

**Table S2.** Information on the PPI network

node1	node2	node1 acce	node2 acce	node1 annotation	node2 annotation	score
ABCB1	ALB	ENSP00000	ENSP00000	Multidrug resistance protein 1; Energy-	Serum albumin; Serum albumin, the mai	0.596
ABCB1	CASP3	ENSP00000	ENSP00000	Multidrug resistance protein 1; Energy-	Caspase-3; Involved in the activation cas	0.566
ABCB1	DHFR	ENSP00000	ENSP00000	Multidrug resistance protein 1; Energy-	Dihydrofolate reductase; Key enzyme in f	0.485
ABCB1	FN1	ENSP00000	ENSP00000	Multidrug resistance protein 1; Energy-	Fibronectin 1; Fibronectin type III domai	0.489
ABCB1	HRAS	ENSP00000	ENSP00000	Multidrug resistance protein 1; Energy-	GTPase HRas; Involved in the activation	0.417
ABCB1	HSP90AA1	ENSP00000	ENSP00000	Multidrug resistance protein 1; Energy-	Heat shock protein HSP 90-alpha; Molec	0.427
ABCB1	KDR	ENSP00000	ENSP00000	Multidrug resistance protein 1; Energy-	Vascular endothelial growth factor recep	0.404
ABCB1	MGMT	ENSP00000	ENSP00000	Multidrug resistance protein 1; Energy-	Methylated-dna-[protein]-cysteine s-m	0.457
ABCB1	PTGS2	ENSP00000	ENSP00000	Multidrug resistance protein 1; Energy-	Prostaglandin G/H synthase 2; Converts	0.426
ABCB1	SRC	ENSP00000	ENSP00000	Multidrug resistance protein 1; Energy-	Proto-oncogene tyrosine-protein kinase	0.407
ABCB1	TNF	ENSP00000	ENSP00000	Multidrug resistance protein 1; Energy-	Tumor necrosis factor; Cytokine that bin	0.455
ABCB1	TYMS	ENSP00000	ENSP00000	Multidrug resistance protein 1; Energy-	Thymidylate synthetase; Thymidylate syn	0.618
ACHE	ALB	ENSP00000	ENSP00000	Acetylcholinesterase (cartwright blood g	Serum albumin; Serum albumin, the mai	0.814
ACHE	CA1	ENSP00000	ENSP00000	Acetylcholinesterase (cartwright blood g	Carbonic anhydrase 1; Reversible hydrati	0.563
ACHE	CASP3	ENSP00000	ENSP00000	Acetylcholinesterase (cartwright blood g	Caspase-3; Involved in the activation cas	0.53
ACHE	FN1	ENSP00000	ENSP00000	Acetylcholinesterase (cartwright blood g	Fibronectin 1; Fibronectin type III domai	0.529
ACHE	PTGS2	ENSP00000	ENSP00000	Acetylcholinesterase (cartwright blood g	Prostaglandin G/H synthase 2; Converts	0.477
ACHE	TNF	ENSP00000	ENSP00000	Acetylcholinesterase (cartwright blood g	Tumor necrosis factor; Cytokine that bin	0.521
ADORA3	ALB	ENSP00000	ENSP00000	Transmembrane domain-containing pr	Serum albumin; Serum albumin, the mai	0.408
ADORA3	KDR	ENSP00000	ENSP00000	Transmembrane domain-containing pr	Vascular endothelial growth factor recep	0.439
ADORA3	MAP3K14	ENSP00000	ENSP00000	Transmembrane domain-containing pr	Mitogen-activated protein kinase kinase	0.569
ADORA3	TNF	ENSP00000	ENSP00000	Transmembrane domain-containing pr	Tumor necrosis factor; Cytokine that bin	0.53
ADRA2A	PRKCB	ENSP00000	ENSP00000	Alpha-2A adrenergic receptor; Alpha-2	Protein kinase C beta type; Calcium-acti	0.663
ADRA2A	PRKCD	ENSP00000	ENSP00000	Alpha-2A adrenergic receptor; Alpha-2	Protein kinase C delta type; Calcium-ind	0.732
ALB	ABCB1	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Multidrug resistance protein 1; Energy-d	0.596
ALB	ACHE	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Acetylcholinesterase (cartwright blood g	0.814
ALB	ADORA3	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Transmembrane domain-containing pro	0.408
ALB	CA1	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Carbonic anhydrase 1; Reversible hydrati	0.467

ALB	CA2	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Carbonic anhydrase 2; Essential for bone	0.461
ALB	CASP3	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Caspase-3; Involved in the activation cas	0.852
ALB	CD38	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	ADP-ribosyl cyclase/cyclic ADP-ribose h	0.567
ALB	DHFR	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Dihydrofolate reductase; Key enzyme in f	0.483
ALB	FN1	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Fibronectin 1; Fibronectin type III domai	0.954
ALB	HRAS	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	GTPase HRas; Involved in the activation	0.75
ALB	HSP90AA1	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Heat shock protein HSP 90-alpha; Molec	0.57
ALB	IL2	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Interleukin-2; Produced by T-cells in res	0.775
ALB	ITGAL	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Integrin subunit alpha I; Integrin alpha-L	0.433
ALB	KDR	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Vascular endothelial growth factor recep	0.666
ALB	KLK3	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Kallikrein related peptidase 3; Prostate-s	0.653
ALB	LGALS3	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Galectin-3; Galactose-specific lectin whi	0.654
ALB	LGALS4	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Galectin-4; Galectin that binds lactose a	0.631
ALB	MAPK14	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Mitogen-activated protein kinase 14; Ser	0.579
ALB	MET	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Hepatocyte growth factor receptor; Rece	0.574
ALB	MMP12	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Matrix metalloproteinase-12 (macropha	0.422
ALB	MMP13	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Matrix metalloproteinase-13 (collagenas	0.581
ALB	MMP2	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Matrix metalloproteinase-2 (gelatinase a	0.686
ALB	MMP8	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Matrix metalloproteinase-8 (neutrophil c	0.671
ALB	MMP9	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Matrix metalloproteinase-9; May play an	0.773
ALB	PPARG	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Peroxisome proliferator-activated recept	0.737
ALB	PTGS2	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Prostaglandin G/H synthase 2; Converts	0.703
ALB	RET	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Proto-oncogene tyrosine-protein kinase	0.406
ALB	SRC	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Proto-oncogene tyrosine-protein kinase	0.695
ALB	TLR9	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Toll-like receptor 9; Key component of i	0.548
ALB	TNF	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Tumor necrosis factor; Cytokine that bin	0.866
ALB	XDH	ENSP00000	ENSP00000	Serum albumin; Serum albumin, the ma	Xanthine dehydrogenase/oxidase; Key e	0.424
ALOX5	MMP2	ENSP00000	ENSP00000	Arachidonate 5-lipoxygenase; Catalyzes	Matrix metalloproteinase-2 (gelatinase a	0.503
ALOX5	MMP9	ENSP00000	ENSP00000	Arachidonate 5-lipoxygenase; Catalyzes	Matrix metalloproteinase-9; May play an	0.526
ALOX5	PPARG	ENSP00000	ENSP00000	Arachidonate 5-lipoxygenase; Catalyzes	Peroxisome proliferator-activated recept	0.676
ALOX5	PTGS1	ENSP00000	ENSP00000	Arachidonate 5-lipoxygenase; Catalyzes	Prostaglandin G/H synthase 1; Converts	0.973

ALOX5	PTGS2	ENSP00000	ENSP00000	Arachidonate 5-lipoxygenase; Catalyzes	Prostaglandin G/H synthase 2; Converts	0.982
ALOX5	TNF	ENSP00000	ENSP00000	Arachidonate 5-lipoxygenase; Catalyzes	Tumor necrosis factor; Cytokine that bin	0.652
AURKA	CASP3	ENSP00000	ENSP00000	Aurora kinase A; Mitotic serine/threonin	Caspase-3; Involved in the activation cas	0.434
AURKA	HRAS	ENSP00000	ENSP00000	Aurora kinase A; Mitotic serine/threonin	GTPase HRas; Involved in the activation	0.671
AURKA	HSP90AA1	ENSP00000	ENSP00000	Aurora kinase A; Mitotic serine/threonin	Heat shock protein HSP 90-alpha; Molec	0.446
AURKA	PIK3CA	ENSP00000	ENSP00000	Aurora kinase A; Mitotic serine/threonin	Phosphatidylinositol 4,5-bisphosphate 3	0.504
AURKA	TYMS	ENSP00000	ENSP00000	Aurora kinase A; Mitotic serine/threonin	Thymidylate synthetase; Thymidylate syn	0.909
CA1	ACHE	ENSP00000	ENSP00000	Carbonic anhydrase 1; Reversible hydrat	Acetylcholinesterase (cartwright blood g	0.563
CA1	ALB	ENSP00000	ENSP00000	Carbonic anhydrase 1; Reversible hydrat	Serum albumin; Serum albumin, the mai	0.467
CA1	CA2	ENSP00000	ENSP00000	Carbonic anhydrase 1; Reversible hydrat	Carbonic anhydrase 2; Essential for bone	0.62
CA2	ALB	ENSP00000	ENSP00000	Carbonic anhydrase 2; Essential for bon	Serum albumin; Serum albumin, the mai	0.461
CA2	CA1	ENSP00000	ENSP00000	Carbonic anhydrase 2; Essential for bon	Carbonic anhydrase 1; Reversible hydrati	0.62
CA2	MMP9	ENSP00000	ENSP00000	Carbonic anhydrase 2; Essential for bon	Matrix metalloproteinase-9; May play an	0.469
CASP3	ABCB1	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Multidrug resistance protein 1; Energy-d	0.566
CASP3	ACHE	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Acetylcholinesterase (cartwright blood g	0.53
CASP3	ALB	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Serum albumin; Serum albumin, the mai	0.852
CASP3	AURKA	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Aurora kinase A; Mitotic serine/threonin	0.434
CASP3	FN1	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Fibronectin 1; Fibronectin type III domai	0.672
CASP3	HRAS	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	GTPase HRas; Involved in the activation	0.684
CASP3	HSP90AA1	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Heat shock protein HSP 90-alpha; Molec	0.833
CASP3	IL2	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Interleukin-2; Produced by T-cells in res	0.736
CASP3	KDR	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Vascular endothelial growth factor recep	0.605
CASP3	KLK3	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Kallikrein related peptidase 3; Prostate-s	0.452
CASP3	LGALS3	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Galectin-3; Galactose-specific lectin whi	0.46
CASP3	LGALS4	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Galectin-4; Galectin that binds lactose a	0.408
CASP3	MAP3K14	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Mitogen-activated protein kinase kinase	0.438
CASP3	MAPK14	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Mitogen-activated protein kinase 14; Ser	0.977
CASP3	MET	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Hepatocyte growth factor receptor; Rece	0.815
CASP3	MGMT	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Methylated-dna-[protein]-cysteine s-m	0.437
CASP3	MMP13	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Matrix metalloproteinase-13 (collagenas	0.522
CASP3	MMP2	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Matrix metalloproteinase-2 (gelatinase a	0.681

CASP3	MMP8	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Matrix metalloproteinase-8 (neutrophil c	0.494
CASP3	MMP9	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Matrix metalloproteinase-9; May play an	0.772
CASP3	PIK3CA	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Phosphatidylinositol 4,5-bisphosphate 3	0.53
CASP3	PPARG	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Peroxisome proliferator-activated recept	0.644
CASP3	PRKCB	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Protein kinase C beta type; Calcium-acti	0.855
CASP3	PRKCD	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Protein kinase C delta type; Calcium-ind	0.984
CASP3	PTGS2	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Prostaglandin G/H synthase 2; Converts	0.721
CASP3	RET	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Proto-oncogene tyrosine-protein kinase	0.619
CASP3	SRC	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Proto-oncogene tyrosine-protein kinase	0.689
CASP3	TLR9	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Toll-like receptor 9; Key component of i	0.414
CASP3	TNF	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Tumor necrosis factor; Cytokine that bin	0.896
CASP3	TYMS	ENSP00000	ENSP00000	Caspase-3; Involved in the activation ca	Thymidylate synthetase; Thymidylate syn	0.428
CD38	ALB	ENSP00000	ENSP00000	ADP-ribosyl cyclase/cyclic ADP-ribose h	Serum albumin; Serum albumin, the mai	0.567
CD38	IL2	ENSP00000	ENSP00000	ADP-ribosyl cyclase/cyclic ADP-ribose h	Interleukin-2; Produced by T-cells in res	0.667
CD38	ITGAL	ENSP00000	ENSP00000	ADP-ribosyl cyclase/cyclic ADP-ribose h	Integrin subunit alpha I; Integrin alpha-L	0.609
CD38	MMP9	ENSP00000	ENSP00000	ADP-ribosyl cyclase/cyclic ADP-ribose h	Matrix metalloproteinase-9; May play an	0.449
CD38	PRKCB	ENSP00000	ENSP00000	ADP-ribosyl cyclase/cyclic ADP-ribose h	Protein kinase C beta type; Calcium-acti	0.837
CD38	TLR9	ENSP00000	ENSP00000	ADP-ribosyl cyclase/cyclic ADP-ribose h	Toll-like receptor 9; Key component of i	0.482
CD38	TNF	ENSP00000	ENSP00000	ADP-ribosyl cyclase/cyclic ADP-ribose h	Tumor necrosis factor; Cytokine that bin	0.64
DHFR	ABCB1	ENSP00000	ENSP00000	Dihydrofolate reductase; Key enzyme in	Multidrug resistance protein 1; Energy-d	0.485
DHFR	ALB	ENSP00000	ENSP00000	Dihydrofolate reductase; Key enzyme in	Serum albumin; Serum albumin, the mai	0.483
DHFR	HRAS	ENSP00000	ENSP00000	Dihydrofolate reductase; Key enzyme in	GTPase HRas; Involved in the activation	0.421
DHFR	HSP90AA1	ENSP00000	ENSP00000	Dihydrofolate reductase; Key enzyme in	Heat shock protein HSP 90-alpha; Molec	0.488
DHFR	TYMP	ENSP00000	ENSP00000	Dihydrofolate reductase; Key enzyme in	Thymidine phosphorylase; May have a r	0.495
DHFR	TYMS	ENSP00000	ENSP00000	Dihydrofolate reductase; Key enzyme in	Thymidylate synthetase; Thymidylate syn	0.999
FN1	ABCB1	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Multidrug resistance protein 1; Energy-d	0.489
FN1	ACHE	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Acetylcholinesterase (cartwright blood g	0.529
FN1	ALB	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Serum albumin; Serum albumin, the mai	0.954
FN1	CASP3	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Caspase-3; Involved in the activation cas	0.672
FN1	HRAS	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	GTPase HRas; Involved in the activation	0.843
FN1	HSP90AA1	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Heat shock protein HSP 90-alpha; Molec	0.592

FN1	IL2	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Interleukin-2; Produced by T-cells in res	0.558
FN1	ITGAL	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Integrin subunit alpha I; Integrin alpha-L	0.799
FN1	KDR	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Vascular endothelial growth factor recep	0.816
FN1	KLK3	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Kallikrein related peptidase 3; Prostate-s	0.759
FN1	LGALS1	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Galectin-1; Lectin that binds beta-galact	0.732
FN1	LGALS3	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Galectin-3; Galactose-specific lectin whi	0.99
FN1	MAPK14	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Mitogen-activated protein kinase 14; Ser	0.551
FN1	MET	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Hepatocyte growth factor receptor; Rece	0.768
FN1	MMP12	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Matrix metalloproteinase-12 (macropha	0.583
FN1	MMP13	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Matrix metalloproteinase-13 (collagenas	0.665
FN1	MMP2	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Matrix metalloproteinase-2 (gelatinase a	0.607
FN1	MMP8	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Matrix metalloproteinase-8 (neutrophil c	0.707
FN1	MMP9	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Matrix metalloproteinase-9; May play an	0.608
FN1	PPARG	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Peroxisome proliferator-activated recept	0.567
FN1	PTGS2	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Prostaglandin G/H synthase 2; Converts	0.654
FN1	SRC	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Proto-oncogene tyrosine-protein kinase	0.981
FN1	TLR9	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Toll-like receptor 9; Key component of i	0.404
FN1	TNF	ENSP00000	ENSP00000	Fibronectin 1; Fibronectin type III domai	Tumor necrosis factor; Cytokine that bin	0.93
GPR55	HCAR2	ENSP00000	ENSP00000	G protein-coupled receptor 55; G-prote	Hydroxycarboxylic acid receptor 2; Acts a	0.622
GPR55	PPARG	ENSP00000	ENSP00000	G protein-coupled receptor 55; G-prote	Peroxisome proliferator-activated recept	0.522
GPR55	PTGS2	ENSP00000	ENSP00000	G protein-coupled receptor 55; G-prote	Prostaglandin G/H synthase 2; Converts	0.415
GPR55	PTPN22	ENSP00000	ENSP00000	G protein-coupled receptor 55; G-prote	Tyrosine-protein phosphatase non-rece	0.42
HCAR2	GPR55	ENSP00000	ENSP00000	Hydroxycarboxylic acid receptor 2; Acts	G protein-coupled receptor 55; G-protei	0.622
HCAR2	PPARG	ENSP00000	ENSP00000	Hydroxycarboxylic acid receptor 2; Acts	Peroxisome proliferator-activated recept	0.545
HCAR2	TNF	ENSP00000	ENSP00000	Hydroxycarboxylic acid receptor 2; Acts	Tumor necrosis factor; Cytokine that bin	0.486
HRAS	ABCB1	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Multidrug resistance protein 1; Energy-d	0.417
HRAS	ALB	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Serum albumin; Serum albumin, the mai	0.75
HRAS	AURKA	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Aurora kinase A; Mitotic serine/threonin	0.671
HRAS	CASP3	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Caspase-3; Involved in the activation cas	0.684
HRAS	DHFR	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Dihydrofolate reductase; Key enzyme in f	0.421
HRAS	FN1	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Fibronectin 1; Fibronectin type III domai	0.843

HRAS	HSP90AA1	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Heat shock protein HSP 90-alpha; Molec	0.976
HRAS	IL2	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Interleukin-2; Produced by T-cells in res	0.95
HRAS	KDR	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Vascular endothelial growth factor recep	0.71
HRAS	KLK3	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Kallikrein related peptidase 3; Prostate-s	0.411
HRAS	LGALS1	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Galectin-1; Lectin that binds beta-galact	0.99
HRAS	LGALS3	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Galectin-3; Galactose-specific lectin whi	0.996
HRAS	MAPK14	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Mitogen-activated protein kinase 14; Ser	0.708
HRAS	MET	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Hepatocyte growth factor receptor; Rece	0.982
HRAS	MGMT	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Methylated-dna-[protein]-cysteine s-m	0.652
HRAS	MMP2	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Matrix metalloproteinase-2 (gelatinase a	0.504
HRAS	MMP9	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Matrix metalloproteinase-9; May play an	0.6
HRAS	PIK3CA	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Phosphatidylinositol 4,5-bisphosphate 3	0.999
HRAS	PIK3CG	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Phosphatidylinositol 4,5-bisphosphate 3	0.998
HRAS	PPARG	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Peroxisome proliferator-activated recept	0.544
HRAS	PRKCB	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Protein kinase C beta type; Calcium-acti	0.931
HRAS	PRKCD	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Protein kinase C delta type; Calcium-ind	0.945
HRAS	PTGS2	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Prostaglandin G/H synthase 2; Converts	0.58
HRAS	RET	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Proto-oncogene tyrosine-protein kinase	0.984
HRAS	SRC	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Proto-oncogene tyrosine-protein kinase	0.996
HRAS	TLR9	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Toll-like receptor 9; Key component of i	0.414
HRAS	TNF	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Tumor necrosis factor; Cytokine that bin	0.623
HRAS	TYMS	ENSP00000	ENSP00000	GTPase HRas; Involved in the activation	Thymidylate synthetase; Thymidylate syn	0.569
HSP90AA1	ABCB1	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Multidrug resistance protein 1; Energy-d	0.427
HSP90AA1	ALB	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Serum albumin; Serum albumin, the mai	0.57
HSP90AA1	AURKA	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Aurora kinase A; Mitotic serine/threonin	0.446
HSP90AA1	CASP3	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Caspase-3; Involved in the activation cas	0.833
HSP90AA1	DHFR	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Dihydrofolate reductase; Key enzyme in f	0.488
HSP90AA1	FN1	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Fibronectin 1; Fibronectin type III domai	0.592
HSP90AA1	HRAS	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	GTPase HRas; Involved in the activation	0.976
HSP90AA1	IL2	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Interleukin-2; Produced by T-cells in res	0.948
HSP90AA1	KDR	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Vascular endothelial growth factor recep	0.992

HSP90AA1	KLK3	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Kallikrein related peptidase 3; Prostate-s	0.405
HSP90AA1	MAP3K14	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Mitogen-activated protein kinase kinase	0.733
HSP90AA1	MAPK14	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Mitogen-activated protein kinase 14; Ser	0.627
HSP90AA1	MET	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Hepatocyte growth factor receptor; Rece	0.771
HSP90AA1	MGMT	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Methylated-dna-[protein]-cysteine s-m	0.6
HSP90AA1	MMP12	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Matrix metalloproteinase-12 (macropha	0.453
HSP90AA1	MMP2	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Matrix metalloproteinase-2 (gelatinase a	0.938
HSP90AA1	MMP9	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Matrix metalloproteinase-9; May play an	0.452
HSP90AA1	PIK3CA	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Phosphatidylinositol 4,5-bisphosphate 3	0.88
HSP90AA1	PPARG	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Peroxisome proliferator-activated recept	0.782
HSP90AA1	PRKCD	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Protein kinase C delta type; Calcium-ind	0.858
HSP90AA1	PTGS2	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Prostaglandin G/H synthase 2; Converts	0.429
HSP90AA1	RET	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Proto-oncogene tyrosine-protein kinase	0.723
HSP90AA1	SRC	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Proto-oncogene tyrosine-protein kinase	0.999
HSP90AA1	TNF	ENSP00000	ENSP00000	Heat shock protein HSP 90-alpha; Mole	Tumor necrosis factor; Cytokine that bin	0.572
IL2	ALB	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Serum albumin; Serum albumin, the mai	0.775
IL2	CASP3	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Caspase-3; Involved in the activation cas	0.736
IL2	CD38	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	ADP-ribosyl cyclase/cyclic ADP-ribose h	0.667
IL2	FN1	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Fibronectin 1; Fibronectin type III domai	0.558
IL2	HRAS	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	GTPase HRas; Involved in the activation	0.95
IL2	HSP90AA1	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Heat shock protein HSP 90-alpha; Molec	0.948
IL2	ITGAL	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Integrin subunit alpha I; Integrin alpha-L	0.631
IL2	KDR	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Vascular endothelial growth factor recep	0.414
IL2	KLK3	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Kallikrein related peptidase 3; Prostate-s	0.45
IL2	LGALS9	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Galectin-9; Binds galactosides. Has high	0.5
IL2	MAPK14	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Mitogen-activated protein kinase 14; Ser	0.938
IL2	MMP2	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Matrix metalloproteinase-2 (gelatinase a	0.424
IL2	MMP9	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Matrix metalloproteinase-9; May play an	0.56
IL2	PIK3CA	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Phosphatidylinositol 4,5-bisphosphate 3	0.919
IL2	PPARG	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Peroxisome proliferator-activated recept	0.459
IL2	PRKCB	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Protein kinase C beta type; Calcium-acti	0.916

IL2	PTGS2	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Prostaglandin G/H synthase 2; Converts	0.577
IL2	PTPN2	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Tyrosine-protein phosphatase non-rece	0.569
IL2	PTPN22	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Tyrosine-protein phosphatase non-rece	0.529
IL2	SRC	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Proto-oncogene tyrosine-protein kinase	0.561
IL2	TLR9	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Toll-like receptor 9; Key component of i	0.684
IL2	TNF	ENSP00000	ENSP00000	Interleukin-2; Produced by T-cells in res	Tumor necrosis factor; Cytokine that bin	0.933
ITGAL	ALB	ENSP00000	ENSP00000	Integrin subunit alpha I; Integrin alpha-	Serum albumin; Serum albumin, the mai	0.433
ITGAL	CD38	ENSP00000	ENSP00000	Integrin subunit alpha I; Integrin alpha-	ADP-ribosyl cyclase/cyclic ADP-ribose h	0.609
ITGAL	FN1	ENSP00000	ENSP00000	Integrin subunit alpha I; Integrin alpha-	Fibronectin 1; Fibronectin type III domai	0.799
ITGAL	IL2	ENSP00000	ENSP00000	Integrin subunit alpha I; Integrin alpha-	Interleukin-2; Produced by T-cells in res	0.631
ITGAL	SRC	ENSP00000	ENSP00000	Integrin subunit alpha I; Integrin alpha-	Proto-oncogene tyrosine-protein kinase	0.708
ITGAL	TNF	ENSP00000	ENSP00000	Integrin subunit alpha I; Integrin alpha-	Tumor necrosis factor; Cytokine that bin	0.692
KDR	ABCB1	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Multidrug resistance protein 1; Energy-d	0.404
KDR	ADORA3	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Transmembrane domain-containing pro	0.439
KDR	ALB	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Serum albumin; Serum albumin, the mai	0.666
KDR	CASP3	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Caspase-3; Involved in the activation cas	0.605
KDR	FN1	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Fibronectin 1; Fibronectin type III domai	0.816
KDR	HRAS	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	GTPase HRas; Involved in the activation	0.71
KDR	HSP90AA1	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Heat shock protein HSP 90-alpha; Molec	0.992
KDR	IL2	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Interleukin-2; Produced by T-cells in res	0.414
KDR	LGALS3	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Galectin-3; Galactose-specific lectin whi	0.943
KDR	MAPK14	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Mitogen-activated protein kinase 14; Ser	0.924
KDR	MET	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Hepatocyte growth factor receptor; Rece	0.702
KDR	MMP2	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Matrix metalloproteinase-2 (gelatinase a	0.639
KDR	MMP9	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Matrix metalloproteinase-9; May play an	0.76
KDR	PIK3CA	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Phosphatidylinositol 4,5-bisphosphate 3	0.976
KDR	PIK3CG	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Phosphatidylinositol 4,5-bisphosphate 3	0.52
KDR	PPARG	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Peroxisome proliferator-activated recept	0.476
KDR	PTGS2	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Prostaglandin G/H synthase 2; Converts	0.477
KDR	PTPN2	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Tyrosine-protein phosphatase non-rece	0.917
KDR	RET	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Proto-oncogene tyrosine-protein kinase	0.466



KDR	SRC	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Proto-oncogene tyrosine-protein kinase	0.992
KDR	TNF	ENSP00000	ENSP00000	Vascular endothelial growth factor rece	Tumor necrosis factor; Cytokine that bin	0.623
KLK3	ALB	ENSP00000	ENSP00000	Kallikrein related peptidase 3; Prostate-	Serum albumin; Serum albumin, the mai	0.653
KLK3	CASP3	ENSP00000	ENSP00000	Kallikrein related peptidase 3; Prostate-	Caspase-3; Involved in the activation cas	0.452
KLK3	FN1	ENSP00000	ENSP00000	Kallikrein related peptidase 3; Prostate-	Fibronectin 1; Fibronectin type III domai	0.759
KLK3	HRAS	ENSP00000	ENSP00000	Kallikrein related peptidase 3; Prostate-	GTPase HRas; Involved in the activation	0.411
KLK3	HSP90AA1	ENSP00000	ENSP00000	Kallikrein related peptidase 3; Prostate-	Heat shock protein HSP 90-alpha; Molec	0.405
KLK3	IL2	ENSP00000	ENSP00000	Kallikrein related peptidase 3; Prostate-	Interleukin-2; Produced by T-cells in res	0.45
KLK3	MMP2	ENSP00000	ENSP00000	Kallikrein related peptidase 3; Prostate-	Matrix metalloproteinase-2 (gelatinase a	0.422
KLK3	MMP9	ENSP00000	ENSP00000	Kallikrein related peptidase 3; Prostate-	Matrix metalloproteinase-9; May play an	0.459
KLK3	PTGS2	ENSP00000	ENSP00000	Kallikrein related peptidase 3; Prostate-	Prostaglandin G/H synthase 2; Converts	0.411
KLK3	SRC	ENSP00000	ENSP00000	Kallikrein related peptidase 3; Prostate-	Proto-oncogene tyrosine-protein kinase	0.413
KLK3	TNF	ENSP00000	ENSP00000	Kallikrein related peptidase 3; Prostate-	Tumor necrosis factor; Cytokine that bin	0.403
LGALS1	FN1	ENSP00000	ENSP00000	Galectin-1; Lectin that binds beta-galac	Fibronectin 1; Fibronectin type III domai	0.732
LGALS1	HRAS	ENSP00000	ENSP00000	Galectin-1; Lectin that binds beta-galac	GTPase HRas; Involved in the activation	0.99
LGALS1	LGALS3	ENSP00000	ENSP00000	Galectin-1; Lectin that binds beta-galac	Galectin-3; Galactose-specific lectin whi	0.502
LGALS3	ALB	ENSP00000	ENSP00000	Galectin-3; Galactose-specific lectin whi	Serum albumin; Serum albumin, the mai	0.654
LGALS3	CASP3	ENSP00000	ENSP00000	Galectin-3; Galactose-specific lectin whi	Caspase-3; Involved in the activation cas	0.46
LGALS3	FN1	ENSP00000	ENSP00000	Galectin-3; Galactose-specific lectin whi	Fibronectin 1; Fibronectin type III domai	0.99
LGALS3	HRAS	ENSP00000	ENSP00000	Galectin-3; Galactose-specific lectin whi	GTPase HRas; Involved in the activation	0.996
LGALS3	KDR	ENSP00000	ENSP00000	Galectin-3; Galactose-specific lectin whi	Vascular endothelial growth factor recep	0.943
LGALS3	LGALS1	ENSP00000	ENSP00000	Galectin-3; Galactose-specific lectin whi	Galectin-1; Lectin that binds beta-galact	0.502
LGALS3	LGALS9	ENSP00000	ENSP00000	Galectin-3; Galactose-specific lectin whi	Galectin-9; Binds galactosides. Has high	0.738
LGALS3	MMP2	ENSP00000	ENSP00000	Galectin-3; Galactose-specific lectin whi	Matrix metalloproteinase-2 (gelatinase a	0.574
LGALS3	MMP9	ENSP00000	ENSP00000	Galectin-3; Galactose-specific lectin whi	Matrix metalloproteinase-9; May play an	0.729
LGALS3	PPARG	ENSP00000	ENSP00000	Galectin-3; Galactose-specific lectin whi	Peroxisome proliferator-activated recept	0.472
LGALS3	RET	ENSP00000	ENSP00000	Galectin-3; Galactose-specific lectin whi	Proto-oncogene tyrosine-protein kinase	0.414
LGALS3	SRC	ENSP00000	ENSP00000	Galectin-3; Galactose-specific lectin whi	Proto-oncogene tyrosine-protein kinase	0.555
LGALS3	TNF	ENSP00000	ENSP00000	Galectin-3; Galactose-specific lectin whi	Tumor necrosis factor; Cytokine that bin	0.624
LGALS4	ALB	ENSP00000	ENSP00000	Galectin-4; Galectin that binds lactose a	Serum albumin; Serum albumin, the mai	0.631
LGALS4	CASP3	ENSP00000	ENSP00000	Galectin-4; Galectin that binds lactose a	Caspase-3; Involved in the activation cas	0.408

LGALS4	PPARG	ENSP00000	ENSP00000	Galectin-4; Galectin that binds lactose a	Peroxisome proliferator-activated recept	0.973
LGALS4	SRC	ENSP00000	ENSP00000	Galectin-4; Galectin that binds lactose a	Proto-oncogene tyrosine-protein kinase	0.426
LGALS9	IL2	ENSP00000	ENSP00000	Galectin-9; Binds galactosides. Has high	Interleukin-2; Produced by T-cells in res	0.5
LGALS9	LGALS3	ENSP00000	ENSP00000	Galectin-9; Binds galactosides. Has high	Galectin-3; Galactose-specific lectin whi	0.738
LGALS9	TNF	ENSP00000	ENSP00000	Galectin-9; Binds galactosides. Has high	Tumor necrosis factor; Cytokine that bin	0.555
MAP3K14	ADORA3	ENSP00000	ENSP00000	Mitogen-activated protein kinase kinas	Transmembrane domain-containing pro	0.569
MAP3K14	CASP3	ENSP00000	ENSP00000	Mitogen-activated protein kinase kinas	Caspase-3; Involved in the activation cas	0.438
MAP3K14	HSP90AA1	ENSP00000	ENSP00000	Mitogen-activated protein kinase kinas	Heat shock protein HSP 90-alpha; Molec	0.733
MAP3K14	TNF	ENSP00000	ENSP00000	Mitogen-activated protein kinase kinas	Tumor necrosis factor; Cytokine that bin	0.924
MAPK14	ALB	ENSP00000	ENSP00000	Mitogen-activated protein kinase 14; Se	Serum albumin; Serum albumin, the mai	0.579
MAPK14	CASP3	ENSP00000	ENSP00000	Mitogen-activated protein kinase 14; Se	Caspase-3; Involved in the activation cas	0.977
MAPK14	FN1	ENSP00000	ENSP00000	Mitogen-activated protein kinase 14; Se	Fibronectin 1; Fibronectin type III domai	0.551
MAPK14	HRAS	ENSP00000	ENSP00000	Mitogen-activated protein kinase 14; Se	GTPase HRas; Involved in the activation	0.708
MAPK14	HSP90AA1	ENSP00000	ENSP00000	Mitogen-activated protein kinase 14; Se	Heat shock protein HSP 90-alpha; Molec	0.627
MAPK14	IL2	ENSP00000	ENSP00000	Mitogen-activated protein kinase 14; Se	Interleukin-2; Produced by T-cells in res	0.938
MAPK14	KDR	ENSP00000	ENSP00000	Mitogen-activated protein kinase 14; Se	Vascular endothelial growth factor recep	0.924
MAPK14	MMP13	ENSP00000	ENSP00000	Mitogen-activated protein kinase 14; Se	Matrix metalloproteinase-13 (collagenas	0.432
MAPK14	MMP9	ENSP00000	ENSP00000	Mitogen-activated protein kinase 14; Se	Matrix metalloproteinase-9; May play an	0.571
MAPK14	PIK3CA	ENSP00000	ENSP00000	Mitogen-activated protein kinase 14; Se	Phosphatidylinositol 4,5-bisphosphate 3	0.403
MAPK14	PIK3CG	ENSP00000	ENSP00000	Mitogen-activated protein kinase 14; Se	Phosphatidylinositol 4,5-bisphosphate 3	0.409
MAPK14	PPARG	ENSP00000	ENSP00000	Mitogen-activated protein kinase 14; Se	Peroxisome proliferator-activated recept	0.678
MAPK14	PTGS2	ENSP00000	ENSP00000	Mitogen-activated protein kinase 14; Se	Prostaglandin G/H synthase 2; Converts	0.633
MAPK14	SRC	ENSP00000	ENSP00000	Mitogen-activated protein kinase 14; Se	Proto-oncogene tyrosine-protein kinase	0.939
MAPK14	TLR9	ENSP00000	ENSP00000	Mitogen-activated protein kinase 14; Se	Toll-like receptor 9; Key component of i	0.468
MAPK14	TNF	ENSP00000	ENSP00000	Mitogen-activated protein kinase 14; Se	Tumor necrosis factor; Cytokine that bin	0.975
MET	ALB	ENSP00000	ENSP00000	Hepatocyte growth factor receptor; Rec	Serum albumin; Serum albumin, the mai	0.574
MET	CASP3	ENSP00000	ENSP00000	Hepatocyte growth factor receptor; Rec	Caspase-3; Involved in the activation cas	0.815
MET	FN1	ENSP00000	ENSP00000	Hepatocyte growth factor receptor; Rec	Fibronectin 1; Fibronectin type III domai	0.768
MET	HRAS	ENSP00000	ENSP00000	Hepatocyte growth factor receptor; Rec	GTPase HRas; Involved in the activation	0.982
MET	HSP90AA1	ENSP00000	ENSP00000	Hepatocyte growth factor receptor; Rec	Heat shock protein HSP 90-alpha; Molec	0.771
MET	KDR	ENSP00000	ENSP00000	Hepatocyte growth factor receptor; Rec	Vascular endothelial growth factor recep	0.702

MET	MGMT	ENSP00000	ENSP00000	Hepatocyte growth factor receptor; Rec	Methylated-dna-[protein]-cysteine s-m	0.423
MET	MMP2	ENSP00000	ENSP00000	Hepatocyte growth factor receptor; Rec	Matrix metalloproteinase-2 (gelatinase a	0.531
MET	MMP9	ENSP00000	ENSP00000	Hepatocyte growth factor receptor; Rec	Matrix metalloproteinase-9; May play an	0.57
MET	PIK3CA	ENSP00000	ENSP00000	Hepatocyte growth factor receptor; Rec	Phosphatidylinositol 4,5-bisphosphate 3	0.976
MET	PTGS2	ENSP00000	ENSP00000	Hepatocyte growth factor receptor; Rec	Prostaglandin G/H synthase 2; Converts	0.477
MET	PTPN2	ENSP00000	ENSP00000	Hepatocyte growth factor receptor; Rec	Tyrosine-protein phosphatase non-rece	0.92
MET	RET	ENSP00000	ENSP00000	Hepatocyte growth factor receptor; Rec	Proto-oncogene tyrosine-protein kinase	0.474
MET	SRC	ENSP00000	ENSP00000	Hepatocyte growth factor receptor; Rec	Proto-oncogene tyrosine-protein kinase	0.982
MET	TNF	ENSP00000	ENSP00000	Hepatocyte growth factor receptor; Rec	Tumor necrosis factor; Cytokine that bin	0.487
MGMT	ABCB1	ENSP00000	ENSP00000	Methylated-dna-[protein]-cysteine s-m	Multidrug resistance protein 1; Energy-d	0.457
MGMT	CASP3	ENSP00000	ENSP00000	Methylated-dna-[protein]-cysteine s-m	Caspase-3; Involved in the activation cas	0.437
MGMT	HRAS	ENSP00000	ENSP00000	Methylated-dna-[protein]-cysteine s-m	GTPase HRas; Involved in the activation	0.652
MGMT	HSP90AA1	ENSP00000	ENSP00000	Methylated-dna-[protein]-cysteine s-m	Heat shock protein HSP 90-alpha; Molec	0.6
MGMT	MET	ENSP00000	ENSP00000	Methylated-dna-[protein]-cysteine s-m	Hepatocyte growth factor receptor; Rece	0.423
MGMT	PIK3CA	ENSP00000	ENSP00000	Methylated-dna-[protein]-cysteine s-m	Phosphatidylinositol 4,5-bisphosphate 3	0.472
MGMT	TYMS	ENSP00000	ENSP00000	Methylated-dna-[protein]-cysteine s-m	Thymidylate synthetase; Thymidylate syn	0.419
MMP12	ALB	ENSP00000	ENSP00000	Matrix metalloproteinase-12 (macropha	Serum albumin; Serum albumin, the mai	0.422
MMP12	FN1	ENSP00000	ENSP00000	Matrix metalloproteinase-12 (macropha	Fibronectin 1; Fibronectin type III domai	0.583
MMP12	HSP90AA1	ENSP00000	ENSP00000	Matrix metalloproteinase-12 (macropha	Heat shock protein HSP 90-alpha; Molec	0.453
MMP12	MMP9	ENSP00000	ENSP00000	Matrix metalloproteinase-12 (macropha	Matrix metalloproteinase-9; May play an	0.724
MMP12	PTGS2	ENSP00000	ENSP00000	Matrix metalloproteinase-12 (macropha	Prostaglandin G/H synthase 2; Converts	0.405
MMP12	TNF	ENSP00000	ENSP00000	Matrix metalloproteinase-12 (macropha	Tumor necrosis factor; Cytokine that bin	0.586
MMP13	ALB	ENSP00000	ENSP00000	Matrix metalloproteinase-13 (collagena	Serum albumin; Serum albumin, the mai	0.581
MMP13	CASP3	ENSP00000	ENSP00000	Matrix metalloproteinase-13 (collagena	Caspase-3; Involved in the activation cas	0.522
MMP13	FN1	ENSP00000	ENSP00000	Matrix metalloproteinase-13 (collagena	Fibronectin 1; Fibronectin type III domai	0.665
MMP13	MAPK14	ENSP00000	ENSP00000	Matrix metalloproteinase-13 (collagena	Mitogen-activated protein kinase 14; Ser	0.432
MMP13	MMP9	ENSP00000	ENSP00000	Matrix metalloproteinase-13 (collagena	Matrix metalloproteinase-9; May play an	0.436
MMP13	PPARG	ENSP00000	ENSP00000	Matrix metalloproteinase-13 (collagena	Peroxisome proliferator-activated recept	0.4
MMP13	PTGS2	ENSP00000	ENSP00000	Matrix metalloproteinase-13 (collagena	Prostaglandin G/H synthase 2; Converts	0.636
MMP13	TNF	ENSP00000	ENSP00000	Matrix metalloproteinase-13 (collagena	Tumor necrosis factor; Cytokine that bin	0.721
MMP2	ALB	ENSP00000	ENSP00000	Matrix metalloproteinase-2 (gelatinase	Serum albumin; Serum albumin, the mai	0.686

MMP2	ALOX5	ENSP00000	ENSP00000	Matrix metalloproteinase-2 (gelatinase	Arachidonate 5-lipoxygenase; Catalyzes	0.503
MMP2	CASP3	ENSP00000	ENSP00000	Matrix metalloproteinase-2 (gelatinase	Caspase-3; Involved in the activation cas	0.681
MMP2	FN1	ENSP00000	ENSP00000	Matrix metalloproteinase-2 (gelatinase	Fibronectin 1; Fibronectin type III domai	0.607
MMP2	HRAS	ENSP00000	ENSP00000	Matrix metalloproteinase-2 (gelatinase	GTPase HRas; Involved in the activation	0.504
MMP2	HSP90AA1	ENSP00000	ENSP00000	Matrix metalloproteinase-2 (gelatinase	Heat shock protein HSP 90-alpha; Molec	0.938
MMP2	IL2	ENSP00000	ENSP00000	Matrix metalloproteinase-2 (gelatinase	Interleukin-2; Produced by T-cells in res	0.424
MMP2	KDR	ENSP00000	ENSP00000	Matrix metalloproteinase-2 (gelatinase	Vascular endothelial growth factor recep	0.639
MMP2	KLK3	ENSP00000	ENSP00000	Matrix metalloproteinase-2 (gelatinase	Kallikrein related peptidase 3; Prostate-s	0.422
MMP2	LGALS3	ENSP00000	ENSP00000	Matrix metalloproteinase-2 (gelatinase	Galectin-3; Galactose-specific lectin whi	0.574
MMP2	MET	ENSP00000	ENSP00000	Matrix metalloproteinase-2 (gelatinase	Hepatocyte growth factor receptor; Rece	0.531
MMP2	MMP9	ENSP00000	ENSP00000	Matrix metalloproteinase-2 (gelatinase	Matrix metalloproteinase-9; May play an	0.908
MMP2	PPARG	ENSP00000	ENSP00000	Matrix metalloproteinase-2 (gelatinase	Peroxisome proliferator-activated recept	0.514
MMP2	PTGS2	ENSP00000	ENSP00000	Matrix metalloproteinase-2 (gelatinase	Prostaglandin G/H synthase 2; Converts	0.663
MMP2	SRC	ENSP00000	ENSP00000	Matrix metalloproteinase-2 (gelatinase	Proto-oncogene tyrosine-protein kinase	0.96
MMP2	TNF	ENSP00000	ENSP00000	Matrix metalloproteinase-2 (gelatinase	Tumor necrosis factor; Cytokine that bin	0.734
MMP8	ALB	ENSP00000	ENSP00000	Matrix metalloproteinase-8 (neutrophil	Serum albumin; Serum albumin, the mai	0.671
MMP8	CASP3	ENSP00000	ENSP00000	Matrix metalloproteinase-8 (neutrophil	Caspase-3; Involved in the activation cas	0.494
MMP8	FN1	ENSP00000	ENSP00000	Matrix metalloproteinase-8 (neutrophil	Fibronectin 1; Fibronectin type III domai	0.707
MMP8	MMP9	ENSP00000	ENSP00000	Matrix metalloproteinase-8 (neutrophil	Matrix metalloproteinase-9; May play an	0.651
MMP8	PTGS2	ENSP00000	ENSP00000	Matrix metalloproteinase-8 (neutrophil	Prostaglandin G/H synthase 2; Converts	0.525
MMP8	TNF	ENSP00000	ENSP00000	Matrix metalloproteinase-8 (neutrophil	Tumor necrosis factor; Cytokine that bin	0.675
MMP9	ALB	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Serum albumin; Serum albumin, the mai	0.773
MMP9	ALOX5	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Arachidonate 5-lipoxygenase; Catalyzes	0.526
MMP9	CA2	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Carbonic anhydrase 2; Essential for bone	0.469
MMP9	CASP3	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Caspase-3; Involved in the activation cas	0.772
MMP9	CD38	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	ADP-ribosyl cyclase/cyclic ADP-ribose h	0.449
MMP9	FN1	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Fibronectin 1; Fibronectin type III domai	0.608
MMP9	HRAS	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	GTPase HRas; Involved in the activation	0.6
MMP9	HSP90AA1	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Heat shock protein HSP 90-alpha; Molec	0.452
MMP9	IL2	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Interleukin-2; Produced by T-cells in res	0.56
MMP9	KDR	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Vascular endothelial growth factor recep	0.76

MMP9	KLK3	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Kallikrein related peptidase 3; Prostate-s	0.459
MMP9	LGALS3	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Galectin-3; Galactose-specific lectin whi	0.729
MMP9	MAPK14	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Mitogen-activated protein kinase 14; Ser	0.571
MMP9	MET	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Hepatocyte growth factor receptor; Rece	0.57
MMP9	MMP12	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Matrix metalloproteinase-12 (macropha	0.724
MMP9	MMP13	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Matrix metalloproteinase-13 (collagenas	0.436
MMP9	MMP2	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Matrix metalloproteinase-2 (gelatinase a	0.908
MMP9	MMP8	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Matrix metalloproteinase-8 (neutrophil c	0.651
MMP9	PPARG	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Peroxisome proliferator-activated recept	0.652
MMP9	PRKCD	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Protein kinase C delta type; Calcium-ind	0.414
MMP9	PTGS2	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Prostaglandin G/H synthase 2; Converts	0.76
MMP9	SRC	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Proto-oncogene tyrosine-protein kinase	0.97
MMP9	TLR9	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Toll-like receptor 9; Key component of i	0.432
MMP9	TNF	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Tumor necrosis factor; Cytokine that bin	0.89
MMP9	TYMP	ENSP00000	ENSP00000	Matrix metalloproteinase-9; May play a	Thymidine phosphorylase; May have a r	0.456
PIK3CA	AURKA	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	Aurora kinase A; Mitotic serine/threonin	0.504
PIK3CA	CASP3	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	Caspase-3; Involved in the activation cas	0.53
PIK3CA	HRAS	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	GTPase HRas; Involved in the activation	0.999
PIK3CA	HSP90AA1	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	Heat shock protein HSP 90-alpha; Molec	0.88
PIK3CA	IL2	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	Interleukin-2; Produced by T-cells in res	0.919
PIK3CA	KDR	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	Vascular endothelial growth factor recep	0.976
PIK3CA	MAPK14	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	Mitogen-activated protein kinase 14; Ser	0.403
PIK3CA	MET	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	Hepatocyte growth factor receptor; Rece	0.976
PIK3CA	MGMT	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	Methylated-dna-[protein]-cysteine s-m	0.472
PIK3CA	PIK3CG	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	Phosphatidylinositol 4,5-bisphosphate 3	0.919
PIK3CA	PRKCD	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	Protein kinase C delta type; Calcium-ind	0.939
PIK3CA	PTGS2	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	Prostaglandin G/H synthase 2; Converts	0.403
PIK3CA	RET	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	Proto-oncogene tyrosine-protein kinase	0.971
PIK3CA	SRC	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	Proto-oncogene tyrosine-protein kinase	0.971
PIK3CG	HRAS	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	GTPase HRas; Involved in the activation	0.998
PIK3CG	KDR	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	Vascular endothelial growth factor recep	0.52

PIK3CG	MAPK14	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	Mitogen-activated protein kinase 14; Ser	0.409
PIK3CG	PIK3CA	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	Phosphatidylinositol 4,5-bisphosphate 3	0.919
PIK3CG	PRKCB	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	Protein kinase C beta type; Calcium-acti	0.688
PIK3CG	SRC	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	Proto-oncogene tyrosine-protein kinase	0.826
PIK3CG	TNF	ENSP00000	ENSP00000	Phosphatidylinositol 4,5-bisphosphate 3	Tumor necrosis factor; Cytokine that bin	0.474
PPARG	ALB	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Serum albumin; Serum albumin, the mai	0.737
PPARG	ALOX5	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Arachidonate 5-lipoxygenase; Catalyzes	0.676
PPARG	CASP3	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Caspase-3; Involved in the activation cas	0.644
PPARG	FN1	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Fibronectin 1; Fibronectin type III domai	0.567
PPARG	GPR55	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	G protein-coupled receptor 55; G-protei	0.522
PPARG	HCAR2	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Hydroxycarboxylic acid receptor 2; Acts a	0.545
PPARG	HRAS	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	GTPase HRas; Involved in the activation	0.544
PPARG	HSP90AA1	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Heat shock protein HSP 90-alpha; Molec	0.782
PPARG	IL2	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Interleukin-2; Produced by T-cells in res	0.459
PPARG	KDR	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Vascular endothelial growth factor recep	0.476
PPARG	LGALS3	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Galectin-3; Galactose-specific lectin whi	0.472
PPARG	LGALS4	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Galectin-4; Galectin that binds lactose a	0.973
PPARG	MAPK14	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Mitogen-activated protein kinase 14; Ser	0.678
PPARG	MMP13	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Matrix metalloproteinase-13 (collagenas	0.4
PPARG	MMP2	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Matrix metalloproteinase-2 (gelatinase a	0.514
PPARG	MMP9	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Matrix metalloproteinase-9; May play an	0.652
PPARG	PTGS1	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Prostaglandin G/H synthase 1; Converts	0.525
PPARG	PTGS2	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Prostaglandin G/H synthase 2; Converts	0.862
PPARG	RET	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Proto-oncogene tyrosine-protein kinase	0.602
PPARG	SRC	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Proto-oncogene tyrosine-protein kinase	0.739
PPARG	TNF	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Tumor necrosis factor; Cytokine that bin	0.979
PPARG	XDH	ENSP00000	ENSP00000	Peroxisome proliferator-activated recep	Xanthine dehydrogenase/oxidase; Key e	0.438
PRKCB	ADRA2A	ENSP00000	ENSP00000	Protein kinase C beta type; Calcium-acti	Alpha-2A adrenergic receptor; Alpha-2	0.663
PRKCB	CASP3	ENSP00000	ENSP00000	Protein kinase C beta type; Calcium-acti	Caspase-3; Involved in the activation cas	0.855
PRKCB	CD38	ENSP00000	ENSP00000	Protein kinase C beta type; Calcium-acti	ADP-ribosyl cyclase/cyclic ADP-ribose h	0.837
PRKCB	HRAS	ENSP00000	ENSP00000	Protein kinase C beta type; Calcium-acti	GTPase HRas; Involved in the activation	0.931

PRKCB	IL2	ENSP00000	ENSP00000	Protein kinase C beta type; Calcium-acti	Interleukin-2; Produced by T-cells in res	0.916
PRKCB	PIK3CG	ENSP00000	ENSP00000	Protein kinase C beta type; Calcium-acti	Phosphatidylinositol 4,5-bisphosphate 3	0.688
PRKCB	PRKCD	ENSP00000	ENSP00000	Protein kinase C beta type; Calcium-acti	Protein kinase C delta type; Calcium-ind	0.858
PRKCB	SRC	ENSP00000	ENSP00000	Protein kinase C beta type; Calcium-acti	Proto-oncogene tyrosine-protein kinase	0.92
PRKCD	ADRA2A	ENSP00000	ENSP00000	Protein kinase C delta type; Calcium-in	Alpha-2A adrenergic receptor; Alpha-2	0.732
PRKCD	CASP3	ENSP00000	ENSP00000	Protein kinase C delta type; Calcium-in	Caspase-3; Involved in the activation cas	0.984
PRKCD	HRAS	ENSP00000	ENSP00000	Protein kinase C delta type; Calcium-in	GTPase HRas; Involved in the activation	0.945
PRKCD	HSP90AA1	ENSP00000	ENSP00000	Protein kinase C delta type; Calcium-in	Heat shock protein HSP 90-alpha; Molec	0.858
PRKCD	MMP9	ENSP00000	ENSP00000	Protein kinase C delta type; Calcium-in	Matrix metalloproteinase-9; May play an	0.414
PRKCD	PIK3CA	ENSP00000	ENSP00000	Protein kinase C delta type; Calcium-in	Phosphatidylinositol 4,5-bisphosphate 3	0.939
PRKCD	PRKCB	ENSP00000	ENSP00000	Protein kinase C delta type; Calcium-in	Protein kinase C beta type; Calcium-acti	0.858
PRKCD	PTGS2	ENSP00000	ENSP00000	Protein kinase C delta type; Calcium-in	Prostaglandin G/H synthase 2; Converts	0.413
PRKCD	SRC	ENSP00000	ENSP00000	Protein kinase C delta type; Calcium-in	Proto-oncogene tyrosine-protein kinase	0.971
PRKCD	TNF	ENSP00000	ENSP00000	Protein kinase C delta type; Calcium-in	Tumor necrosis factor; Cytokine that bin	0.53
PTGS1	ALOX5	ENSP00000	ENSP00000	Prostaglandin G/H synthase 1; Converts	Arachidonate 5-lipoxygenase; Catalyzes	0.973
PTGS1	PPARG	ENSP00000	ENSP00000	Prostaglandin G/H synthase 1; Converts	Peroxisome proliferator-activated recept	0.525
PTGS1	PTGS2	ENSP00000	ENSP00000	Prostaglandin G/H synthase 1; Converts	Prostaglandin G/H synthase 2; Converts	0.869
PTGS1	TNF	ENSP00000	ENSP00000	Prostaglandin G/H synthase 1; Converts	Tumor necrosis factor; Cytokine that bin	0.569
PTGS2	ABCB1	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Multidrug resistance protein 1; Energy-d	0.426
PTGS2	ACHE	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Acetylcholinesterase (cartwright blood g	0.477
PTGS2	ALB	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Serum albumin; Serum albumin, the mai	0.703
PTGS2	ALOX5	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Arachidonate 5-lipoxygenase; Catalyzes	0.982
PTGS2	CASP3	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Caspase-3; Involved in the activation cas	0.721
PTGS2	FN1	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Fibronectin 1; Fibronectin type III domai	0.654
PTGS2	GPR55	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	G protein-coupled receptor 55; G-protei	0.415
PTGS2	HRAS	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	GTPase HRas; Involved in the activation	0.58
PTGS2	HSP90AA1	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Heat shock protein HSP 90-alpha; Molec	0.429
PTGS2	IL2	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Interleukin-2; Produced by T-cells in res	0.577
PTGS2	KDR	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Vascular endothelial growth factor recep	0.477
PTGS2	KLK3	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Kallikrein related peptidase 3; Prostate-s	0.411
PTGS2	MAPK14	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Mitogen-activated protein kinase 14; Ser	0.633

PTGS2	MET	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Hepatocyte growth factor receptor; Rece	0.477
PTGS2	MMP12	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Matrix metalloproteinase-12 (macropha	0.405
PTGS2	MMP13	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Matrix metalloproteinase-13 (collagenas	0.636
PTGS2	MMP2	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Matrix metalloproteinase-2 (gelatinase a	0.663
PTGS2	MMP8	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Matrix metalloproteinase-8 (neutrophil c	0.525
PTGS2	MMP9	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Matrix metalloproteinase-9; May play an	0.76
PTGS2	PIK3CA	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Phosphatidylinositol 4,5-bisphosphate 3	0.403
PTGS2	PPARG	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Peroxisome proliferator-activated recept	0.862
PTGS2	PRKCD	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Protein kinase C delta type; Calcium-ind	0.413
PTGS2	PTGS1	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Prostaglandin G/H synthase 1; Converts	0.869
PTGS2	SRC	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Proto-oncogene tyrosine-protein kinase	0.657
PTGS2	TLR9	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Toll-like receptor 9; Key component of i	0.418
PTGS2	TNF	ENSP00000	ENSP00000	Prostaglandin G/H synthase 2; Converts	Tumor necrosis factor; Cytokine that bin	0.863
PTPN2	IL2	ENSP00000	ENSP00000	Tyrosine-protein phosphatase non-rece	Interleukin-2; Produced by T-cells in res	0.569
PTPN2	KDR	ENSP00000	ENSP00000	Tyrosine-protein phosphatase non-rece	Vascular endothelial growth factor recep	0.917
PTPN2	MET	ENSP00000	ENSP00000	Tyrosine-protein phosphatase non-rece	Hepatocyte growth factor receptor; Rece	0.92
PTPN2	PTPRS	ENSP00000	ENSP00000	Tyrosine-protein phosphatase non-rece	Receptor-type tyrosine-protein phosph	0.484
PTPN2	SRC	ENSP00000	ENSP00000	Tyrosine-protein phosphatase non-rece	Proto-oncogene tyrosine-protein kinase	0.963
PTPN22	GPR55	ENSP00000	ENSP00000	Tyrosine-protein phosphatase non-rece	G protein-coupled receptor 55; G-protei	0.42
PTPN22	IL2	ENSP00000	ENSP00000	Tyrosine-protein phosphatase non-rece	Interleukin-2; Produced by T-cells in res	0.529
PTPN22	SRC	ENSP00000	ENSP00000	Tyrosine-protein phosphatase non-rece	Proto-oncogene tyrosine-protein kinase	0.977
PTPN22	TLR9	ENSP00000	ENSP00000	Tyrosine-protein phosphatase non-rece	Toll-like receptor 9; Key component of i	0.431
PTPN22	TNF	ENSP00000	ENSP00000	Tyrosine-protein phosphatase non-rece	Tumor necrosis factor; Cytokine that bin	0.541
PTPRS	PTPN2	ENSP00000	ENSP00000	Receptor-type tyrosine-protein phosph	Tyrosine-protein phosphatase non-rece	0.484
PTPRS	RET	ENSP00000	ENSP00000	Receptor-type tyrosine-protein phosph	Proto-oncogene tyrosine-protein kinase	0.446
PTPRS	SRC	ENSP00000	ENSP00000	Receptor-type tyrosine-protein phosph	Proto-oncogene tyrosine-protein kinase	0.426
RET	ALB	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Serum albumin; Serum albumin, the mai	0.406
RET	CASP3	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Caspase-3; Involved in the activation cas	0.619
RET	HRAS	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	GTPase HRas; Involved in the activation	0.984
RET	HSP90AA1	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Heat shock protein HSP 90-alpha; Molec	0.723
RET	KDR	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Vascular endothelial growth factor recep	0.466



RET	LGALS3	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Galectin-3; Galactose-specific lectin whi	0.414
RET	MET	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Hepatocyte growth factor receptor; Rece	0.474
RET	PIK3CA	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Phosphatidylinositol 4,5-bisphosphate 3	0.971
RET	PPARG	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Peroxisome proliferator-activated recept	0.602
RET	PTPRS	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Receptor-type tyrosine-protein phospho	0.446
RET	SRC	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Proto-oncogene tyrosine-protein kinase	0.958
SRC	ABCB1	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Multidrug resistance protein 1; Energy-d	0.407
SRC	ALB	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Serum albumin; Serum albumin, the mai	0.695
SRC	CASP3	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Caspase-3; Involved in the activation cas	0.689
SRC	FN1	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Fibronectin 1; Fibronectin type III domai	0.981
SRC	HRAS	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	GTPase HRas; Involved in the activation	0.996
SRC	HSP90AA1	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Heat shock protein HSP 90-alpha; Molec	0.999
SRC	IL2	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Interleukin-2; Produced by T-cells in res	0.561
SRC	ITGAL	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Integrin subunit alpha I; Integrin alpha-L	0.708
SRC	KDR	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Vascular endothelial growth factor recep	0.992
SRC	KLK3	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Kallikrein related peptidase 3; Prostate-s	0.413
SRC	LGALS3	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Galectin-3; Galactose-specific lectin whi	0.555
SRC	LGALS4	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Galectin-4; Galectin that binds lactose a	0.426
SRC	MAPK14	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Mitogen-activated protein kinase 14; Ser	0.939
SRC	MET	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Hepatocyte growth factor receptor; Rece	0.982
SRC	MMP2	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Matrix metalloproteinase-2 (gelatinase a	0.96
SRC	MMP9	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Matrix metalloproteinase-9; May play an	0.97
SRC	PIK3CA	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Phosphatidylinositol 4,5-bisphosphate 3	0.971
SRC	PIK3CG	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Phosphatidylinositol 4,5-bisphosphate 3	0.826
SRC	PPARG	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Peroxisome proliferator-activated recept	0.739
SRC	PRKCB	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Protein kinase C beta type; Calcium-acti	0.92
SRC	PRKCD	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Protein kinase C delta type; Calcium-ind	0.971
SRC	PTGS2	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Prostaglandin G/H synthase 2; Converts	0.657
SRC	PTPN2	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Tyrosine-protein phosphatase non-rece	0.963
SRC	PTPN22	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Tyrosine-protein phosphatase non-rece	0.977
SRC	PTPRS	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Receptor-type tyrosine-protein phospho	0.426

SRC	RET	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Proto-oncogene tyrosine-protein kinase	0.958
SRC	TLR9	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Toll-like receptor 9; Key component of i	0.571
SRC	TNF	ENSP00000	ENSP00000	Proto-oncogene tyrosine-protein kinas	Tumor necrosis factor; Cytokine that bin	0.696
TLR9	ALB	ENSP00000	ENSP00000	Toll-like receptor 9; Key component of i	Serum albumin; Serum albumin, the mai	0.548
TLR9	CASP3	ENSP00000	ENSP00000	Toll-like receptor 9; Key component of i	Caspase-3; Involved in the activation cas	0.414
TLR9	CD38	ENSP00000	ENSP00000	Toll-like receptor 9; Key component of i	ADP-ribosyl cyclase/cyclic ADP-ribose h	0.482
TLR9	FN1	ENSP00000	ENSP00000	Toll-like receptor 9; Key component of i	Fibronectin 1; Fibronectin type III domai	0.404
TLR9	HRAS	ENSP00000	ENSP00000	Toll-like receptor 9; Key component of i	GTPase HRas; Involved in the activation	0.414
TLR9	IL2	ENSP00000	ENSP00000	Toll-like receptor 9; Key component of i	Interleukin-2; Produced by T-cells in res	0.684
TLR9	MAPK14	ENSP00000	ENSP00000	Toll-like receptor 9; Key component of i	Mitogen-activated protein kinase 14; Ser	0.468
TLR9	MMP9	ENSP00000	ENSP00000	Toll-like receptor 9; Key component of i	Matrix metalloproteinase-9; May play an	0.432
TLR9	PTGS2	ENSP00000	ENSP00000	Toll-like receptor 9; Key component of i	Prostaglandin G/H synthase 2; Converts	0.418
TLR9	PTPN22	ENSP00000	ENSP00000	Toll-like receptor 9; Key component of i	Tyrosine-protein phosphatase non-rece	0.431
TLR9	SRC	ENSP00000	ENSP00000	Toll-like receptor 9; Key component of i	Proto-oncogene tyrosine-protein kinase	0.571
TLR9	TNF	ENSP00000	ENSP00000	Toll-like receptor 9; Key component of i	Tumor necrosis factor; Cytokine that bin	0.859
TNF	ABCB1	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Multidrug resistance protein 1; Energy-d	0.455
TNF	ACHE	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Acetylcholinesterase (cartwright blood g	0.521
TNF	ADORA3	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Transmembrane domain-containing pro	0.53
TNF	ALB	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Serum albumin; Serum albumin, the mai	0.866
TNF	ALOX5	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Arachidonate 5-lipoxygenase; Catalyzes	0.652
TNF	CASP3	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Caspase-3; Involved in the activation cas	0.896
TNF	CD38	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	ADP-ribosyl cyclase/cyclic ADP-ribose h	0.64
TNF	FN1	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Fibronectin 1; Fibronectin type III domai	0.93
TNF	HCAR2	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Hydroxycarboxylic acid receptor 2; Acts a	0.486
TNF	HRAS	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	GTPase HRas; Involved in the activation	0.623
TNF	HSP90AA1	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Heat shock protein HSP 90-alpha; Molec	0.572
TNF	IL2	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Interleukin-2; Produced by T-cells in res	0.933
TNF	ITGAL	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Integrin subunit alpha I; Integrin alpha-L	0.692
TNF	KDR	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Vascular endothelial growth factor recep	0.623
TNF	KLK3	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Kallikrein related peptidase 3; Prostate-s	0.403
TNF	LGALS3	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Galectin-3; Galactose-specific lectin whi	0.624

TNF	LGALS9	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Galectin-9; Binds galactosides. Has high	0.555
TNF	MAP3K14	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Mitogen-activated protein kinase kinase	0.924
TNF	MAPK14	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Mitogen-activated protein kinase 14; Ser	0.975
TNF	MET	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Hepatocyte growth factor receptor; Rece	0.487
TNF	MMP12	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Matrix metalloproteinase-12 (macropha	0.586
TNF	MMP13	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Matrix metalloproteinase-13 (collagenas	0.721
TNF	MMP2	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Matrix metalloproteinase-2 (gelatinase a	0.734
TNF	MMP8	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Matrix metalloproteinase-8 (neutrophil c	0.675
TNF	MMP9	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Matrix metalloproteinase-9; May play an	0.89
TNF	PIK3CG	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Phosphatidylinositol 4,5-bisphosphate 3	0.474
TNF	PPARG	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Peroxisome proliferator-activated recept	0.979
TNF	PRKCD	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Protein kinase C delta type; Calcium-ind	0.53
TNF	PTGS1	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Prostaglandin G/H synthase 1; Converts	0.569
TNF	PTGS2	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Prostaglandin G/H synthase 2; Converts	0.863
TNF	PTPN22	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Tyrosine-protein phosphatase non-rece	0.541
TNF	SRC	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Proto-oncogene tyrosine-protein kinase	0.696
TNF	TLR9	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Toll-like receptor 9; Key component of i	0.859
TNF	XDH	ENSP00000	ENSP00000	Tumor necrosis factor; Cytokine that bin	Xanthine dehydrogenase/oxidase; Key e	0.505
TYMP	DHFR	ENSP00000	ENSP00000	Thymidine phosphorylase; May have a r	Dihydrofolate reductase; Key enzyme in f	0.495
TYMP	MMP9	ENSP00000	ENSP00000	Thymidine phosphorylase; May have a r	Matrix metalloproteinase-9; May play an	0.456
TYMP	TYMS	ENSP00000	ENSP00000	Thymidine phosphorylase; May have a r	Thymidylate synthetase; Thymidylate syn	0.904
TYMS	ABCB1	ENSP00000	ENSP00000	Thymidylate synthetase; Thymidylate sy	Multidrug resistance protein 1; Energy-d	0.618
TYMS	AURKA	ENSP00000	ENSP00000	Thymidylate synthetase; Thymidylate sy	Aurora kinase A; Mitotic serine/threonin	0.909
TYMS	CASP3	ENSP00000	ENSP00000	Thymidylate synthetase; Thymidylate sy	Caspase-3; Involved in the activation cas	0.428
TYMS	DHFR	ENSP00000	ENSP00000	Thymidylate synthetase; Thymidylate sy	Dihydrofolate reductase; Key enzyme in f	0.999
TYMS	HRAS	ENSP00000	ENSP00000	Thymidylate synthetase; Thymidylate sy	GTPase HRas; Involved in the activation	0.569
TYMS	MGMT	ENSP00000	ENSP00000	Thymidylate synthetase; Thymidylate sy	Methylated-dna-[protein]-cysteine s-m	0.419
TYMS	TYMP	ENSP00000	ENSP00000	Thymidylate synthetase; Thymidylate sy	Thymidine phosphorylase; May have a r	0.904
XDH	ALB	ENSP00000	ENSP00000	Xanthine dehydrogenase/oxidase; Key e	Serum albumin; Serum albumin, the mai	0.424
XDH	PPARG	ENSP00000	ENSP00000	Xanthine dehydrogenase/oxidase; Key e	Peroxisome proliferator-activated recept	0.438
XDH	TNF	ENSP00000	ENSP00000	Xanthine dehydrogenase/oxidase; Key e	Tumor necrosis factor; Cytokine that bin	0.505