursor
Gene_Symbol=ADAMTSL1 ADAMTS-like 1 isoform 1
Gene_Symbol=ADH5 Class III alCohol dehydrogenase 5 Chi subunit
Gene_Symbol=ADI1 Isoform 1 of 1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase
Gene_Symbol=ADK Isoform Short of Adenosine kinase
Gene_Symbol=ADSS Adenylosuccinate synthetase isozyme 2
Gene_Symbol=AGRN Agrin precursor
Gene_Symbol=AHCY Adenosylhomocysteinase
Gene_Symbol=AHSA1 Activator of 90 kDa heat shock protein ATPase homolog 1
Gene_Symbol=AK2 Isoform 1 of Adenylate kinase isoenzyme 2, mitochondrial
Gene_Symbol=AKR1A1 Alcohol dehydrogenase
Gene_Symbol=AKR1B1 Aldose reductase
Gene_Symbol=AKR1C1 Aldo-keto reductase family 1 member C1
Gene_Symbol=ALB ALB protein
Gene_Symbol=ALCAM Isoform 1 of CD166 antigen precursor
Gene_Symbol=ALDH1A1 Retinal dehydrogenase 1
Gene_Symbol=ALDH3A1 Aldehyde dehydrogenase, dimeric NADP-preferring
Gene_Symbol=ALDOA Fructose-bisphosphate aldolase A
Gene_Symbol=ALDOC Fructose-bisphosphate aldolase C
Gene_Symbol=ANP32A Acidic leucine-rich nuclear phosphoprotein 32 family member A
Gene_Symbol=ANP32B Isoform 1 of Acidic leucine-rich nuclear phosphoprotein 32 family member B
Gene_Symbol=ANXA2 annexin A2 isoform 1
Gene_Symbol=ANXA5 Annexin A5
Gene_Symbol=APEH Acylamino-acid-releasing enzyme
Gene_Symbol=APEX1 DNA-(apurinic or apyrimidinic site) lyase
Gene_Symbol=APLP2 Isoform 1 of Amyloid-like protein 2 precursor
Gene_Symbol=APOA1BP apolipoprotein A-I binding protein precursor
Gene_Symbol=APP Isoform APP770 of Amyloid beta A4 protein precursor (Fragment)

Gene_Symbol=APRT Adenine phosphoribosyltransferase
Gene_Symbol=ARF1 ADP-ribosylation factor 1
Gene_Symbol=ARHGDI20 20 kDa protein
Gene_Symbol=ARTS-1 type 1 tumor necrosis factor receptor shedding aminopeptidase regulator isoform a
Gene_Symbol=ATIC Bifunctional purine biosynthesis protein PURH
Gene_Symbol=ATP1A1 Isoform Long of Sodium/potassium-transporting ATPase alpha-1 chain precursor
Gene_Symbol=ATP1A2 Sodium/potassium-transporting ATPase alpha-2 chain precursor
Gene_Symbol=ATP1B3 Sodium/potassium-transporting ATPase subunit beta-3
Gene_Symbol=ATP6AP1 53 kDa protein
Gene_Symbol=ATP6AP2 Renin receptor precursor
Gene_Symbol=ATP6V1B2 Vacuolar ATP synthase subunit B, brain isoform
Gene_Symbol=ATP6V1G2;BAT1 BAT1 protein
Gene_Symbol=AZGP1 alpha-2-glycoprotein 1, zinc
Gene_Symbol=B2M Beta-2-microglobulin precursor
Gene_Symbol=B3GAT3 Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 3
Gene_Symbol=B3GNT1 N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase
Gene_Symbol=B4GALT1 Isoform Long of Beta-1,4-galactosyltransferase 1
Gene_Symbol=B4GALT4 Beta-1,4-galactosyltransferase 4
Gene_Symbol=BCCIP BRCA2 and CDKN1A-interacting protein isoform C
Gene_Symbol=BID Isoform 1 of BH3-interacting domain death agonist
Gene_Symbol=BLMH Bleomycin hydrolase
Gene_Symbol=BOLA2B;BOLA2 Bola-like protein 2 isoform a
Gene_Symbol=BSG 46 kDa protein
Gene_Symbol=BTF3 Isoform 2 of Transcription factor BTF3
Gene_Symbol=BUB3 Mitotic checkpoint protein BUB3
Gene_Symbol=C11orf58 Small acidic protein
Gene_Symbol=C14orf166 Protein C14orf166
Gene_Symbol=C19orf10 Uncharacterized protein C19orf10 precursor
Gene_Symbol=C1QBP Complement component 1 Q subcomponent-binding protein, mitochondrial precursor
Gene_Symbol=C1R Complement C1r subcomponent precursor
Gene_Symbol=C20orf77 Uncharacterized protein C20orf77
Gene_Symbol=C22orf28 UPF0027 protein C22orf28
Gene_Symbol=C6orf15 Uncharacterized protein C6orf15 precursor
Gene_Symbol=CA6 Carbonic anhydrase 6 precursor
Gene_Symbol=CACYBP Isoform 1 of Calcyclin-binding protein
Gene_Symbol=CAD CAD protein
Gene_Symbol=CADM1 Nectin-like protein 2
Gene_Symbol=CALM3;CALM2;CALM1 Calmodulin
Gene_Symbol=CALR Calreticulin precursor
Gene_Symbol=CALU Isoform 1 of Calumenin precursor
Gene_Symbol=CANT1 Isoform 1 of Soluble calcium-activated nucleotidase 1
Gene_Symbol=CANX Calnexin precursor
Gene_Symbol=CAP1 Adenylyl cyclase-associated protein 1
Gene_Symbol=CAPZA1 F-actin capping protein subunit alpha-1
Gene_Symbol=CAPZB Capping protein (Actin filament) muscle Z-line, beta
Gene_Symbol=CARHSP1 Calcium-regulated heat stable protein 1
Gene_Symbol=CARS cysteinyl-tRNA synthetase isoform c
Gene_Symbol=CAST Isoform 2 of Calpastatin
Gene_Symbol=CBFB Core-binding factor subunit beta
Gene_Symbol=CBR1 Carbonyl reductase [NADPH] 1
Gene_Symbol=CBX1 Chromobox protein homolog 1
Gene_Symbol=CBX3;LOC653972 Chromobox protein homolog 3
Gene_Symbol=CCT2 T-complex protein 1 subunit beta
Gene_Symbol=CCT3 chaperonin containing TCP1, subunit 3 isoform b
Gene_Symbol=CCT4 T-complex protein 1 subunit delta
Gene_Symbol=CCT5 T-complex protein 1 subunit epsilon
Gene_Symbol=CCT6A T-complex protein 1 subunit zeta
Gene_Symbol=CCT7 T-complex protein 1 subunit eta
Gene_Symbol=CCT8 Chaperonin containing TCP1, subunit 8 (Theta) variant

Gene_Symbol=CD276 Isoform 1 of CD276 antigen precursor
Gene_Symbol=CD44 Isoform 12 of CD44 antigen precursor
Gene_Symbol=CD46 CD46 antigen, complement regulatory protein isoform 13 precursor
Gene_Symbol=CD81 CD81 antigen
Gene_Symbol=CD9 CD9 antigen
Gene_Symbol=CDH1 Epithelial-cadherin precursor
Gene_Symbol=CDH2 Cadherin-2 precursor
Gene_Symbol=CDH3 CDH3 protein
Gene_Symbol=CDV3 Protein CDV3 homolog
Gene_Symbol=CES1 Isoform 2 of Liver carboxylesterase 1 precursor
Gene_Symbol=CFDP1 Isoform 1 of Craniofacial development protein 1
Gene_Symbol=CFL1 Cofilin-1
Gene_Symbol=CHGB Secretogranin-1 precursor
Gene_Symbol=CHID1 Isoform 2 of Chitinase domain-containing protein 1 precursor
Gene_Symbol=CHL1 Isoform 2 of Neural cell adhesion molecule L1-like protein precursor
Gene_Symbol=CHORDC1 Cysteine and histidine-rich domain-containing protein 1
Gene_Symbol=CHRDL1 Ventroptin (Fragment)
Gene_Symbol=CIAPIN1 Isoform 3 of Anamorsin
Gene_Symbol=CIRBP 32 kDa protein
Gene_Symbol=CKB Creatine kinase B-type
Gene_Symbol=CLIC1 Chloride intracellular channel protein 1
Gene_Symbol=CLIC4 Chloride intracellular channel protein 4
Gene_Symbol=CLINT1 Isoform 1 of Clathrin interactor 1
Gene_Symbol=CLSTN1 calsynenin 1 isoform 2
Gene_Symbol=CLSTN3 Alcadein beta
Gene_Symbol=CLTC Isoform 1 of Clathrin heavy chain 1
Gene_Symbol=CMPK cytidylate kinase
Gene_Symbol=CNBP Isoform 2 of Cellular nucleic acid-binding protein
Gene_Symbol=CNDP2 PP856
Gene_Symbol=CNN2 Calponin-2
Gene_Symbol=CNN3 Calponin-3
Gene_Symbol=CNTN1 Isoform 1 of Contactin-1 precursor
Gene_Symbol=COCH Cochlin precursor
Gene_Symbol=COL18A1 alpha 1 type XVIII collagen isoform 1 precursor
Gene_Symbol=COL6A1 Collagen alpha-1(VI) chain precursor
Gene_Symbol=COPB1 Coatomer subunit beta
Gene_Symbol=CORO1C Coronin-1C
Gene_Symbol=CPE Carboxypeptidase E precursor
Gene_Symbol=CPNE1 59 kDa protein
Gene_Symbol=CPNE1;RBM12 RNA-binding protein 12
Gene_Symbol=CPNE3 Copine-3
Gene_Symbol=CPSF6 Isoform 1 of Cleavage and polyadenylation specificity factor 6
Gene_Symbol=CRAMP1L;HN1L Isoform 1 of Hematological and neurological expressed 1-like protein
Gene_Symbol=CRK v-crk sarcoma virus CT10 oncogene homolog isoform b
Gene_Symbol=CRKL Crk-like protein
Gene_Symbol=CSE1L Isoform 1 of Exportin-2
Gene_Symbol=CSRP1 Cysteine and glycine-rich protein 1
Gene_Symbol=CST1 Cystatin-SN precursor
Gene_Symbol=CST3 Cystatin-C precursor
Gene_Symbol=CSTB Cystatin-B
Gene_Symbol=CSTF2 Isoform 1 of Cleavage stimulation factor 64 kDa subunit
Gene_Symbol=CTNNA1 Isoform 1 of Catenin alpha-1
Gene_Symbol=CTNNB1 similar to Beta-catenin
Gene_Symbol=CTNND1 Isoform 1AB of Catenin delta-1
Gene_Symbol=CTPS CTP synthase 1
Gene_Symbol=CTPS2 CTP synthase 2
Gene_Symbol=CTSC Dipeptidyl-peptidase 1 precursor
Gene_Symbol=CTSD Cathepsin D precursor
Gene_Symbol=CTSZ Cathepsin Z precursor

Gene_Symbol=CTTN Src substrate cortactin
Gene_Symbol=CUL3 Isoform 1 of Cullin-3
Gene_Symbol=CUTA Isoform A of Protein CutA precursor
Gene_Symbol=CXCL14 small inducible cytokine B14 precursor
Gene_Symbol=CYCS Cytochrome c
Gene_Symbol=CYFIP1 145 kDa protein
Gene_Symbol=D4ST1 Carbohydrate sulfotransferase D4ST1
Gene_Symbol=DAG1 Dystroglycan precursor
Gene_Symbol=DBI Isoform a 1 of Acyl-CoA-binding protein
Gene_Symbol=DBN1 Drebrin
Gene_Symbol=DCTN2 dynactin 2
Gene_Symbol=DDB1 damage-specific DNA binding protein 1
Gene_Symbol=DDT D-dopachrome decarboxylase
Gene_Symbol=DDX19A ATP-dependent RNA helicase DDX19A
Gene_Symbol=DDX39 ATP-dependent RNA helicase DDX39
Gene_Symbol=DDX3X ATP-dependent RNA helicase DDX3X
Gene_Symbol=DFFA Isoform DFF45 of DNA fragmentation factor subunit alpha (Fragment)
Gene_Symbol=DHX15 DEAH (Asp-Glu-Ala-His) box polypeptide 15
Gene_Symbol=DHX9 ATP-dependent RNA helicase A
Gene_Symbol=DKFZp686D0972 hypothetical protein LOC345651
Gene_Symbol=DKFZp686O24166 Hypothetical protein DKFZp686I21167
Gene_Symbol=DNAJA1 DnaJ homolog subfamily A member 1
Gene_Symbol=DNAJA2 DnaJ homolog subfamily A member 2
Gene_Symbol=DNAJB1 DnaJ homolog subfamily B member 1
Gene_Symbol=DNAJB11 DnaJ homolog subfamily B member 11 precursor
Gene_Symbol=DNAJC8 DnaJ homolog subfamily C member 8
Gene_Symbol=DNASE2 Deoxyribonuclease-2-alpha precursor
Gene_Symbol=DNM1L Isoform 1 of Dynamin-1-like protein
Gene_Symbol=DNM2 Isoform 1 of Dynamin-2
Gene_Symbol=DNPEP Hypothetical protein DNPEP
Gene_Symbol=DPYSL3 DPYSL3 protein
Gene_Symbol=DSC2 Isoform 2A of Desmocollin-2 precursor
Gene_Symbol=DSG2 desmoglein 2 preproprotein
Gene_Symbol=DSTN Destrin
Gene_Symbol=DUT 24 kDa protein
Gene_Symbol=DYNC1H1 Dynein heavy chain, cytosolic
Gene_Symbol=DYNLL1 Dynein light chain 1, cytoplasmic
Gene_Symbol=EEF1A1 Elongation factor 1-alpha 1
Gene_Symbol=EEF1B2 Elongation factor 1-beta
Gene_Symbol=EEF1D eukaryotic translation elongation factor 1 delta isoform 1
Gene_Symbol=EEF1G Elongation factor 1-gamma
Gene_Symbol=EEF2 Elongation factor 2
Gene_Symbol=EFTUD2 116 kDa U5 small nuclear ribonucleoprotein component
Gene_Symbol=EHD4 EH domain-containing protein 4
Gene_Symbol=EIF1 Eukaryotic translation initiation factor 1
Gene_Symbol=EIF2S1 Eukaryotic translation initiation factor 2 subunit 1
Gene_Symbol=EIF2S3 Eukaryotic translation initiation factor 2 subunit 3
Gene_Symbol=EIF3S1 Eukaryotic translation initiation factor 3 subunit 1
Gene_Symbol=EIF3S2 Eukaryotic translation initiation factor 3 subunit 2
Gene_Symbol=EIF3S3 Eukaryotic translation initiation factor 3 subunit 3
Gene_Symbol=EIF3S4 Eukaryotic translation initiation factor 3 subunit 4
Gene_Symbol=EIF3S6IP DJ1014D13.1 protein
Gene_Symbol=EIF4A1 Eukaryotic initiation factor 4A-I
Gene_Symbol=EIF4B Eukaryotic translation initiation factor 4B
Gene_Symbol=EIF4E Similar to Eukaryotic translation initiation factor 4E
Gene_Symbol=EIF5 Eukaryotic translation initiation factor 5
Gene_Symbol=EIF5A Isoform 2 of Eukaryotic translation initiation factor 5A-1
Gene_Symbol=EIF5B Eukaryotic translation initiation factor 5B
Gene_Symbol=ELAVL1 ELAV-like protein 1

Gene_Symbol=ENO1 Isoform alpha-enolase of Alpha-enolase
Gene_Symbol=ENPP2 Isoform 1 of Ectonucleotide pyrophosphatase/phosphodiesterase family member 2 precursor
Gene_Symbol=ENSA Isoform 2 of Alpha-endosulfine
Gene_Symbol=EPRS glutamyl-prolyl tRNA synthetase
Gene_Symbol=ERH Enhancer of rudimentary homolog
Gene_Symbol=ERP29 Endoplasmic reticulum protein ERp29 precursor
Gene_Symbol=ESD S-formylglutathione hydrolase
Gene_Symbol=EWSR1 CDNA FLJ31747 fis, clone NT2RI2007377, highly similar to RNA-BINDING PROTEIN EWS
Gene_Symbol=EXTL2 EXTL2 protein (Fragment)
Gene_Symbol=F11R Junctional adhesion molecule A precursor
Gene_Symbol=FAM3C Protein FAM3C precursor
Gene_Symbol=FAM49B Protein FAM49B
Gene_Symbol=FARSB Phenylalanyl-tRNA synthetase beta chain
Gene_Symbol=FASN fatty acid synthase
Gene_Symbol=FBLN1 Isoform C of Fibulin-1 precursor
Gene_Symbol=FBLN1 Isoform D of Fibulin-1 precursor
Gene_Symbol=FBLN2 fibulin 2 precursor, isoform a
Gene_Symbol=FGF19 Fibroblast growth factor 19 precursor
Gene_Symbol=FGFBP1 Fibroblast growth factor-binding protein 1 precursor
Gene_Symbol=FGFR1 Isoform 14 of Basic fibroblast growth factor receptor 1 precursor
Gene_Symbol=FGFRL1 Fibroblast growth factor receptor-like 1 precursor
Gene_Symbol=FH Isoform Mitochondrial of Fumarate hydratase, mitochondrial precursor
Gene_Symbol=FKBP1A FKBP1A protein
Gene_Symbol=FKBP3 FK506-binding protein 3
Gene_Symbol=FKBP4 FK506-binding protein 4
Gene_Symbol=FLJ10292 Protein mago nashi homolog 2
Gene_Symbol=FLJ11151 Hypothetical protein FLJ11151
Gene_Symbol=FLJ12684 hypothetical protein LOC79584
Gene_Symbol=FLNA Filamin-A
Gene_Symbol=FN1 fibronectin 1 isoform 2 preproprotein
Gene_Symbol=FN1 Isoform 1 of Fibronectin precursor
Gene_Symbol=FRAS1 Isoform 2 of Extracellular matrix protein FRAS1 precursor
Gene_Symbol=FREM2 Isoform 1 of FRAS1-related extracellular matrix protein 2 precursor
Gene_Symbol=FSCN1 Fascin
Gene_Symbol=FSTL5 Follistatin-related protein 5 precursor
Gene_Symbol=FUBP1 Isoform 2 of Far upstream element-binding protein 1
Gene_Symbol=FUCA2 Plasma alpha-L-fucosidase precursor
Gene_Symbol=FUS Fus-like protein (Fragment)
Gene_Symbol=FUSIP1 FUS interacting protein (Serine/arginine-rich) 1
Gene_Symbol=G3BP1 Ras GTPase-activating protein-binding protein 1
Gene_Symbol=G3BP2 Isoform A of Ras GTPase-activating protein-binding protein 2
Gene_Symbol=G6PD Isoform Long of Glucose-6-phosphate 1-dehydrogenase
Gene_Symbol=GAA Lysosomal alpha-glucosidase precursor
Gene_Symbol=GAK Cyclin G-associated kinase
Gene_Symbol=GAL Galanin precursor
Gene_Symbol=GALNT10 Isoform 1 of Polypeptide N-acetylgalactosaminyltransferase 10
Gene_Symbol=GALNT2 Polypeptide N-acetylgalactosaminyltransferase 2
Gene_Symbol=GALNT6 Polypeptide N-acetylgalactosaminyltransferase 6
Gene_Symbol=GANAB Isoform 2 of Neutral alpha-glucosidase AB precursor
Gene_Symbol=GAPDH Glyceraldehyde-3-phosphate dehydrogenase
Gene_Symbol=GARS GARS protein
Gene_Symbol=GART Isoform Long of Trifunctional purine biosynthetic protein adenosine-3
Gene_Symbol=GBA Isoform Long of Glucosylceramidase precursor
Gene_Symbol=GDF15 Growth/differentiation factor 15 precursor
Gene_Symbol=GDI2 Rab GDP dissociation inhibitor beta
Gene_Symbol=GGH Gamma-glutamyl hydrolase precursor
Gene_Symbol=GIPC1 PDZ domain-containing protein GIPC1
Gene_Symbol=GJA10;MYCBP C-Myc-binding protein
Gene_Symbol=GLG1 golgi apparatus protein 1

Gene_Symbol=GLO1 Lactoylglutathione lyase
Gene_Symbol=GM2A Ganglioside GM2 activator precursor
Gene_Symbol=GMPS GMP synthase
Gene_Symbol=GNB1 Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta 1
Gene_Symbol=GNB2L1 Lung cancer oncogene 7
Gene_Symbol=GNPDA1 Glucosamine-6-phosphate isomerase
Gene_Symbol=GOLPH2 Isoform 2 of Golgi phosphoprotein 2
Gene_Symbol=GOLPH4 golgi phosphoprotein 4
Gene_Symbol=GORASP2 Isoform 2 of Golgi reassembly-stacking protein 2
Gene_Symbol=GOT1 Aspartate aminotransferase, cytoplasmic
Gene_Symbol=GOT2 Aspartate aminotransferase, mitochondrial precursor
Gene_Symbol=GPC1 Glypican-1 precursor
Gene_Symbol=GPC4 Glypican-4 precursor
Gene_Symbol=GPI Glucose-6-phosphate isomerase
Gene_Symbol=GPIAP1 GPI-anchored membrane protein 1
Gene_Symbol=GPR56 G protein-coupled receptor 56 isoform b
Gene_Symbol=GPX3 Glutathione peroxidase 3 precursor
Gene_Symbol=GRB2 Isoform 1 of Growth factor receptor-bound protein 2
Gene_Symbol=GRHPR Glyoxylate reductase/hydroxypyruvate reductase
Gene_Symbol=GSN Isoform 1 of Gelsolin precursor
Gene_Symbol=GSPT1 G1 to S phase transition protein 1 homolog
Gene_Symbol=GSR Isoform Mitochondrial of Glutathione reductase, mitochondrial precursor
Gene_Symbol=GSS Glutathione synthetase
Gene_Symbol=GSTP1 Glutathione S-transferase P
Gene_Symbol=GTPBP9 Isoform 1 of Putative GTP-binding protein 9
Gene_Symbol=HARS Histidyl-tRNA synthetase, cytoplasmic
Gene_Symbol=HBA1;HBA2 Hemoglobin subunit alpha
Gene_Symbol=HBE1 Hemoglobin subunit epsilon
Gene_Symbol=hCG_2015138 similar to Phosphoglycerate mutase 1 (Phosphoglycerate mutase isozyme B) (PGAM-B) (BPG-dependent)
Gene_Symbol=hCG_2028557 similar to unactive progesterone receptor, 23 kD
Gene_Symbol=HDGF Hepatoma-derived growth factor
Gene_Symbol=HEXA Beta-hexosaminidase alpha chain precursor
Gene_Symbol=HINT1 Histidine triad nucleotide-binding protein 1
Gene_Symbol=HIP2 Isoform 2 of Ubiquitin-conjugating enzyme E2-25 kDa
Gene_Symbol=HIST1H4C;HIST2H4B;HIST2H4A;HIST1H4H;HIST1H4F;HIST1H4L;HIST1H4J;HIST1H4B;HIST1H4I;HIST1H4D;HIST4H
Gene_Symbol=HIST2H2AC Histone H2A type 2-C
Gene_Symbol=HK2 Hexokinase-2
Gene_Symbol=HLA-A HLA class I histocompatibility antigen, A-2 alpha chain precursor
Gene_Symbol=HLA-A Isoform 2 of HLA class I histocompatibility antigen, A-11 alpha chain precursor
Gene_Symbol=HLA-C;HLA-B;MICA;LOC730410 HLA class I histocompatibility antigen, B-56 alpha chain precursor
Gene_Symbol=HLA-C;HLA-B;MICA;LOC730410 Isoform 2 of HLA class I histocompatibility antigen, Cw-16 alpha chain precursor
Gene_Symbol=HLA-C;HLA-B;MICA;LOC730410 Major histocompatibility complex, class I, C
Gene_Symbol=HLA-C;HLA-B;MICA;LOC730410 MHC class I antigen heavy chain
Gene_Symbol=HLA-C;HLA-B;MICA;LOC730410 MHC class I chain-related protein A
Gene_Symbol=HLA-H HLA class I histocompatibility antigen, alpha chain H precursor
Gene_Symbol=HMBS Isoform 1 of Porphobilinogen deaminase
Gene_Symbol=HMGB1 High mobility group protein B1
Gene_Symbol=HMGB2 High mobility group protein B2
Gene_Symbol=HMGB3 High mobility group protein B3
Gene_Symbol=HN1 Isoform 2 of Hematological and neurological expressed 1 protein
Gene_Symbol=HNRPA1;HNRPA1L-2 Isoform A1-B of Heterogeneous nuclear ribonucleoprotein A1
Gene_Symbol=HNRPA2B1 Isoform B1 of Heterogeneous nuclear ribonucleoproteins A2/B1
Gene_Symbol=HNRPA3 Isoform 3 of Heterogeneous nuclear ribonucleoprotein A/B
Gene_Symbol=HNRPC Isoform C1 of Heterogeneous nuclear ribonucleoproteins C1/C2
Gene_Symbol=HNRPD heterogenous nuclear ribonucleoprotein D-like
Gene_Symbol=HNRPF Heterogeneous nuclear ribonucleoprotein F
Gene_Symbol=HNRPH1 HNRPH1 protein
Gene_Symbol=HNRPH2 Heterogeneous nuclear ribonucleoprotein H'
Gene_Symbol=HNRPH3 Isoform 1 of Heterogeneous nuclear ribonucleoprotein H3

Gene_Symbol=HNRPK Heterogeneous nuclear ribonucleoprotein K
Gene_Symbol=HNRPL heterogeneous nuclear ribonucleoprotein L isoform a
Gene_Symbol=HNRPM Isoform 1 of Heterogeneous nuclear ribonucleoprotein M
Gene_Symbol=HNRPR Heterogeneous nuclear ribonucleoprotein R
Gene_Symbol=HNRPU heterogeneous nuclear ribonucleoprotein U isoform a
Gene_Symbol=HPRT1 Hypoxanthine-guanine phosphoribosyltransferase
Gene_Symbol=HRB Isoform 2 of Nucleoporin-like protein RIP
Gene_Symbol=HSP90AB1 85 kDa protein
Gene_Symbol=HSP90B1 Endoplasmic precursor
Gene_Symbol=HSPA1B;HSPA1A Heat shock 70 kDa protein 1
Gene_Symbol=HSPA4 Heat shock 70 kDa protein 4
Gene_Symbol=HSPA5 HSPA5 protein
Gene_Symbol=HSPA8 Isoform 1 of Heat shock cognate 71 kDa protein
Gene_Symbol=HSPA9 Stress-70 protein, mitochondrial precursor
Gene_Symbol=HSPD1 61 kDa protein
Gene_Symbol=HSPE1 10 kDa heat shock protein, mitochondrial
Gene_Symbol=HSPH1 97 kDa protein
Gene_Symbol=HSPH1 Isoform Beta of Heat-shock protein 105 kDa
Gene_Symbol=HTRA1 Serine protease HTRA1 precursor
Gene_Symbol=HYAL1 Isoform 2 of Hyaluronidase-1 precursor
Gene_Symbol=HYOU1 150 kDa oxygen-regulated protein precursor
Gene_Symbol=IARS Isoleucyl-tRNA synthetase, cytoplasmic
Gene_Symbol=IDE Insulin-degrading enzyme
Gene_Symbol=IDH1 Isocitrate dehydrogenase [NADP] cytoplasmic
Gene_Symbol=IGF1 Insulin-like growth factor IB precursor
Gene_Symbol=IGFBP2 Insulin-like growth factor-binding protein 2 precursor
Gene_Symbol=IGFBP3 Insulin-like growth factor-binding protein 3 precursor
Gene_Symbol=IGFBP5 Insulin-like growth factor-binding protein 5 precursor
Gene_Symbol=IGFBPL1 Insulin-like growth factor binding protein-like 1
Gene_Symbol=IGSF8 Isoform 1 of Immunoglobulin superfamily member 8 precursor
Gene_Symbol=IL13RA1 Interleukin-13 receptor alpha-1 chain precursor
Gene_Symbol=IL1R2 Interleukin-1 receptor type II precursor
Gene_Symbol=ILF2 Interleukin enhancer-binding factor 2
Gene_Symbol=ILF3 Isoform 1 of Interleukin enhancer-binding factor 3
Gene_Symbol=ILKAP Integrin-linked kinase-associated serine/threonine phosphatase 2C
Gene_Symbol=IMPDH2 Inosine-5'-monophosphate dehydrogenase 2
Gene_Symbol=IPO7 120 kDa protein
Gene_Symbol=IQGAP1 Ras GTPase-activating-like protein IQGAP1
Gene_Symbol=ITM2B Integral membrane protein 2B
Gene_Symbol=JAG1 Jagged-1 precursor
Gene_Symbol=KARS Lysyl-tRNA synthetase
Gene_Symbol=KHDRBS1 Isoform 1 of KH domain-containing, RNA-binding, signal transduction-associated protein 1
Gene_Symbol=KHSRP KH-type splicing regulatory protein
Gene_Symbol=KIF5B Kinesin heavy chain
Gene_Symbol=KITLG Isoform 2 of Kit ligand precursor
Gene_Symbol=KPNA2 Importin alpha-2 subunit
Gene_Symbol=KPNA4 Importin alpha-4 subunit
Gene_Symbol=KPNB1 Importin beta-1 subunit
Gene_Symbol=KREMEN1 Isoform 1 of Kremen protein 1 precursor
Gene_Symbol=KRT1 Keratin, type II cytoskeletal 1
Gene_Symbol=KRT18 49 kDa protein
Gene_Symbol=KRT19 Keratin, type I cytoskeletal 19
Gene_Symbol=KRT3 Keratin, type II cytoskeletal 3
Gene_Symbol=KRT8 Keratin, type II cytoskeletal 8
Gene_Symbol=KRT9 Keratin, type I cytoskeletal 9
Gene_Symbol=LAMA5 400 kDa protein
Gene_Symbol=LAMC1 Laminin subunit gamma-1 precursor
Gene_Symbol=LAMP2 Isoform LAMP-2A of Lysosome-associated membrane glycoprotein 2 precursor
Gene_Symbol=LAP3 Isoform 1 of Cytosol aminopeptidase

Gene_Symbol=LDHA Isoform 1 of L-lactate dehydrogenase A chain
Gene_Symbol=LDHB L-lactate dehydrogenase B chain
Gene_Symbol=LDLR Low-density lipoprotein receptor
Gene_Symbol=LFNG Isoform 1 of Beta-1,3-N-acetylglucosaminyltransferase lunatic fringe
Gene_Symbol=LGALS1 Galectin-1
Gene_Symbol=LGALS3 Galectin-3
Gene_Symbol=LGALS3BP Galectin-3-binding protein precursor
Gene_Symbol=LGMN Legumain precursor
Gene_Symbol=LMAN2 Vesicular integral-membrane protein VIP36 precursor
Gene_Symbol=LMNA Isoform A of Lamin-A/C
Gene_Symbol=LMNB1 Lamin-B1
Gene_Symbol=LMNB2 Lamin B2
Gene_Symbol=LOC389842 similar to Ran-specific GTPase-activating protein
Gene_Symbol=LOC440055 similar to ribosomal protein S12
Gene_Symbol=LOC51035 Isoform 1 of SAPK substrate protein 1
Gene_Symbol=LOC653269 similar to Prostate, ovary, testis expressed protein on chromosome 2 isoform 2
Gene_Symbol=LOC653994;EIF4H Isoform Long of Eukaryotic translation initiation factor 4H
Gene_Symbol=LOC728641;FABP5;LOC731043 Fatty acid-binding protein, epidermal
Gene_Symbol=LOC84661 Dpy-30-like protein
Gene_Symbol=LOXL2;ENTPD4 Lysyl oxidase homolog 2 precursor
Gene_Symbol=LPHN1 Isoform 1 of Latrophilin-1 precursor
Gene_Symbol=LRRC47 Leucine-rich repeat-containing protein 47
Gene_Symbol=LRRTM1 Leucine-rich repeat transmembrane neuronal protein 1 precursor
Gene_Symbol=LSR Isoform 1 of Lipolysis-stimulated lipoprotein receptor
Gene_Symbol=LTA4H Isoform 1 of Leukotriene A-4 hydrolase
Gene_Symbol=LTBP3 Isoform 1 of Latent-transforming growth factor beta-binding protein 3 precursor
Gene_Symbol=LUC7L2 Isoform 1 of Putative RNA-binding protein Luc7-like 2
Gene_Symbol=M6PRBP1 Isoform B of Mannose-6-phosphate receptor-binding protein 1
Gene_Symbol=MACF1 Microtubule-actin cross-linking factor 1, isoform 4
Gene_Symbol=MAGEA4 Melanoma-associated antigen 4
Gene_Symbol=MAN1A1 Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA
Gene_Symbol=MAN2A1 Alpha-mannosidase 2
Gene_Symbol=MAP1B Microtubule-associated protein 1B
Gene_Symbol=MAP2K1 Dual specificity mitogen-activated protein kinase kinase 1
Gene_Symbol=MAP4 Isoform 2 of Microtubule-associated protein 4
Gene_Symbol=MAPK1 Mitogen-activated protein kinase 1
Gene_Symbol=MAPRE1 Microtubule-associated protein RP/EB family member 1
Gene_Symbol=MARCKS Myristoylated alanine-rich C-kinase substrate
Gene_Symbol=MARCKSL1 MARCKS-related protein
Gene_Symbol=MAT2A S-adenosylmethionine synthetase isoform type-2
Gene_Symbol=MAT2B methionine adenosyltransferase II, beta isoform 1
Gene_Symbol=MATN2 Isoform 2 of Matrilin-2 precursor
Gene_Symbol=MATN3 Matrilin-3 precursor
Gene_Symbol=MATR3 100 kDa protein
Gene_Symbol=MCM3 DNA replication licensing factor MCM3
Gene_Symbol=MCM4 DNA replication licensing factor MCM4
Gene_Symbol=MCM6 DNA replication licensing factor MCM6
Gene_Symbol=MDH1 Malate dehydrogenase, cytoplasmic
Gene_Symbol=MDK Midkine precursor
Gene_Symbol=ME1 NADP-dependent malic enzyme
Gene_Symbol=MFAP2 Microfibrillar-associated protein 2 precursor
Gene_Symbol=MFGE8 Lactadherin precursor
Gene_Symbol=MGAT5 Alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase V
Gene_Symbol=MGC11102 CDNA FLJ36810 fis, clone ASTRO2001249
Gene_Symbol=MICB MHC class I antigen
Gene_Symbol=MIF Macrophage migration inhibitory factor
Gene_Symbol=MINPP1 Isoform 1 of Multiple inositol polyphosphate phosphatase 1 precursor
Gene_Symbol=MKI67 Isoform Long of Antigen KI-67
Gene_Symbol=MLLT4 Isoform 4 of Afadin

Gene_Symbol=MMP2 72 kDa type IV collagenase precursor
Gene_Symbol=MRPS16;DNAJC9 DnaJ homolog subfamily C member 9
Gene_Symbol=MSN Moesin
Gene_Symbol=MTAP S-methyl-5-thioadenosine phosphorylase
Gene_Symbol=MTHFD1 C-1-tetrahydrofolate synthase, cytoplasmic
Gene_Symbol=MTPN Myotrophin
Gene_Symbol=MYH9 Myosin-9
Gene_Symbol=MYL6 Isoform Non-muscle of Myosin light polypeptide 6
Gene_Symbol=NACA Similar to Nascent polypeptide associated complex alpha subunit
Gene_Symbol=NAGLU Alpha-N-acetylglucosaminidase precursor
Gene_Symbol=NANS Sialic acid synthase
Gene_Symbol=NAP1L1 Nucleosome assembly protein 1-like 1
Gene_Symbol=NAP1L4 Nucleosome assembly protein 1-like 4
Gene_Symbol=NARG1 Isoform 2 of NMDA receptor-regulated protein 1
Gene_Symbol=NASP Isoform 1 of Nuclear autoantigenic sperm protein
Gene_Symbol=NCL Isoform 1 of Nucleolin
Gene_Symbol=NEDD8 NEDD8 precursor
Gene_Symbol=NELL1 Protein kinase C-binding protein NELL1 precursor
Gene_Symbol=NELL2 Cerebral protein-12
Gene_Symbol=NEO1 Isoform 2 of Neogenin precursor
Gene_Symbol=NME1 NME1-NME2 protein
Gene_Symbol=NONO Non-POU domain-containing octamer-binding protein
Gene_Symbol=NOTUM IMP dehydrogenase/GMP reductase family protein
Gene_Symbol=NP CDNA FLJ25678 fis, clone TST04067, highly similar to PURINE NUCLEOSIDE PHOSPHORYLASE
Gene_Symbol=NPC2 Epididymal secretory protein E1 precursor
Gene_Symbol=NPEPPS Puromycin-sensitive aminopeptidase
Gene_Symbol=NPM1 Isoform 2 of Nucleophosmin
Gene_Symbol=NPTX2 Neuronal pentraxin-2 precursor
Gene_Symbol=NQO1 NAD
Gene_Symbol=NRCAM Isoform 1 of Neuronal cell adhesion molecule precursor
Gene_Symbol=NRP2 neuropilin 2 isoform 4 precursor
Gene_Symbol=NSFL1C p47 protein isoform c
Gene_Symbol=NUCB1 Nucleobindin-1 precursor
Gene_Symbol=NUCB2 Nucleobindin-2 precursor
Gene_Symbol=NUCKS1 Isoform 1 of Nuclear ubiquitous casein and cyclin-dependent kinases substrate
Gene_Symbol=NUDC Nuclear migration protein nudC
Gene_Symbol=NUDT21 Cleavage and polyadenylation specificity factor 5
Gene_Symbol=NUDT5 ADP-sugar pyrophosphatase
Gene_Symbol=NUTF2 Nuclear transport factor 2
Gene_Symbol=OAF Protein OAF homolog
Gene_Symbol=P4HB Protein disulfide-isomerase precursor
Gene_Symbol=PA2G4 Proliferation-associated protein 2G4
Gene_Symbol=PABPC1 Isoform 1 of Polyadenylate-binding protein 1
Gene_Symbol=PABPC4 Isoform 2 of Polyadenylate-binding protein 4
Gene_Symbol=PABPN1 Isoform 1 of Polyadenylate-binding protein 2
Gene_Symbol=PFAH1B2 Platelet-activating factor acetylhydrolase IB subunit beta
Gene_Symbol=PFAH1B3 Platelet-activating factor acetylhydrolase IB subunit gamma
Gene_Symbol=PAICS Multifunctional protein ADE2
Gene_Symbol=PAK1 Isoform 1 of Serine/threonine-protein kinase PAK 1
Gene_Symbol=PAK2 Serine/threonine-protein kinase PAK 2
Gene_Symbol=PAM Isoform 1 of Peptidyl-glycine alpha-amidating monooxygenase precursor
Gene_Symbol=PAPSS1 Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthetase 1
Gene_Symbol=PARK7 Protein DJ-1
Gene_Symbol=PARP1 Poly [ADP-ribose] polymerase 1
Gene_Symbol=PCBD1 Pterin-4-alpha-carbinolamine dehydratase
Gene_Symbol=PCBP1 Poly(rC)-binding protein 1
Gene_Symbol=PCBP2 poly(rC)-binding protein 2 isoform b
Gene_Symbol=PCDH17 Isoform 1 of Protocadherin-17 precursor
Gene_Symbol=PCDH19 Isoform 1 of Protocadherin-19 precursor

Gene_Symbol=PCMT1 Isoform 1 of Protein-L-isoaspartate(D-aspartate) O-methyltransferase
Gene_Symbol=PCMT1 Protein-L-isoaspartate (D-aspartate) O-methyltransferase
Gene_Symbol=PCNA Proliferating cell nuclear antigen
Gene_Symbol=PCOLCE2 Procollagen C-endopeptidase enhancer 2 precursor
Gene_Symbol=PCSK1N ProSAAS precursor
Gene_Symbol=PDAP1 28 kDa heat- and acid-stable phosphoprotein
Gene_Symbol=PDCD5 Programmed cell death protein 5
Gene_Symbol=PDCD6 Programmed cell death protein 6
Gene_Symbol=PDCD6IP PDCD6IP protein
Gene_Symbol=PDIA3 Protein disulfide-isomerase A3 precursor
Gene_Symbol=PDIA4 Protein disulfide-isomerase A4 precursor
Gene_Symbol=PDIA6 Isoform 2 of Protein disulfide-isomerase A6 precursor
Gene_Symbol=PEBP1 Phosphatidylethanolamine-binding protein 1
Gene_Symbol=PENK Proenkephalin A precursor
Gene_Symbol=PFAS Phosphoribosylformylglycinamide synthase
Gene_Symbol=PFDN4 Prefoldin subunit 4
Gene_Symbol=PFN1 Profilin-1
Gene_Symbol=PFN2 Isoform IIb of Profilin-2
Gene_Symbol=PGD 6-phosphogluconate dehydrogenase, decarboxylating
Gene_Symbol=PGK1 Phosphoglycerate kinase 1
Gene_Symbol=PGLS 6-phosphogluconolactonase
Gene_Symbol=PGM2 Phosphoglucomutase-2
Gene_Symbol=PGRMC1 Membrane-associated progesterone receptor component 1
Gene_Symbol=PHGDH D-3-phosphoglycerate dehydrogenase
Gene_Symbol=PIN1 Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1
Gene_Symbol=PIR Pirin
Gene_Symbol=PKM2 Isoform M1 of Pyruvate kinase isozymes M1/M2
Gene_Symbol=PKM2 Isoform M2 of Pyruvate kinase isozymes M1/M2
Gene_Symbol=PLA2G3 Group 3 secretory phospholipase A2 precursor
Gene_Symbol=PLOD1 Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1 precursor
Gene_Symbol=PLOD3 Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3 precursor
Gene_Symbol=PNPO Pyridoxine-5'-phosphate oxidase
Gene_Symbol=PPA1 Inorganic pyrophosphatase
Gene_Symbol=PPIA;LOC654188;LOC653214 Peptidyl-prolyl cis-trans isomerase A
Gene_Symbol=PIIB peptidylprolyl isomerase B precursor
Gene_Symbol=PPIL3 Isoform 1 of Peptidyl-prolyl cis-trans isomerase-like 3
Gene_Symbol=PPM1G Protein phosphatase 2C isoform gamma
Gene_Symbol=PPP1CB Serine/threonine-protein phosphatase PP1-beta catalytic subunit
Gene_Symbol=PPP1R14B Similar to Protein phosphatase 1 regulatory subunit 14B
Gene_Symbol=PPP2CA Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform
Gene_Symbol=PPP2R1A alpha isoform of regulatory subunit A, protein phosphatase 2
Gene_Symbol=PPPT1 Palmitoyl-protein thioesterase 1 precursor
Gene_Symbol=PRDX1 Peroxiredoxin-1
Gene_Symbol=PRDX2 Peroxiredoxin-2
Gene_Symbol=PRDX4 Peroxiredoxin-4
Gene_Symbol=PRDX5 Isoform Mitochondrial of Peroxiredoxin-5, mitochondrial precursor
Gene_Symbol=PRDX5 peroxiredoxin 5 precursor, isoform b
Gene_Symbol=PRDX6 Peroxiredoxin-6
Gene_Symbol=PRKCSH Glucosidase 2 subunit beta precursor
Gene_Symbol=PRKDC Isoform 1 of DNA-dependent protein kinase catalytic subunit
Gene_Symbol=PRMT5 protein arginine methyltransferase 5 isoform b
Gene_Symbol=PROSC Proline synthetase co-transcribed bacterial homolog protein
Gene_Symbol=PRPS1 Phosphoribosyl pyrophosphate synthetase 1
Gene_Symbol=PRPS2 Ribose-phosphate pyrophosphokinase II
Gene_Symbol=PRRC1 Hypothetical protein
Gene_Symbol=PRSS23 Serine protease 23 precursor
Gene_Symbol=PSAP Isoform Sap-mu-0 of Proactivator polypeptide precursor
Gene_Symbol=PSAT1 Isoform 1 of Phosphoserine aminotransferase
Gene_Symbol=PSIP1 Isoform 1 of PC4 and SFRS1-interacting protein

Gene_Symbol=PSMA1 Isoform Short of Proteasome subunit alpha type 1
Gene_Symbol=PSMA2 Proteasome subunit alpha type 2
Gene_Symbol=PSMA3 Isoform 2 of Proteasome subunit alpha type 3
Gene_Symbol=PSMA4 26 kDa protein
Gene_Symbol=PSMA5 Proteasome subunit alpha type 5
Gene_Symbol=PSMA6 Proteasome subunit alpha type 6
Gene_Symbol=PSMA7 Isoform 1 of Proteasome subunit alpha type 7
Gene_Symbol=PSMB1 Proteasome subunit beta type 1 precursor
Gene_Symbol=PSMB2 Proteasome subunit beta type 2
Gene_Symbol=PSMB3 Proteasome subunit beta type 3
Gene_Symbol=PSMB4 Proteasome subunit beta type 4 precursor
Gene_Symbol=PSMB7 Proteasome subunit beta type 7 precursor
Gene_Symbol=PSMC4 Isoform 1 of 26S protease regulatory subunit 6B
Gene_Symbol=PSMC5 26S protease regulatory subunit 8
Gene_Symbol=PSMC6 26S protease regulatory subunit S10B
Gene_Symbol=PSMD1 Isoform 1 of 26S proteasome non-ATPase regulatory subunit 1
Gene_Symbol=PSMD11 Proteasome 26S non-ATPase subunit 11 variant (Fragment)
Gene_Symbol=PSMD13 proteasome 26S non-ATPase subunit 13 isoform 2
Gene_Symbol=PSMD2 26S proteasome non-ATPase regulatory subunit 2
Gene_Symbol=PSMD3 26S proteasome non-ATPase regulatory subunit 3
Gene_Symbol=PSMD4 Isoform Rpn10A of 26S proteasome non-ATPase regulatory subunit 4
Gene_Symbol=PSMD7 26S proteasome non-ATPase regulatory subunit 7
Gene_Symbol=PSME1 29 kDa protein
Gene_Symbol=PSME2 Proteasome activator complex subunit 2
Gene_Symbol=PSPC1 paraspeckle protein 1
Gene_Symbol=PTBP1 Isoform 1 of Polypyrimidine tract-binding protein 1
Gene_Symbol=PTGES3 Prostaglandin E synthase 3
Gene_Symbol=PTGFRN Prostaglandin F2 receptor negative regulator precursor
Gene_Symbol=PTK7 Tyrosine-protein kinase-like 7 precursor
Gene_Symbol=PTPRD protein tyrosine phosphatase, receptor type, D isoform 2 precursor
Gene_Symbol=PTPRF protein tyrosine phosphatase, receptor type, F isoform 2 precursor
Gene_Symbol=PTPRF Receptor-type tyrosine-protein phosphatase F precursor
Gene_Symbol=PTPRG Receptor-type tyrosine-protein phosphatase gamma precursor
Gene_Symbol=PTPRK Receptor-type tyrosine-protein phosphatase kappa precursor
Gene_Symbol=PTPRS protein tyrosine phosphatase, receptor type, sigma isoform 2 precursor
Gene_Symbol=PTPRZ1 protein tyrosine phosphatase, receptor-type, zeta1 precursor
Gene_Symbol=PTX3 Pentraxin-related protein PTX3 precursor
Gene_Symbol=PVR Isoform Beta of Poliovirus receptor precursor
Gene_Symbol=PVRL1 Isoform Delta of Poliovirus receptor-related protein 1 precursor
Gene_Symbol=PXDN peroxidasin homolog
Gene_Symbol=PYGL Glycogen phosphorylase, liver form
Gene_Symbol=QPCT Glutaminy-peptide cyclotransferase precursor
Gene_Symbol=QSCN6 Isoform 2 of Sulfhydryl oxidase 1 precursor
Gene_Symbol=QSCN6L1 78 kDa protein
Gene_Symbol=RAB11B Ras-related protein Rab-11B
Gene_Symbol=RAB14 Ras-related protein Rab-14
Gene_Symbol=RAB7A Ras-related protein Rab-7
Gene_Symbol=RAD23A UV excision repair protein RAD23 homolog A
Gene_Symbol=RAD23B UV excision repair protein RAD23 homolog B
Gene_Symbol=RAE1 MRNA-associated protein Mrnp 41
Gene_Symbol=RAN 26 kDa protein
Gene_Symbol=RANBP3 Isoform 1 of Ran-binding protein 3
Gene_Symbol=RANBP5 127 kDa protein
Gene_Symbol=RANGAP1 Ran GTPase-activating protein 1
Gene_Symbol=RARS Isoform Complexed of Arginyl-tRNA synthetase, cytoplasmic
Gene_Symbol=RBBP4 Histone-binding protein RBBP4
Gene_Symbol=RBBP7 Histone-binding protein RBBP7
Gene_Symbol=RBM3 Putative RNA-binding protein 3
Gene_Symbol=RBM8A Isoform 1 of RNA-binding protein 8A

Gene_Symbol=RBMX Heterogeneous nuclear ribonucleoprotein G
Gene_Symbol=RBP1 Retinol-binding protein I, cellular
Gene_Symbol=RCC2 Protein RCC2
Gene_Symbol=RCN1 Reticulocalbin-1 precursor
Gene_Symbol=RELL1 RELL1 protein
Gene_Symbol=RFNG similar to Beta-1,3-N-acetylglucosaminyltransferase radical fringe
Gene_Symbol=RHOA Transforming protein RhoA precursor
Gene_Symbol=RNASE4 Ribonuclease 4 precursor
Gene_Symbol=RNASET2 Isoform 1 of Ribonuclease T2 precursor
Gene_Symbol=RNH1 Ribonuclease inhibitor
Gene_Symbol=RNPEP 68 kDa protein
Gene_Symbol=ROBO1 ROBO1 protein
Gene_Symbol=RPL10A 60S ribosomal protein L10a
Gene_Symbol=RPL22 60S ribosomal protein L22
Gene_Symbol=RPL4 60S ribosomal protein L4
Gene_Symbol=RPLP0 60S acidic ribosomal protein P0
Gene_Symbol=RPLP1;hCG_1641617 60S acidic ribosomal protein P1
Gene_Symbol=RPLP2 60S acidic ribosomal protein P2
Gene_Symbol=RPS10 40S ribosomal protein S10
Gene_Symbol=RPS11 40S ribosomal protein S11
Gene_Symbol=RPS13 40S ribosomal protein S13
Gene_Symbol=RPS14 40S ribosomal protein S14
Gene_Symbol=RPS19 40S ribosomal protein S19
Gene_Symbol=RPS21 40S ribosomal protein S21
Gene_Symbol=RPS27A;UBC;UBB 12 kDa protein
Gene_Symbol=RPS3 40S ribosomal protein S3
Gene_Symbol=RPS4X 40S ribosomal protein S4, X isoform
Gene_Symbol=RPS5 40S ribosomal protein S5
Gene_Symbol=RPS7 40S ribosomal protein S7
Gene_Symbol=RPS8 40S ribosomal protein S8
Gene_Symbol=RPSA;LOC388524 Ribosomal protein SA
Gene_Symbol=RRM1 Ribonucleoside-diphosphate reductase large subunit
Gene_Symbol=SAFB Scaffold attachment factor B
Gene_Symbol=SAFB2 Scaffold attachment factor B2
Gene_Symbol=SART3 Isoform 1 of Squamous cell carcinoma antigen recognized by T-cells 3
Gene_Symbol=SCARB1 Isoform 1 of Scavenger receptor class B member 1
Gene_Symbol=SCYE1 37 kDa protein
Gene_Symbol=SDC1 Syndecan-1 precursor
Gene_Symbol=SDCBP Syntenin-1
Gene_Symbol=SDF4 45 kDa calcium-binding protein precursor
Gene_Symbol=SDPR Serum deprivation-response protein
Gene_Symbol=SEMA3G Semaphorin-3G precursor
Gene_Symbol=SEMA4D Semaphorin-4D precursor
Gene_Symbol=SEMA7A Semaphorin-7A precursor
Gene_Symbol=SEP15 15 kDa selenoprotein isoform 1 precursor
Gene_Symbol=SEPHS1 Selenide, water dikinase 1
Gene_Symbol=SEPT9 Isoform 3 of Septin-9
Gene_Symbol=SERPBP1 Isoform 4 of Plasminogen activator inhibitor 1 RNA-binding protein
Gene_Symbol=SERPINF1 Pigment epithelium-derived factor precursor
Gene_Symbol=SERPINI1 Neuroserpin precursor
Gene_Symbol=SET Isoform 1 of Protein SET
Gene_Symbol=SF1 Isoform 5 of Splicing factor 1
Gene_Symbol=SF3A1 Splicing factor 3 subunit 1
Gene_Symbol=SF3A3 Splicing factor 3A subunit 3
Gene_Symbol=SF3B1 Splicing factor 3B subunit 1
Gene_Symbol=SF3B2 splicing factor 3B subunit 2
Gene_Symbol=SF3B4 Splicing factor 3B subunit 4
Gene_Symbol=SFN Isoform 1 of 14-3-3 protein sigma
Gene_Symbol=SFPQ Isoform Long of Splicing factor, proline- and glutamine-rich

Gene_Symbol=SFRP1 Secreted frizzled-related protein 1 precursor
Gene_Symbol=SFRS1 Isoform ASF-2 of Splicing factor, arginine/serine-rich 1
Gene_Symbol=SFRS10 Isoform 1 of Arginine/serine-rich-splicing factor 10
Gene_Symbol=SFRS3 Splicing factor, arginine/serine-rich 3
Gene_Symbol=SFRS7 Isoform 1 of Splicing factor, arginine/serine-rich 7
Gene_Symbol=SFRS9 Splicing factor, arginine/serine-rich 9
Gene_Symbol=SGCE Isoform SGCE-1 of Epsilon-sarcoglycan precursor
Gene_Symbol=SGTA Small glutamine-rich tetratricopeptide repeat-containing protein A
Gene_Symbol=SIABBP1 fuse-binding protein-interacting repressor isoform a
Gene_Symbol=SKIV2L2 Superkiller viralicidic activity 2-like 2
Gene_Symbol=SKP1A Isoform 1 of S-phase kinase-associated protein 1A
Gene_Symbol=SLC1A5 Neutral amino acid transporter B
Gene_Symbol=SLC39A10 Solute carrier family 39 (Zinc transporter), member 10
Gene_Symbol=SLC3A2 solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2 isoform d
Gene_Symbol=SLIT3 Isoform 1 of Slit homolog 3 protein precursor
Gene_Symbol=SLITRK6 Isoform 1 of SLIT and NTRK-like protein 6 precursor
Gene_Symbol=SMOC1 Isoform 1 of SPARC-related modular calcium-binding protein 1 precursor
Gene_Symbol=SMOC2 Isoform 1 of SPARC-related modular calcium-binding protein 2 precursor
Gene_Symbol=SMS Spermine synthase
Gene_Symbol=SND1 Staphylococcal nuclease domain-containing protein 1
Gene_Symbol=SNRPA U1 small nuclear ribonucleoprotein A
Gene_Symbol=SNRPB Isoform SM-B' of Small nuclear ribonucleoprotein-associated proteins B and B'
Gene_Symbol=SNRPC U1 small nuclear ribonucleoprotein C
Gene_Symbol=SNRPD1 Small nuclear ribonucleoprotein Sm D1
Gene_Symbol=SNRPD2 Small nuclear ribonucleoprotein Sm D2
Gene_Symbol=SNRPD3 Small nuclear ribonucleoprotein Sm D3
Gene_Symbol=SOD1 16 kDa protein
Gene_Symbol=SORD Sorbitol dehydrogenase
Gene_Symbol=SORL1 Sortilin-related receptor precursor
Gene_Symbol=SPINT1 Isoform 2 of Kunitz-type protease inhibitor 1 precursor
Gene_Symbol=SPOCK1 Testican-1 precursor
Gene_Symbol=SPP1 Isoform A of Osteopontin precursor
Gene_Symbol=SPP1 secreted phosphoprotein 1 isoform b
Gene_Symbol=SPTAN1 Isoform 2 of Spectrin alpha chain, brain
Gene_Symbol=SPTAN1 Isoform 3 of Spectrin alpha chain, brain
Gene_Symbol=SPTBN1 Isoform Long of Spectrin beta chain, brain 1
Gene_Symbol=SRP14 8 kDa protein
Gene_Symbol=SRP14 Signal recognition particle 14 kDa protein
Gene_Symbol=SRP9;hCG_1781062 Signal recognition particle 9 kDa protein
Gene_Symbol=SSB Lupus La protein
Gene_Symbol=ST13 Hsc70-interacting protein
Gene_Symbol=ST14 Suppressor of tumorigenicity protein 14
Gene_Symbol=ST6GAL1 CMP-N-acetylneuraminic acid-6-sialyltransferase
Gene_Symbol=STAU1 Isoform Long of Double-stranded RNA-binding protein Staufen homolog 1
Gene_Symbol=STC2 Stanniocalcin-2 precursor
Gene_Symbol=STIP1 Stress-induced-phosphoprotein 1
Gene_Symbol=STMN1 Stathmin
Gene_Symbol=STRAP Serine-threonine kinase receptor-associated protein
Gene_Symbol=SUB1 Activated RNA polymerase II transcriptional coactivator p15
Gene_Symbol=SYNCRIP Isoform 1 of Heterogeneous nuclear ribonucleoprotein Q
Gene_Symbol=TACSTD1 Tumor-associated calcium signal transducer 1 precursor
Gene_Symbol=TAF15 Isoform Short of TATA-binding protein-associated factor 2N
Gene_Symbol=TAGLN2;CCDC19 24 kDa protein
Gene_Symbol=TALDO1 TALDO1 protein
Gene_Symbol=TARDBP TAR DNA-binding protein 43
Gene_Symbol=TARS Threonyl-tRNA synthetase, cytoplasmic
Gene_Symbol=TBCA Tubulin-specific chaperone A
Gene_Symbol=TCEB1 Transcription elongation factor B polypeptide 1
Gene_Symbol=TCEB2 Transcription elongation factor B polypeptide 2

Gene_Symbol=TCERG1 Transcription elongation regulator 1
Gene_Symbol=TCP1 T-complex protein 1 subunit alpha
Gene_Symbol=TFG Protein TFG
Gene_Symbol=TFRC Transferrin receptor protein 1
Gene_Symbol=TGFB2 Isoform A of Transforming growth factor beta-2 precursor
Gene_Symbol=THBS1 Thrombospondin-1 precursor
Gene_Symbol=THOC4 THO complex subunit 4
Gene_Symbol=THOP1 Thimet oligopeptidase
Gene_Symbol=TIMP2 Metalloproteinase inhibitor 2 precursor
Gene_Symbol=TINAGL1 Isoform 1 of Tubulointerstitial nephritis antigen-like precursor
Gene_Symbol=TKT Transketolase
Gene_Symbol=TLN1 271 kDa protein
Gene_Symbol=TMEM132A transmembrane protein 132A isoform b
Gene_Symbol=TMEM4 Isoform 1 of MIR-interacting saposin-like protein precursor
Gene_Symbol=TMOD3 Tropomodulin-3
Gene_Symbol=TMPO Lamina-associated polypeptide 2 isoform alpha
Gene_Symbol=TNPO1 Transportin 1 (Importin beta-2)
Gene_Symbol=TNPO2 Transportin 2
Gene_Symbol=TPD52 Tumor protein D52
Gene_Symbol=TPD52L1 Tumor protein D53
Gene_Symbol=TPD52L2 24 kDa protein
Gene_Symbol=TPI1 Triosephosphate isomerase 1 variant
Gene_Symbol=TPM3 29 kDa protein
Gene_Symbol=TPM4 Isoform 1 of Tropomyosin alpha-4 chain
Gene_Symbol=TPT1 Tumor protein, translationally-controlled 1
Gene_Symbol=TSKU Tsukushi precursor
Gene_Symbol=TSN Translin
Gene_Symbol=TSPAN5 Tetraspanin-5
Gene_Symbol=TTLL12 Tubulin--tyrosine ligase-like protein 12
Gene_Symbol=TUBA1A Tubulin alpha-3 chain
Gene_Symbol=TUBA1B Tubulin alpha-ubiquitous chain
Gene_Symbol=TUBB Tubulin beta chain
Gene_Symbol=TUBB2B Tubulin beta-2B chain
Gene_Symbol=TUBB2C Tubulin beta-2C chain
Gene_Symbol=TUBB3 Tubulin beta-3 chain
Gene_Symbol=TUBB6 TUBB6 protein
Gene_Symbol=TXN Thioredoxin
Gene_Symbol=TXNL2 Thioredoxin-like protein 2
Gene_Symbol=TXNL5 Thioredoxin-like protein 5
Gene_Symbol=TXNRD1 CDNA FLJ46672 fis, clone TRACH3009008, highly similar to Thioredoxin reductase
Gene_Symbol=U2AF2 Splicing factor U2AF 65 kDa subunit
Gene_Symbol=UBE1 Ubiquitin-activating enzyme E1
Gene_Symbol=UBE2I SUMO-conjugating enzyme UBC9
Gene_Symbol=UBE2L3 Ubiquitin-conjugating enzyme E2 L3
Gene_Symbol=UBE2N Ubiquitin-conjugating enzyme E2 N
Gene_Symbol=UBE2V1;Kua-UEV Isoform 1 of Ubiquitin-conjugating enzyme E2 variant 1
Gene_Symbol=UBE2V2 16 kDa protein
Gene_Symbol=UBQLN1 Isoform 2 of Ubiquilin-1
Gene_Symbol=UBQLN4 Ubiquilin-4
Gene_Symbol=UCHL1 Ubiquitin carboxyl-terminal hydrolase isozyme L1
Gene_Symbol=UCHL5 Isoform 2 of Ubiquitin carboxyl-terminal hydrolase isozyme L5
Gene_Symbol=UROD Uroporphyrinogen decarboxylase
Gene_Symbol=USP5 Isoform Short of Ubiquitin carboxyl-terminal hydrolase 5
Gene_Symbol=USP7 Ubiquitin-specific protease 7 isoform
Gene_Symbol=VAPA 14 kDa protein
Gene_Symbol=VBP1 Von Hippel-Lindau binding protein 1
Gene_Symbol=VCAN Isoform V0 of Versican core protein precursor
Gene_Symbol=VCL Isoform 1 of Vinculin
Gene_Symbol=VCP Transitional endoplasmic reticulum ATPase

Gene_Symbol=VIL2 Ezrin
Gene_Symbol=VPS29 Isoform 1 of Vacuolar protein sorting-associated protein 29
Gene_Symbol=VPS35 Vacuolar protein sorting-associated protein 35
Gene_Symbol=VSNL1 Visinin-like protein 1
Gene_Symbol=VWA2 von Willebrand factor A domain-containing protein 2
Gene_Symbol=WARS tryptophanyl-tRNA synthetase isoform b
Gene_Symbol=WDR1 Isoform 1 of WD repeat protein 1
Gene_Symbol=WDR61 WD repeat protein 61
Gene_Symbol=WFDC2 Isoform 1 of WAP four-disulfide core domain protein 2 precursor
Gene_Symbol=WIF1 Wnt inhibitory factor 1 precursor
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Gene_Symbol=YARS Tyrosyl-tRNA synthetase, cytoplasmic
Gene_Symbol=YBX1 35 kDa protein
Gene_Symbol=YES1 Proto-oncogene tyrosine-protein kinase Yes
Gene_Symbol=YWHAB Isoform Long of 14-3-3 protein beta/alpha
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n the CM of the 3 replicates (Rep1-3) of H520 from Mascot and X!

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Tandem searching

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100%	100%	100%	2
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# Unique peptide H520-Rep2 (H)	# Unique peptide H520-Rep3 (H)	# Unique peptide Control
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1	0	0
0	3	0
4	0	0
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3	0	0
0	9	0
2	0	0
25	32	0
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