

Target	Database	UniProt and AC	Target Description
3BHS1_HUMAN	both	3BH1_HUMAN;P14060;3beta-HSD	3beta-hydroxysteroid dehydrogenase, progesterone reductase [-]
5HT1A_HUMAN	both	P08908;5HT1A_HUMAN;5-HT1A	5-hydroxytryptamine 1A receptor (5-HT-1A) (Serotonin receptor 1A) (5-HT1A) (G-21);5-hydroxytryptamine 1A receptor, serotonergic receptor [-]
5HT1B_HUMAN	both	P28222;5HT1B_HUMAN;5-HT1B	5-hydroxytryptamine 1B receptor (5-HT-1B) (Serotonin receptor 1B) (5-HT-1D-beta) (Serotonin 1D beta receptor) (S12);5-hydroxytryptamine 1B receptor, serotonergic receptor [-]
5HT1D_HUMAN	both	P28221;5HT1D_HUMAN;5-HT1D	5-hydroxytryptamine 1D receptor (5-HT-1D) (Serotonin receptor 1D) (5-HT-1D-alpha);5-hydroxytryptamine 1D receptor, serotonergic receptor [-]
5HT1E_HUMAN	both	P28566;5HT1E_HUMAN;5-HT1E	5-hydroxytryptamine 1E receptor (5-HT-1E) (Serotonin receptor 1E) (5-HT1E) (S31);5-hydroxytryptamine 1E receptor, serotonergic receptor [-]
5HT1F_HUMAN	both	P30939;5HT1F_HUMAN;5-HT1F	5-hydroxytryptamine 1F receptor (5-HT-1F) (Serotonin receptor 1F);5-hydroxytryptamine 1F receptor, serotonergic receptor [-]
5HT2A_HUMAN	both	P28223;5HT2A_HUMAN;5-HT2A	5-hydroxytryptamine 2A receptor (5-HT-2A) (Serotonin receptor 2A) (5-HT-2);5-hydroxytryptamine 2A receptor, serotonergic receptor [-]
5HT2A_RAT	both	P14842;5HT2A_RAT;5-HT2	5-hydroxytryptamine 2A receptor (5-HT-2A) (Serotonin receptor 2A) (5-HT-2);5-hydroxytryptamine 2A receptor, serotonergic receptor [-]
5HT2B_HUMAN	both	P41595;5HT2B_HUMAN;5-HT2B	5-hydroxytryptamine 2B receptor (5-HT-2B) (Serotonin receptor 2B);5-hydroxytryptamine 2B receptor, serotonergic receptor [-]
5HT2C_HUMAN	both	P28335;5HT2C_HUMAN;5-HT2C	5-hydroxytryptamine 2C receptor (5-HT-2C) (Serotonin receptor 2C) (5HT-1C);5-hydroxytryptamine 2C receptor, serotonergic receptor [-]
5HT3A_RAT	both	5HT3_RAT;P35563;5-HT3	5-hydroxytryptamine 3 receptor, serotonergic receptor [-]
5HT4R_CAVPO	both	O70528;5HT4R_CAVPO;5-HT4	5-hydroxytryptamine 4 receptor (5-HT-4) (Serotonin

5HT5A_HUMAN	both	P47898;5HT5A_HUMAN;5-HT5A	receptor 4) (5-HT4);5-hydroxytryptamine 4 receptor, serotonergic receptor [-] 5-hydroxytryptamine 5A receptor (5-HT-5A) (Serotonin receptor 5A) (5-HT-5);5-hydroxytryptamine 5A receptor, serotonergic receptor [-]
5HT6R_HUMAN	both	P50406;5HT6R_HUMAN;5-HT6	5-hydroxytryptamine 6 receptor (5-HT-6) (Serotonin receptor 6);5-hydroxytryptamine 6 receptor, serotonergic receptor [-]
5HT7R_HUMAN	both	P34969;5HT7R_HUMAN;5-HT7	5-hydroxytryptamine 7 receptor (5-HT-7) (Serotonin receptor 7) (5-HT-X) (5HT7);5-hydroxytryptamine 7 receptor, serotonergic receptor [-]
A4_HUMAN	both	A4_HUMAN;P05067;beta-APP40	Amyloid beta A4 protein precursor (APP) (ABPP) (Alzheimers disease amyloid protein) (Cerebral vascular amyloid peptide) (CVAP) (Protease nexin-II) (PN-II) (APPI) (PreA4) [Contains: (Soluble APP-alpha) (S-APP-alpha)] [Contains: (Soluble APP-beta) (S-A...;amyloid-beta peptide(1-40) [-]
AA1R_HUMAN	both	P30542;AA1R_HUMAN;A1	Adenosine A1 receptor;adenosine A1 receptor [-]
AA1R_MOUSE	both	Q60612;AA1R_MOUSE;A1A	Adenosine A1 receptor;adenosine A1 receptor [-]
AA2AR_RAT	both	P30543;AA2AR_RAT;A2	Adenosine A2a receptor;adenosine A2 receptor [-]
AA2BR_HUMAN	both	P29275;AA2BR_HUMAN;A2B	Adenosine A2b receptor;adenosine A2B receptor [-]
AA3R_RAT	both	P28647;AA3R_RAT;A3	Adenosine A3 receptor (TGPCR1);adenosine A3 receptor [-]
ACES_BOVIN	both	ACES_BOVIN;P23795;AChE	Acetylcholinesterase precursor (AChE);acetylcholinesterase [-]
ACE_HUMAN	both	ACE_HUMAN;P12821;ACE	Angiotensin-converting enzyme, somatic isoform precursor (ACE) (Dipeptidyl carboxypeptidase I) (Kininase II) (CD143 antigen);angiotensin-converting enzyme, dipeptidyl carboxypeptidase I, kininase II [-]
ACHA7_RAT	both	ACH7_RAT;Q05941;nAChR	neuronal nicotinic acetylcholine receptor [-]
ACLY_RAT	both	ACLY_RAT;P16638;ACL	ATP-citrate synthase (ATP-citrate (pro-S)-lyase) (Citrate cleavage enzyme);ATP-citrate lyase [-]
ACM1_HUMAN	both	P11229;ACM1_HUMAN;m1	Muscarinic acetylcholine receptor M1;muscarinic acetylcholine receptor M1 [-]
ACM2_HUMAN	both	P08172;ACM2_HUMAN;m2	Muscarinic acetylcholine receptor M2;muscarinic acetylcholine receptor M2 [-]
ACM3_HUMAN	both	P20309;ACM3_HUMAN;m3	Muscarinic acetylcholine receptor M3;muscarinic acetylcholine receptor M3 [-]

ACM4_HUMAN	both	P08173;ACM4_HUMAN;m4	Muscarinic acetylcholine receptor M4;muscarinic acetylcholine receptor M4 [-]
ACM5_HUMAN	both	P08912;ACM5_HUMAN;m5	Muscarinic acetylcholine receptor M5;muscarinic acetylcholine receptor M5 [-]
ACOX1_RAT	both	ACOX1_RAT;P07872;PalmCoA	Acyl-coenzyme A oxidase 1, peroxisomal (Palmitoyl-CoA oxidase) (AOX);palmitoyl-CoA oxidase [-]
ADA1A_HUMAN	both	P35348;ADA1A_HUMAN;alpha1c	Alpha-1A adrenergic receptor (Alpha 1A-adrenoceptor) (Alpha 1A-adrenoreceptor) (Alpha-1C adrenergic receptor) (Alpha adrenergic receptor 1c);alpha1c adrenergic receptor [-]
ADA1A_RAT	both	P43140;ADA1A_RAT;alpha	Alpha-1A adrenergic receptor (Alpha 1A-adrenoceptor) (Alpha 1A-adrenoreceptor) (Alpha-1C adrenergic receptor);alpha1a adrenergic receptor [-]
ADA1B_HUMAN	both	P35368;ADA1B_HUMAN;alpha1b	Alpha-1B adrenergic receptor (Alpha 1B-adrenoceptor) (Alpha 1B-adrenoreceptor);alpha1b adrenergic receptor [-]
ADA1D_HUMAN	both	P25100;ADA1D_HUMAN;alpha1d	Alpha-1D adrenergic receptor (Alpha 1D-adrenoceptor) (Alpha 1D-adrenoreceptor) (Alpha-1A adrenergic receptor) (Alpha adrenergic receptor 1a);alpha1d adrenergic receptor [-]
ADA2A_HUMAN	both	P08913;ADA2A_HUMAN;alpha2a	Alpha-2A adrenergic receptor (Alpha-2A adrenoceptor) (Alpha-2A adrenoreceptor) (Alpha-2AAR subtype C10);alpha2a adrenergic receptor [-]
ADA2A_RAT	both	P22909;ADA2A_RAT;alpha2	Alpha-2A adrenergic receptor (Alpha-2A adrenoceptor) (Alpha-2A adrenoreceptor) (Alpha-2AAR) (CA2-47) (Alpha-2D adrenergic receptor);alpha2a adrenergic receptor [-]
ADA2B_HUMAN	both	P18089;ADA2B_HUMAN;alpha2b	Alpha-2B adrenergic receptor (Alpha-2B adrenoceptor) (Alpha-2B adrenoreceptor) (Subtype C2);alpha2b adrenergic receptor [-]
ADA2C_HUMAN	both	P18825;ADA2C_HUMAN;alpha2c	Alpha-2C adrenergic receptor (Alpha-2C adrenoceptor) (Alpha-2C adrenoreceptor) (Subtype C4);alpha2c adrenergic receptor [-]
ADA_BOVIN	both	ADA_BOVIN;P56658;ADA	Adenosine deaminase (Adenosine aminohydrolase);adenosine deaminase [-]
ADCY1_BOVIN	both	CYA1_BOVIN;P19754;AC-1	adenylyl cyclase type I [-]
ADCY5_HUMAN	both	CYA5_HUMAN;O95622;AC-5	adenylyl cyclase type V [-]
ADH1A_HUMAN	both	ADHA_HUMAN;P07327;ADH alpha	alcohol dehydrogenase [-]

ADH1B_HUMAN	both	ADHB_HUMAN;P00325;ADH beta1	alcohol dehydrogenase [-]
ADH1E_HORSE	both	ADHE_HORSE;P00327;ADH	alcohol dehydrogenase [-]
ADH1G_HUMAN	both	ADHG_HUMAN;P00326;ADH gamma2	alcohol dehydrogenase [-]
ADK_HUMAN	both	ADK_HUMAN;P55263;AK	Adenosine kinase (AK) (Adenosine 5-phosphotransferase);adenosine kinase, adenosine 5'-phosphotransferase [-]
ADRB2_RAT	both	P10608;ADRB2_RAT;beta2	Beta-2 adrenergic receptor (Beta-2 adrenoceptor) (Beta-2 adrenoreceptor);beta2 adrenergic receptor [-]
ADRB3_HUMAN	both	P13945;ADRB3_HUMAN;beta3	Beta-3 adrenergic receptor (Beta-3 adrenoceptor) (Beta-3 adrenoreceptor);beta3 adrenergic receptor [-]
AGTR1_HUMAN	both	P30556;AG2R_HUMAN;AT1	type-1 angiotensin II receptor [-]
AGTR2_RAT	both	P35351;AG22_RAT;AT2	type-2 angiotensin II receptor [-]
AKT2_HUMAN	both	AKT2_HUMAN;P31751;PKB-alpha	RAC-beta serine/threonine-protein kinase (RAC-PK-beta) (Protein kinase Akt-2) (Protein kinase B, beta) (PKB beta);protein kinase B, beta, RAC-beta serine/threonine protein kinase, protein kinase Akt-2 [-]
AL5AP_HUMAN	both	FLAP_HUMAN;P20292;FLAP	5-lipoxygenase activating protein [-]
ALDR_BOVIN	both	ALDR_BOVIN;P16116;ALR1	Aldose reductase (AR) (Aldehyde reductase) (20-alpha-hydroxysteroid dehydrogenase) (EC 1.1.1.149) (20-alpha-HSD);aldose reductase 1 [-]
ALDR_RAT	both	ALDR_RAT;P07943;ALR	Aldose reductase (AR) (Aldehyde reductase);aldose reductase [-]
ALK_HUMAN	both	ALK_HUMAN;Q9UM73;ALK	ALK tyrosine kinase receptor precursor (EC 2.7.10.1) (Anaplastic lymphoma kinase) (CD246 antigen).;anaplastic lymphoma kinase [-]
AMP1_PLAFQ	both	AMP1_PLAFQ;O96935;Pfa-M1	zinc-aminopeptidase [Plasmodium falciparum];M1-family aminopeptidase [-]
AMPB_RAT	both	AMPB_RAT;O09175;APB	Aminopeptidase B (Ap-B) (Arginyl aminopeptidase) (Arginine aminopeptidase) (Cytosol aminopeptidase IV);aminopeptidase B, arginyl aminopeptidase [-]
AMPD2_HUMAN	both	AMD2_HUMAN;Q01433;AMPDA	AMP deaminase 2, AMP deaminase isoform L, erythrocyte AMP deaminase [-]
AMPM2_HUMAN	both	AMP2_HUMAN;P50579;APP	aminopeptidase P [-]
AMPM_ECOLI	both	AMPM_ECOLI;P07906;MetAP1	Methionine aminopeptidase (MAP) (Peptidase M);methionine aminopeptidase 1 [-]
ANDR_RAT	both	ANDR_RAT;P15207;AR	Androgen receptor (Dihydrotestosterone receptor);androgen receptor, dihydrotestosterone

ANPRA_HUMAN	both	ANPA_HUMAN;P16066;ANPR-A	receptor [-]
AOFA_RAT	both	AOFA_RAT;P21396;MAO A	atrial natriuretic peptide receptor A [+]
AOFB_BOVIN	both	AOFB_BOVIN;P56560;MAO B	Amine oxidase [flavin-containing] A (Monoamine oxidase) (MAO-A);amine oxidase [flavin-containing] A [-]
APH1A_HUMAN	both	AP1A_HUMAN;Q96BI3;gamma-secretase	Amine oxidase [flavin-containing] B (Monoamine oxidase) (MAO-B);amine oxidase [flavin-containing] B [-]
APH1B_HUMAN	both	AP1B_HUMAN;Q8WW43;APP/gamma-secretase	amyloid beta-peptide [-]
AROC_STRPN	both	AROC_STRPN;Q97Q57;CS	gamma-secretase [-]
AT1A1_CANFA	both	A1A1_CANFA;P50997;Na(+)/K(+) ATPase	Chorismate synthase (5-enolpyruvylshikimate-3-phosphate phospholyase);5-enolpyruvylshikimate-3-phosphate phospholyase [-]
ATP4A_PIG	both	ATP4A_PIG;P19156;H(+)/(K+)-ATPase	sodium/potassium-transporting ATPase [-]
ATS4_HUMAN	both	ATS4_HUMAN;O75173;aggrecanase	Potassium-transporting ATPase alpha chain 1 (Proton pump) (Gastric H+/K+ ATPase alpha subunit);potassium-transporting ATPase [-]
AURKB_HUMAN	both	AURKB_HUMAN;Q96GD4;Aurora-B	ADAMTS-4 precursor (A disintegrin and metalloproteinase with thrombospondin motifs 4) (ADAM-TS 4) (ADAM-TS4) (Aggrecanase 1) (ADMP-1);a disintegrin and metalloproteinase with thrombospondin motifs 4, ADAMTS-4 [-]
BACE1_HUMAN	both	BAE1_HUMAN;P56817;beta-secretase 1	Serine/threonine-protein kinase 12 (Aurora- and Ipl1-like midbody-associated protein 1) (AIM-1) (Aurora/IPL1-related kinase 2) (Aurora-related kinase 2) (STK-1) (Aurora-B);serine/threonine-protein kinase 12, aurora-B [-]
BACE2_HUMAN	both	BAE2_HUMAN;Q9Y5Z0;beta-secretase	aspartyl protease 2, beta-site amyloid precursor protein cleaving enzyme 1, memapsin-2 [-]
BAD_HUMAN	both	BAD_HUMAN;Q92934;Bcl-xL	aspartyl protease 1, beta-site amyloid precursor protein cleaving enzyme, memapsin-1 [-]
BKRB2_RAT	both	P25023;BKRB2_RAT;BK	Bcl2-antagonist of cell death (BAD) (Bcl-2 binding component 6) (Bcl-XL/Bcl-2 associated death promoter) (Bcl-2-like 8 protein);Bcl2-antagonist of cell death, BAD, Bcl-xL/Bcl-2 associated death promoter [-]
BRAF1_HUMAN	both	BRAF1_HUMAN;P15056;B-Raf	B2 bradykinin receptor (BK-2 receptor) (B2R);B2 bradykinin receptor [-]
			B-Raf proto-oncogene serine/threonine-protein kinase (p94) (v-Raf murine sarcoma viral oncogene

C1R_HUMAN	both	C1R_HUMAN;P00736;C1r	homolog B1);B-Raf proto-oncogene serine/threonine-protein kinase [-] Complement C1r subcomponent precursor (Complement component 1, r subcomponent);complement C1r component [-]
C5AR_HUMAN	both	P79188;C5AR_HUMAN;C5a-R	C5a anaphylatoxin chemotactic receptor (C5a-R) (C5aR) (CD88 antigen);C5a anaphylatoxin chemotactic receptor [-]
CAC1B_HUMAN	both	CCAB_HUMAN;Q00975;Ca(2+) channel	voltage-dependent N-type calcium channel [-]
CAH1_HUMAN	both	CAH1_HUMAN;P00915;CA-I	Carbonic anhydrase I (Carbonate dehydratase I) (CA-I) (Carbonic anhydrase B);carbonic anhydrase I [-]
CAH2_BOVIN	both	CAH2_BOVIN;P00921;CA	Carbonic anhydrase II (Carbonate dehydratase II) (CA-II);carbonic anhydrase [-]
CAH2_HUMAN	both	CAH2_HUMAN;P00918;CA-II	Carbonic anhydrase II (Carbonate dehydratase II) (CA-II) (Carbonic anhydrase C);carbonic anhydrase II [-]
CAH4_BOVIN	both	CAH4_BOVIN;Q95323;CA-IV	Carbonic anhydrase IV precursor (Carbonate dehydratase IV) (CA-IV);carbonic anhydrase IV [-]
CAH5A_HUMAN	both	CAH5A_HUMAN;P35218;CA-VA	Carbonic anhydrase VA, mitochondrial precursor (Carbonate dehydratase VA) (CA-VA);carbonic anhydrase VA, carbonate dehydratase VA [-]
CAH5A_MOUSE	both	CAH5A_MOUSE;P23589;CA-V	Carbonic anhydrase VA, mitochondrial precursor (Carbonate dehydratase VA) (CA-VA) (CA Y);carbonic anhydrase VA, mitochondrial [-]
CAH5B_HUMAN	both	CAH5B_HUMAN;Q9Y2D0;CA-VB	Carbonic anhydrase VB, mitochondrial precursor (Carbonate dehydratase VB) (CA-VB);carbonic anhydrase VB, carbonate dehydratase VB [-]
CAH9_HUMAN	both	CAH9_HUMAN;Q16790;CA-IX	Carbonic anhydrase IX precursor (Carbonate dehydratase IX) (CA-IX) (CAIX) (Membrane antigen MN) (P54/58N) (Renal cell carcinoma-associated antigen G250) (RCC-associated antigen G250) (pMW1);carbonic anhydrase IX [-]
CAN1_HUMAN	both	CAN1_HUMAN;P07384;calpain	Calpain 1, large [catalytic] subunit (Calcium-activated neutral proteinase) (CANP) (Mu-type) (muCANP) (Micromolar-calpain);calcium-activated neutral proteinase [-]
CAN1_PIG	both	CAN1_PIG;P35750;calpain 1	Calpain 1, large [catalytic] subunit (Calcium-activated neutral proteinase) (CANP) (Mu-type) (muCANP) (Micromolar-calpain);calcium-activated

CAN2_PIG	both	CAN2_PIG;P43367;calpain 2	neutral proteinase [-] Calpain 2, large [catalytic] subunit (Calcium-activated neutral proteinase) (CANP) (M-type) (M-calpain) (Millimolar-calpain);M-calpain, calpain large polypeptide L2 [-]
CASP2_HUMAN	both	ICE2_HUMAN;P42575;caspase-2	ICH-1 protease [-]
CASP3_HUMAN	both	ICE3_HUMAN;P42574;caspase-3	cysteine protease CPP32, apopain [-]
CASP9_HUMAN	both	ICE9_HUMAN;P55211;caspase-9	apoptotic protease Mch-6 [-]
CATD_BOVIN	both	CATD_BOVIN;P80209;cathepsin D	Cathepsin D precursor;cathepsin D [-]
CATE_HUMAN	both	CATE_HUMAN;P14091;cathepsin E	Cathepsin E precursor;cahepsin E [-]
CATG_HUMAN	both	CATG_HUMAN;P08311;cathepsin G	Cathepsin G precursor (CG);cathepsin G [-]
CATH_HUMAN	both	CATH_HUMAN;P09668;cathepsin H	Cathepsin H precursor;cathepsin H [-]
CATK_HUMAN	both	CATK_HUMAN;P43235;cathepsin K	Cathepsin K precursor (Cathepsin O) (Cathepsin X) (Cathepsin O2);cathepsin K [-]
CATL1_HUMAN	both	CATL_HUMAN;P07711;cathepsin L	major excreted protein [-]
CATL2_HUMAN	both	CSL2_HUMAN;O60911;cathepsin V	cathepsin L2, cathepsin U [-]
CBPA1_BOVIN	both	CBP1_BOVIN;P00730;CPA	carboxypeptidase A1 [-]
CCKAR_CAVPO	both	Q63931;CCKAR_CAVPO;CCK1	Cholecystokinin type A receptor (CCK-A receptor) (CCK-AR);cholecystokinin type A receptor [-]
CCR1_HUMAN	both	P32246;CCR1_HUMAN;CCR1	C-C chemokine receptor type 1 (C-C CKR-1) (CC-CKR-1) (CCR-1) (CCR1) (Macrophage inflammatory protein-1 alpha receptor) (MIP-1alpha-R) (RANTES-R) (HM145) (LD78 receptor);C-C chemokine receptor type 1, macrophage inflammatory protein-1 alpha receptor [-]
CCR3_HUMAN	both	P51677;CCR3_HUMAN;CCR3	C-C chemokine receptor type 3 (C-C CKR-3) (CC-CKR-3) (CCR-3) (CCR3) (CKR3) (Eosinophil eotaxin receptor);C-C chemokine receptor type 3, CD183 antigen [-]
CCR4_HUMAN	both	P30991;CCR4_HUMAN;CXCR4	C-C chemokine receptor type 4 (C-C CKR-4) (CC-CKR-4) (CCR-4) (CCR4) (K5-5);C-X-C chemokine receptor type 4, CD184 antigen [-]
CCR5_HUMAN	both	P32302;CCR5_HUMAN;CCR5	C-C chemokine receptor type 5 (C-C CKR-5) (CC-CKR-5) (CCR-5) (CCR5) (HIV-1 fusion coreceptor) (CHEMR13) (CD195 antigen);C-X-C chemokine receptor type 5 [-]
CCR8_HUMAN	both	CCR8_HUMAN;P51685;CCR8	C-C chemokine receptor type 8 (C-C CKR-8) (CC-CKR-8) (CCR-8) (GPR-CY6) (GPRCY6) (Chemokine receptor-like 1) (CKR-L1) (TER1)

CD4_HUMAN	both	CD4_HUMAN;P01730;CD4	(CMKBRL2) (CC- chemokine receptor CHEMR1) (CDw198 antigen).;C-C chemokine receptor type 8 [-] T-cell surface glycoprotein CD4 precursor (T-cell surface antigen T4/Leu-3);T-cell surface glycoprotein CD4 [-]
CDC2_HUMAN	both	CDC2_HUMAN;P06493;CDK1/cyclin A	Cell division control protein 2 homolog (p34 protein kinase) (Cyclin-dependent kinase 1) (CDK1);cyclin-dependent kinase 1 [-]
CDD_HUMAN	both	CDD_HUMAN;P32320;CDA	Cytidine deaminase (Cytidine aminohydrolase);cytidine deaminase, cytidine aminohydrolase [-]
CDK2_HUMAN	both	CDK2_HUMAN;P24941;CDK2/cyclin A3	Cell division protein kinase 2 (p33 protein kinase);cyclin-dependent kinase 2 [-]
CDK4_HUMAN	both	CDK4_HUMAN;P11802;CDK4/cyclin D	Cell division protein kinase 4 (Cyclin-dependent kinase 4) (PSK-J3);cyclin-dependent kinase 4 [-]
CDK6_HUMAN	both	CDK6_HUMAN;Q00534;CDK6/cyclin V	Cell division protein kinase 6 (Serine/threonine-protein kinase PLSTIRE);cyclin-dependent kinase 6 [-]
CEL2A_PIG	both	EL2_PIG;P08419;PPE	elastase 2 [-]
CETP_HUMAN	both	CETP_HUMAN;P11597;CETP	Cholesteryl ester transfer protein precursor (Lipid transfer protein I);cholesteryl ester transfer protein, lipid transfer protein I [-]
CHK1_HUMAN	both	CHK1_HUMAN;O14757;ChK1	Serine/threonine-protein kinase Chk1;checkpoint kinase 1 [-]
CHK2_HUMAN	both	CHK2_HUMAN;O96017;ChK2	Serine/threonine-protein kinase Chk2 (Cds1);serine/threonine-protein kinase Chk2, Cds1 [-]
CHLE_HUMAN	both	CHLE_HUMAN;P06276;BChE	Cholinesterase precursor (Acylcholine acylhydrolase) (Choline esterase II) (Butyrylcholine esterase) (Pseudocholinesterase);butyrylcholinesterase [-]
CMA1_HUMAN	both	MCT1_HUMAN;P23946;chymase	mast cell protease I [-]
CNR1_RAT	both	P20272;CNR1_RAT;CB1	Cannabinoid receptor 1 (CB1) (CB-R) (Brain-type cannabinoid receptor);central cannabinoid receptor [-]
CNR2_MOUSE	both	P47936;CNR2_MOUSE;CB2	Cannabinoid receptor 2 (CB2) (CB-2);cannabinoid receptor 2 [-]
CP17A_HUMAN	both	CPT7_HUMAN;P05093;Cyt-P450-17a	17alpha-hydroxylase/C17,20-Lyase [-]
CP19A_HUMAN	both	CPV1_HUMAN;P11511;aromatase	estrogen synthetase, cytochrome P450 19A1 [-]

CP1A1_HUMAN	both	CP11_HUMAN;P04798;Cyt-P450-1A1	cytochrome P450 1A1 [-]
CP1A2_HUMAN	both	CP12_HUMAN;P05177;Cyt-P450-1A2	cytochrome P450 1A2 [-]
CP1B1_HUMAN	both	CP1B_HUMAN;Q16678;Cyt-P450-1B1	cytochrome P450 1B1 [-]
CP24A_HUMAN	both	CP24A_HUMAN;Q07973;Cyt-P450-24	Cytochrome P450 24A1, mitochondrial precursor (EC 1.14.-.-) (P450- CC24) (Vitamin D(3) 24-hydroxylase) (1,25-dihydroxyvitamin D(3) 24-hydroxylase) (24-OHase).;cytochrome P450 24A1, vitamin D(3) 24-hydroxylase [-]
CP2A6_HUMAN	both	CP2A6_HUMAN;P11509;Cyt-P450-2A6	Cytochrome P450 2A6 (CYP1IA6) (Coumarin 7-hydroxylase) (IIA3) (CYP2A3) (P450(I));cytochrome P450 2A6 [-]
CP2B6_HUMAN	both	CP2B6_HUMAN;P20813;Cyt-P450-2B6	Cytochrome P450 2B6 (CYP1IB6) (P450 IIB1);cytochrome P450 2B6 [-]
CP2C9_HUMAN	both	CPC9_HUMAN;P11712;Cyt-P450-2C9	cytochrome P450 2C9, (R)-limonene 6-monooxygenase [-]
CP2CI_HUMAN	both	CPCI_HUMAN;P33260;Cyt-P450-2C18	cytochrome P450 2C18 [-]
CP2CJ_HUMAN	both	CPCJ_HUMAN;P33261;Cyt-P450-2C19	(R)-limonene 6-monooxygenase [-]
CP2D6_HUMAN	both	CPD6_HUMAN;P10635;Cyt-P450-2D6	debrisoquine 4-hydroxylase [-]
CP2DQ_RAT	both	CPD2_RAT;P10634;Cyt-P450-2D2	cytochrome P450 2D2 [-]
CP2E1_HUMAN	both	CP2E1_HUMAN;P05181;Cyt-P450-2E1	Cytochrome P450 2E1 (CYP1IE1) (P450-J);cytochrome P450 2E1 [-]
CP3A4_HUMAN	both	CP34_HUMAN;P08684;Cyt-P450-3A4	quinine 3-monooxygenase, nifedipine oxidase [-]
CP4F2_HUMAN	both	CPF2_HUMAN;P78329;Cyt-P450-4AF2	cytochrome P450 4F2 [-]
CPT1A_RAT	both	CPT1_RAT;P32198;CPT-1	carnitine O-palmitoyltransferase I [-]
CRFR1_RAT	both	P35353;CRFR1_RAT;CRH-R1	Corticotropin releasing factor receptor 1 precursor (CRF-R) (CRF1) (Corticotropin-releasing hormone receptor 1) (CRH-R 1);corticotropin releasing factor receptor 1, corticotropin-releasing hormone receptor 1 [-]
CSF1R_HUMAN	both	KFMS_HUMAN;P07333;CSF-1R	macrophage colony stimulating factor I receptor, CD115 antigen [-]
CTRB1_HUMAN	both	CTRB_HUMAN;P17538;chymotrypsin B	chymotrypsinogen B [-]
CXCR1_HUMAN	both	P25024;CXCR1_HUMAN;CXCR1	High affinity interleukin-8 receptor A (IL-8R A) (IL-8 receptor type 1) (CXCR-1) (CDw128a);high affinity interleukin-8 receptor A, C-X-C chemokine receptor type 1 [-]
CXCR2_HUMAN	both	P25025;CXCR2_HUMAN;CXCR2	High affinity interleukin-8 receptor B (IL-8R B) (CXCR-2) (GRO/MGSA receptor) (IL-8 receptor type 2) (CDw128b);high affinity interleukin-8

CYNT_HELPY	both	CYNT_HELPY;O24855;hpCA	receptor B, C-X-C chemokine receptor type 2 [-] Carbonic anhydrase 1 (EC 4.2.1.1).;carbonic anhydrase 1
CYSP_TRYCR	both	CYSP_TRYCR;P25779;cruzipain	Cruzipain precursor (Major cysteine proteinase) (Cruzaine);cruzaine, major cysteine proteinase [-]
DCMC_HUMAN	both	DCMC_HUMAN;O95822;MCD	Malonyl-CoA decarboxylase, mitochondrial precursor (EC 4.1.1.9) (MCD).;malonyl-CoA decarboxylase, mitochondrial [-]
DCOR_RAT	both	DCOR_RAT;P09057;ODCase	Ornithine decarboxylase (ODC);ornithine decarboxylase [-]
DEF_ECOLI	both	DEF_ECOLI;P27251;PDF-Ni	Peptide deformylase (PDF) (Polypeptide deformylase);peptide deformylase [-]
DHB1_HUMAN	both	DHB1_HUMAN;P14061;17b-HSD1	Estradiol 17-beta-dehydrogenase 1 (17-beta-HSD 1) (Placental 17-beta-hydroxysteroid dehydrogenase) (20 alpha-hydroxysteroid dehydrogenase) (20-alpha-HSD) (E2DH);estradiol 17-beta-dehydrogenase 1, placental 17-beta-hydroxysteroid dehydrogenase [-]
DHB2_HUMAN	both	DHB2_HUMAN;P37059;17b-HSD2	Estradiol 17-beta-dehydrogenase 2 (17-beta-HSD 2) (Microsomal 17-beta-hydroxysteroid dehydrogenase) (20 alpha-hydroxysteroid dehydrogenase) (20-alpha-HSD) (E2DH);corticosteroid 11-beta-dehydrogenase, isozyme 2, 11-beta-hydroxysteroid dehydrogenase type 2 [-]
DHB3_HUMAN	both	DHB3_HUMAN;P37058;17b-HSD3	Estradiol 17-beta-dehydrogenase 3 (17-beta-HSD 3) (Testicular 17-beta-hydroxysteroid dehydrogenase);estradiol 17-beta-dehydrogenase 3, testicular 17-beta-hydroxysteroid dehydrogenase [-]
DHI1_MOUSE	both	DHI1_MOUSE;P50172;11b-HSD1	Corticosteroid 11-beta-dehydrogenase, isozyme 1 (11-DH) (11-beta-hydroxysteroid dehydrogenase 1) (11-beta-HSD1) (11beta-HSD1A);corticosteroid 11-beta-dehydrogenase, isozyme 1, 11-beta-hydroxysteroid dehydrogenase 1 [-]
DHI2_HUMAN	both	DHI2_HUMAN;P80365;11b-HSD2	Corticosteroid 11-beta-dehydrogenase, isozyme 2 (11-DH2) (11-beta-hydroxysteroid dehydrogenase type 2) (11-beta-HSD2) (NAD-dependent 11-beta-hydroxysteroid dehydrogenase);corticosteroid 11-beta-dehydrogenase, isozyme 2, 11-beta-

DHSO_HUMAN	both	DHSO_HUMAN;Q00796;SDHase	hydroxysteroid dehydrogenase type 2 [-] Sorbitol dehydrogenase (L-idoitol 2-dehydrogenase);sorbitol dehydrogenase [-]
DPEP1_PIG	both	MDP1_PIG;P22412;DHP-I	microsomal dipeptidase, dehydropeptidase-I, renal dipeptidase [-]
DPO3A_BACSU	both	DP3A_BACSU;O34623;DNA polymerase III	DNA polymerase III [-]
DPO3_BACSU	both	DPO3_BACSU;P13267;DNA polymerase IIIC	DNA polymerase III polC-type (PolIII);DNA polymerase III polC-type [-]
DPOLA_HUMAN	both	DPOA_HUMAN;P09884;POLA	DNA polymerase alpha catalytic subunit [-]
DPOL_HCMVA	both	DPOL_HCMVA;P08546;HCMV DNA polymerase	DNA polymerase;DNA-directed DNA polymerase [-]
DPP2_HUMAN	both	DPP2_HUMAN;Q9UHL4;DPP II	Dipeptidyl-peptidase II precursor (DPP II) (Dipeptidyl aminopeptidase II) (Quiescent cell proline dipeptidase) (Dipeptidyl peptidase 7);dipeptidyl peptidase II [-]
DPP4_HUMAN	both	DPP4_HUMAN;P27487;DPP IV	Dipeptidyl peptidase IV (DPP IV) (T-cell activation antigen CD26) (TP103) (Adenosine deaminase complexing protein-2) (ADABP);dipeptidyl peptidase IV [-]
DRD1_BOVIN	both	DADR_BOVIN;Q95136;D1	D1A dopamine receptor [-]
DRD1_RAT	both	P18901;DRD1_RAT;D1-like	D(1A) dopamine receptor;D1A dopamine receptor [-]
DRD2_HUMAN	both	P14416;DRD2_HUMAN;D2A	D(2) dopamine receptor;dopamine D2 receptor [-]
DRD2_RAT	both	P61169;DRD2_RAT;D2-like	D(2) dopamine receptor;dopamine D2 receptor [-]
DRD3_HUMAN	both	P35462;DRD3_HUMAN;D3	D(3) dopamine receptor;D3 dopamine receptor [-]
DRD4_HUMAN	both	P21917;DRD4_HUMAN;D4	D(4) dopamine receptor (D2C) dopamine receptor;D4 dopamine receptor [-]
DRD5_HUMAN	both	P21918;DRD5_HUMAN;D5	D(1B) dopamine receptor (D5) dopamine receptor (D1beta dopamine receptor);D5 dopamine receptor [-]
DRD5_RAT	both	P25115;DRD5_RAT;D1B	D(1B) dopamine receptor (D5) dopamine receptor;D1B dopamine receptor [-]
DRTS_PLAFK	both	DRTS_PLAFK;P13922;DHFR-TS	Bifunctional dihydrofolate reductase-thymidylate synthase (DHFR-TS) (Dihydrofolate reductase) (Thymidylate synthase);bifunctional dihydrofolate reductase-thymidylate synthase [-]
DUS3_HUMAN	both	DUS3_HUMAN;P51452;PTP VHR	Dual specificity protein phosphatase 3 (EC 3.1.3.16) (Dual specificity protein phosphatase VHR);dual specificity protein phosphatase VHR [-]
DXR_ECOLI	both	DXR_ECOLI;P45568;DXR	1-deoxy-D-xylulose 5-phosphate reductoisomerase (DXP reductoisomerase) (1-deoxyxylulose-5-

DYR_MOUSE	both	DYR_MOUSE;P00375;PKC	phosphate reductoisomerase);1-deoxy-D-xylulose 5-phosphate reductoisomerase [-]
EAA3_RAT	both	EAA3_RAT;P51907;EAAT3	Dihydrofolate reductase;protein kinase C, alpha type [-]
EBP_CAVPO	both	EBP_CAVPO;Q60490;EBP	Excitatory amino acid transporter 3 (Sodium-dependent glutamate/aspartate transporter 3) (Excitatory amino-acid carrier 1);excitatory amino acid transporter 3, sodium-dependent glutamate/aspartate transporter 3 [-]
ECE1_HUMAN	both	ECE1_HUMAN;P42892;ECE	3-beta-hydroxysteroid-delta(8),delta(7)-isomerase (Cholestenol delta-isomerase) (Delta8-delta7 sterol isomerase) (D8-D7 sterol isomerase) (Emopamil-binding protein);emopamil binding protein, 3-beta-hydroxysteroid-delta(8),delta(7)-isomerase, cholestenol delta-isomerase [-]
ECE1_RAT	both	ECE1_RAT;P42893;ECE-1	Endothelin-converting enzyme 1 (ECE-1);endothelin-converting enzyme 1 [-]
EDNRA_PIG	both	Q29010;EDNRA_PIG;ET-A	Endothelin-converting enzyme 1 (ECE-1);endothelin-converting enzyme 1 [-]
EDNRB_RAT	both	P21451;EDNRB_RAT;ET-B	Endothelin-1 receptor precursor (Endothelin A receptor) (ET-A);endothelin type A receptor [-]
ELNE_HUMAN	both	ELNE_HUMAN;P08246;HLE	Endothelin B receptor precursor (ET-B) (Endothelin receptor Non-selective type);endothelin type B receptor [-]
ERBB2_HUMAN	both	ERB2_HUMAN;P04626;erbB2	Leukocyte elastase precursor (Neutrophil elastase) (PMN elastase) (Bone marrow serine protease) (Medullasin);neutrophil elastase, leukocyte elastase [-]
ERBB4_HUMAN	both	ERBB4_HUMAN;Q15303;erbB4	tyrosine kinase-type cell surface receptor HER2 [-]
ERG2_YEAST	both	ERG2_YEAST;P32352;ERG2	Receptor tyrosine-protein kinase erbB-4 precursor (p180erbB4) (Tyrosine kinase-type cell surface receptor HER4);epidermal growth factor receptor-4 [-]
ERG7_RAT	both	ERG7_RAT;P48450;OSCase	C-8 sterol isomerase (Delta-8--delta-7 sterol isomerase);3-beta-hydroxysteroid-delta(8),delta(7)-isomerase, cholestenol delta-isomerase [-]
			Lanosterol synthase (Oxidosqualene--lanosterol cyclase) (2,3-epoxysqualene--lanosterol cyclase) (OSC);lanosterol synthase, 2,3-oxidosqualene lanosterolcyclase [-]

ERR3_HUMAN	both	P62508;ERR3_HUMAN;ERRgamma	Estrogen-related receptor gamma (Estrogen receptor related protein 3) (ERR gamma-2);estrogen-related receptor, gamma
ESR1_HUMAN	both	P03372;ESR1_HUMAN;probable ER	Estrogen receptor (ER) (Estradiol receptor) (ER-alpha);estrogen receptor [-]
ESR2_HUMAN	both	ESR2_HUMAN;Q92731;ERbeta	Estrogen receptor beta (ER-beta);estrogen receptor beta [-]
EST1_RABIT	both	EST1_RABIT;P12337;CE	Liver carboxylesterase 1 precursor (Acyl coenzyme A:cholesterol acyltransferase);liver carboxylesterase 1, acyl coenzyme A:cholesterol acyltransferase [-]
F13A_HUMAN	both	F13A_HUMAN;P00488;fXIIIa	Coagulation factor XIII A chain precursor (Coagulation factor XIIIa) (Protein-glutamine gamma-glutamyltransferase A chain) (Transglutaminase A chain);coagulation factor XIIIa, protein-glutamine gamma-glutamyltransferase [-]
F16P1_HUMAN	both	F16P_HUMAN;P09467;F16BPase	fructose-1,6-bisphosphatase [-]
FA10_HUMAN	both	FA10_HUMAN;P00742;fXa	Coagulation factor X precursor (Stuart factor) (Stuart-Prower factor);coagulation factor Xa [-]
FA7_HUMAN	both	FA7_HUMAN;P08709;fVIIa	Coagulation factor VII precursor (Serum prothrombin conversion accelerator) (SPCA) (Proconvertin) (Eptacog alfa);coagulation factor VII [-]
FAAH1_HUMAN	both	FAAH_HUMAN;O00519;FAAH	fatty-acid amide hydrolase, oleamide hydrolase, anandamide amidohydrolase [-]
FAS_HUMAN	both	FAS_HUMAN;P49327;FAS	Fatty acid synthase () ([Acyl-carrier-protein] S-acetyltransferase) () ([Acyl-carrier-protein] S-malonyltransferase) () (3-oxoacyl-[acyl-carrier-protein] synthase) () (3-oxoacyl-[acyl-carrier-protein] reductase) () (3-hydroxypalmitoyl-[acyl-carrier-pr...;fatty acid synthase [-]
FCER2_HUMAN	both	FCE2_HUMAN;P06734;FcERI	IgE FC receptor, alpha-subunit, high affinity immunoglobulin epsilon receptor alpha-subunit [-]
FDFT_RAT	both	FDFT_RAT;Q02769;squalene synthetase	Farnesyl-diphosphate farnesyltransferase (Squalene synthetase) (SQS) (SS) (FPP:FPP farnesyltransferase);squalene synthetase, farnesyl-diphosphate farnesyltransferase [-]
FGF1_HUMAN	both	FGF1_HUMAN;P05230;FGF1	Heparin-binding growth factor 1 precursor (HBGF-1) (Acidic fibroblast growth factor) (aFGF) (Beta-endothelial cell growth factor) (ECGF-beta);heparin-

FGF2_HUMAN	both	FGF2_HUMAN;P09038;FGF2	binding growth factor 1, acidic fibroblast growth factor Heparin-binding growth factor 2 precursor (HBGF-2) (Basic fibroblast growth factor) (BFGF) (Prostatropin);heparin-binding growth factor 2, basic fibroblast growth factor, prostatropin
FGFR1_HUMAN	both	FGR1_HUMAN;P11362;FGFR-1	fibroblast growth factor receptor 1 [-]
FGFR2_HUMAN	both	FGFR2_HUMAN;P21802;FGFR-2	Fibroblast growth factor receptor 2 precursor (FGFR-2) (Keratinocyte growth factor receptor 2);fibroblast growth factor receptor 2 [-]
FGR_HUMAN	both	FGR_HUMAN;P09769;c-Fgr	Proto-oncogene tyrosine-protein kinase FGR (P55-FGR) (C-FGR);proto-oncogene tyrosine-protein kinase Fgr [-]
FLT3_HUMAN	both	FLT3_HUMAN;P36888;Flt-3	FL cytokine receptor precursor (Tyrosine-protein kinase receptor FLT3) (Stem cell tyrosine kinase 1) (STK-1) (CD135 antigen);tyrosine-protein kinase receptor FLT3 [-]
FNTA_HUMAN	both	PFTA_HUMAN;P49354;FTase	protein farnesyltransferase type I alpha subunit [-]
FOLC_HUMAN	both	FOLC_HUMAN;Q05932;FPGS	Folylpolyglutamate synthase, mitochondrial precursor (Folylpoly-gamma-glutamate synthetase) (FPGS) (Tetrahydrofolylpolyglutamate synthase);folylpoly-gamma-glutamate synthetase [-]
FOLH1_HUMAN	both	FOLH1_HUMAN;Q04609;GCP II	Glutamate carboxypeptidase II (Membrane glutamate carboxypeptidase) (mGCP) (N-acetylated-alpha-linked acidic dipeptidase I) (NAALADase I) (Pteroylpoly-gamma-glutamate carboxypeptidase) (Folylpoly-gamma-glutamate carboxypeptidase) (FGCP) (Folate hydrol...;glutamate carboxypeptidase II, N-acetylated-alpha-linked acidic dipeptidase I [-]
FPR1_HUMAN	both	P21462;FPR1_HUMAN;FPR	fMet-Leu-Phe receptor (fMLP receptor) (N-formyl peptide receptor) (FPR) (N-formylpeptide chemoattractant receptor);formyl peptide receptor, N-formyl-Met-Leu-Phe receptor [-]
GABR1_RAT	both	Q9Z0U4;GABR1_RAT;GABA-B	Gamma-aminobutyric acid type B receptor, subunit 1 precursor (GABA-B receptor 1) (GABA-B-R1) (Gb1);gamma-aminobutyric acid type B receptor [-]
GBRA1_RAT	both	GAA1_MOUSE;P18504;GABA-A	gamma-aminobutyric acid receptor [-]
GBRA2_RAT	both	GBRA2_RAT;P23576;GABA-A/PCT	Gamma-aminobutyric-acid receptor alpha-2 subunit precursor (GABA(A) receptor);gamma-aminobutyric

GBRR1_HUMAN	both	GAR1_HUMAN;P24046;GABA-C	acid receptor, picrotoxin site [-]
GCR_HUMAN	both	GCR_HUMAN;P04150;GR	gamma-aminobutyric acid receptor [-] Glucocorticoid receptor (GR);glucocorticoid receptor [-]
GHSR_HUMAN	both	Q92847;GHSR_HUMAN;GHSR1a	Growth hormone secretagogue receptor type 1 (GHS-R) (GH-releasing peptide receptor) (GHRP) (Ghrelin receptor);growth hormone secretagogue receptor, growth hormone-releasing peptide receptor [-]
GLRA1_RAT	both	GLRA1_RAT;P07727;GlyR	Glycine receptor alpha-1 chain precursor (Glycine receptor 48 kDa subunit) (Strychnine binding subunit);glycine receptor alpha-1 chain, strychnine binding subunit
GLR_HUMAN	both	P47871;GLR_HUMAN;glucagon R	Glucagon receptor precursor (GL-R);glucagon receptor [-]
GNRHR_HUMAN	both	P30968;GNRHR_HUMAN;GnRHR	Gonadotropin-releasing hormone receptor (GnRH receptor) (GnRH-R);gonadotropin releasing hormone receptor [-]
GPR44_HUMAN	both	Q9Y5Y4;GPR44_HUMAN;CRTH2	Putative G-protein coupled receptor 44 (Chemoattractant receptor-homologous molecule expressed on Th2 cells);chemoattractant receptor-homologous molecule expressed on Th2 cells [-]
GRAB_HUMAN	both	GRAB_HUMAN;P10144;granzyme B	Granzyme B precursor (T-cell serine protease 1-3E) (Cytotoxic T-lymphocyte proteinase 2) (Lymphocyte protease) (SECT) (Granzyme 2) (Cathepsin G-like 1) (CTSG1) (CTLA-1) (Fragmentin 2) (Human lymphocyte protein) (HLP) (C11);cytotoxic T-lymphocyte proteinase 2 [-]
GRIA1_RAT	both	GLR1_RAT;P19490;AMPA	glutamate receptor ionotropic, AMPA 1 [-]
GRIK1_HUMAN	both	GRIK1_HUMAN;P39086;GluR5/6	Glutamate receptor, ionotropic kainate 1 precursor (Glutamate receptor 5) (GluR-5) (GluR5) (Excitatory amino acid receptor 3) (EAA3);glutamate receptor, ionotropic kainate 1, glutamate receptor 5, excitatory amino acid receptor 3 [-]
GRM3_HUMAN	both	Q14832;MGR3_HUMAN;mGluR3	metabotropic glutamate receptor 3 [-]
GRM4_RAT	both	P31423;MGR4_RAT;mGluR4a	metabotropic glutamate receptor 4 [+]
GRM5_RAT	both	P31424;MGR5_RAT;mGluR5a	metabotropic glutamate receptor 5a [-]
GRM6_RAT	both	P35349;MGR6_RAT;mGluR6	metabotropic glutamate receptor 6 [-]
GRM8_HUMAN	both	O00222;MGR8_HUMAN;mGluR8	metabotropic glutamate receptor 8 [-]
GRPR_RAT	both	P52500;GRPR_RAT;GRP-R	Gastrin-releasing peptide receptor (GRP-R) (GRP-

GSHR_HUMAN	both	GSHR_HUMAN;P00390;GRase	preferring bombesin receptor);GRP-preffering bombesin receptor [-] Glutathione reductase, mitochondrial precursor (GR) (GRase);glutathione reductase [-]
GSK3A_HUMAN	both	KG3A_HUMAN;P49840;GSK-3	glycogen synthase kinase-3 alpha [-]
GSP_CRIFA	both	GSP_CRIFA;P90518;GSpS	Glutathionylspermidine synthase;glutathionylspermidine synthase [-]
GYRA_ECOLI	both	GYRA_ECOLI;P09097;DNA gyrase	DNA gyrase subunit A;DNA gyrase subunit A [-]
HCK_HUMAN	both	HCK_HUMAN;P08631;Hck	Tyrosine-protein kinase HCK (p59-HCK/p60-HCK) (Hemopoietic cell kinase);tyrosine-protein kinase Hck [-]
HDAC1_HUMAN	both	HDA1_HUMAN;Q13547;HDA	histone deacetylase 1 [-]
HDAC1_MOUSE	both	HDA1_MOUSE;O09106;HDA1	histone deacetylase 1 [-]
HDAC4_HUMAN	both	HDAC4_HUMAN;P56524;HDA4	Histone deacetylase 4 (HD4);histone deacetylase 4 [-]
HDAC6_HUMAN	both	HDAC6_HUMAN;Q9UBN7;HDA6	Histone deacetylase 6 (HD6);histone deacetylase 6 [-]
HDAC8_HUMAN	both	HDAC8_HUMAN;Q9BY41;HDA8	Histone deacetylase 8 (HD8) (CDA07);histone deacetylase 8 [-]
HMDH_RAT	both	HMDH_RAT;P51639;HMG-CoA Rase	3-hydroxy-3-methylglutaryl-coenzyme A reductase (HMG-CoA reductase);3-hydroxy-3-methylglutaryl-coenzyme A reductase [-]
HNMT_RAT	both	HMT_RAT;Q01984;HMT	histamine N-methyltransferase [-]
HPPD_PIG	both	HPPD_PIG;Q02110;4-HPPDase	4-hydroxyphenylpyruvate dioxygenase (4HPPD) (HPD) (HPPDase);4-hydroxyphenylpyruvate dioxygenase [-]
HRH1_HUMAN	both	P35367;HRH1_HUMAN;H1	Histamine H1 receptor;histamine H1 receptor [-]
HRH2_HUMAN	both	P25021;HRH2_HUMAN;H2	Histamine H2 receptor (H2R) (Gastric receptor I);histamine H2 receptor [-]
HRH3_CAVPO	both	Q9JI35;HRH3_CAVPO;H3	Histamine H3 receptor (HH3R);histamine H3 receptor [-]
HRH4_HUMAN	both	Q9H3N8;HRH4_HUMAN;H4	Histamine H4 receptor (HH4R) (GPRv53) (G protein-coupled receptor 105) (GPCR105) (SP9144) (AXOR35);histamine H4 receptor [-]
HYES_MOUSE	both	HYES_MOUSE;P34914;sEH	Soluble epoxide hydrolase (SEH) (Epoxide hydratase) (Cytosolic epoxide hydrolase) (CEH);soluble epoxide hydrolase, cytosolic epoxide hydrolase [-]
I23O_HUMAN	both	I23O_HUMAN;P14902;IDO	Indoleamine 2,3-dioxygenase (EC 1.13.11.52) (IDO) (Indoleamine-pyrrole 2,3-

IBP3_HUMAN	both	IBP3_HUMAN;P17936;IGFBP-3	dioxygenase).;indoleamine 2,3-dioxygenase [-] Insulin-like growth factor binding protein 3 precursor (IGFBP-3) (IBP-3) (IGF-binding protein 3);insulin growth factor binding protein 3 [-]
ICAM1_HUMAN	both	ICA1_HUMAN;P05362;ICAM-1	intercellular adhesion molecule-1, CD54 antigen [-]
IKKB_HUMAN	both	IKKB_HUMAN;O14920;IKK	Inhibitor of nuclear factor kappa B kinase beta subunit (I-kappa-B-kinase beta) (IkbKB) (IKK-beta) (IKK-B) (I-kappa-B kinase 2) (IKK2) (Nuclear factor NF-kappa-B inhibitor kinase beta) (NFKB1KB);inhibitor of nuclear factor kappa B kinase [-]
IMDH1_HUMAN	both	IMD1_HUMAN;P20839;IMPDH I	inosine-5'-monophosphate dehydrogenase 1 [-]
IMDH2_HUMAN	both	IMD2_HUMAN;P12268;IMPDH II	inosine-5'-monophosphate dehydrogenase 2 [-]
IMPA1_HUMAN	both	MYOP_HUMAN;P29218;IMPase	myo-inositol monophosphatase [-]
ITA2B_HUMAN	both	ITAB_HUMAN;P08514;ITB3_HUMAN;P05106;alpha-IIb-beta3	Integrin beta-3 precursor (Platelet membrane glycoprotein IIIa) (GPIIIa) (CD61 antigen);alpha-IIb-beta3 integrin [-]
ITA4_HUMAN	both	ITA4_HUMAN;P13612;ITB7_HUMAN;P26010;a4b7	Integrin alpha-4 precursor (Integrin alpha-IV) (VLA-4) (CD49d);Integrin beta-7 precursor;alpha4beta7 integrin, MAdCAM-1 receptor [-]
ITA5_HUMAN	both	ITA5_HUMAN;P08648;a5b1	Integrin alpha-5 precursor (Fibronectin receptor alpha subunit) (Integrin alpha-F) (VLA-5) (CD49e);fibronectin receptor, alpha-5/beta-1 integrin, VLA-5, CD49e [-]
ITAV_HUMAN	both	ITAV_HUMAN;P06756;ITB3_HUMAN;P05106;alpha-V-beta3	Integrin alpha-V precursor (Vitronectin receptor alpha subunit) (CD51 antigen);Integrin beta-3 precursor (Platelet membrane glycoprotein IIIa) (GPIIIa) (CD61 antigen);alpha-V-beta3 integrin, vitronectin receptor [-]
ITB1_HUMAN	both	ITA4_HUMAN;P13612;ITB1_HUMAN;P05556;a4b1/VLA-4	Integrin alpha-4 precursor (Integrin alpha-IV) (VLA-4) (CD49d);Integrin beta-1 precursor (Fibronectin receptor beta subunit) (CD29 antigen) (Integrin VLA-4 beta subunit);fibronectin receptor, VCAM-1 receptor, very late antigen-4 [-]
ITB3_HUMAN	both	ITAB_HUMAN;P08514;ITB3_HUMAN;P05106;alpha-IIb-beta3	Integrin beta-3 precursor (Platelet membrane glycoprotein IIIa) (GPIIIa) (CD61 antigen);alpha-IIb-beta3 integrin [-]
ITB5_HUMAN	both	ITAV_HUMAN;P06756;ITB5_HUMAN;P18084;alpha-V-beta5	Integrin alpha-V precursor (Vitronectin receptor alpha subunit) (CD51 antigen);Integrin beta-5 precursor;alpha-V-beta3 integrin, vitronectin

ITB6_HUMAN	both	ITAV_HUMAN;P06756;ITB6_HUMAN;P18564;alpha-V-beta6	receptor, alpha-V-beta5 integrin [-] Integrin alpha-V precursor (Vitronectin receptor alpha subunit) (CD51 antigen);Integrin beta-6 precursor;fibronectin receptor, alpha-V-beta6 integrin [-]
ITB7_HUMAN	both	ITA4_HUMAN;P13612;ITB7_HUMAN;P26010;a4b7	Integrin alpha-4 precursor (Integrin alpha-IV) (VLA-4) (CD49d);Integrin beta-7 precursor;alpha4beta7 integrin, MAdCAM-1 receptor [-]
JUN_HUMAN	both	AP1_HUMAN;P05412;AP-1	transcription factor AP-1, activator protein-1, proto-oncogene c-Jun, p39 [-]
KAPCA_BOVIN	both	KAPA_BOVIN;P00517;PKA	cAMP-dependent PKA [-]
KINA_BACSU	both	KINA_BACSU;P16497;kinA	Sporulation kinase A (Stage II sporulation protein J);sporulation kinase A [-]
KITM_HUMAN	both	KITM_HUMAN;O00142;TK2	Thymidine kinase 2, mitochondrial precursor (Mt-TK);thymidine kinase 2, mitochondrial [-]
KLK3_HUMAN	both	KLK3_HUMAN;P07288;PSA	Prostate specific antigen precursor (PSA) (Gamma-seminoprotein) (Kallikrein 3) (Semenogelase) (Seminin) (P-30 antigen);prostate specific antigen, kallikrein 3, semenogelase, gamma-seminoprotein, seminin, P-30 antigen [-]
KPCA_HUMAN	both	KPCA_HUMAN;P17252;PKC-alpha	Protein kinase C, alpha type (PKC-alpha) (PKC-A);protein kinase C, alpha type [-]
KPCB_HUMAN	both	KPCB_HUMAN;P05771;PKC-beta-II	protein kinase C, beta isoform 2 [Homo sapiens];protein kinase C, beta type [-]
KPCD3_HUMAN	both	KPCN_HUMAN;O94806;PKC-nuC1B	protein kinase C, nu type [-]
KPCD_HUMAN	both	KPCD_HUMAN;Q05655;PKC-delta	Protein kinase C, delta type (nPKC-delta);protein kinase C, delta type [-]
KPCE_HUMAN	both	KPCE_HUMAN;Q02156;PKC-epsilonC1B	Protein kinase C, epsilon type (nPKC-epsilon);protein kinase C, epsilon type [-]
KPCG_HUMAN	both	KPCG_HUMAN;P05129;PKC-gamma	Protein kinase C, gamma type (PKC-gamma);protein kinase C, gamma type [-]
KPCL_HUMAN	both	KPCL_HUMAN;P24723;PKC-eta	Protein kinase C, eta type (nPKC-eta) (PKC-L);protein kinase C, eta type [-]
KPCT_HUMAN	both	KPCT_HUMAN;Q04759;PKC-theta	Protein kinase C, theta type (nPKC-theta);protein kinase C, theta type [-]
KPCZ_HUMAN	both	KPCZ_HUMAN;Q05513;PKC-zeta	Protein kinase C, zeta type (nPKC-zeta);protein kinase C, zeta type [-]
KS6A5_HUMAN	both	K6A5_HUMAN;O75582;MSK1	nuclear mitogen-and stress-activated protein kinase-1 [-]
KS6B1_HUMAN	both	K6B1_HUMAN;P23443;S6K1	70 kDa ribosomal protein S6 kinase 1, ribosomal

KSYK_HUMAN	both	KSYK_HUMAN;P43405;Syk	protein S6 kinase 1 [-] Tyrosine-protein kinase SYK (Spleen tyrosine kinase);spleen tyrosine-protein kinase [-]
KTHY_HUMAN	both	KTHY_HUMAN;P23919;TMPK	Thymidylate kinase (dTMP kinase);thymidylate kinase, thymidine monophosphate kinase [-]
LDHA_HUMAN	both	LDHA_HUMAN;P00338;LDH-A	L-lactate dehydrogenase A chain (LDH-A) (LDH muscle subunit) (LDH-M);L-lactate dehydrogenase A chain [-]
LDHB_HUMAN	both	LDHB_HUMAN;P07195;LDH-B	L-lactate dehydrogenase B chain (LDH-B) (LDH heart subunit) (LDH-H);L-lactate dehydrogenase B chain [-]
LEF_BACAN	both	LEF_BACAN;P15917;LF	Lethal factor precursor (EC 3.4.24.83) (LF) (Anthrax lethal toxin endopeptidase component).;lethal factor, anthrax lethal toxin endopeptidase component [-]
LIPS_HUMAN	both	Q6NSL7;HSL	hormone-sensitive lipase [-]
LOX1_SOYBN	both	LOX1_SOYBN;P08170;SLO	Seed lipoxygenase-1 (L-1);soybean lipoxygenase-1 [-]
LOX5_HUMAN	both	LOX5_HUMAN;P09917;5-LOX	Arachidonate 5-lipoxygenase (5-lipoxygenase) (5-LO);arachidonate 5-lipoxygenase [-]
LPAR1_HUMAN	both	Q92633;EDG2_HUMAN;LPA	lysophosphatidic acid receptor [-]
LPAR1_RAT	both	P61794;EDG2_RAT;LPA-1	lysophosphatidic acid receptor 1 [-]
LPAR2_HUMAN	both	Q9HBW0;EDG4_HUMAN;LPA-2	lysophosphatidic acid receptor Edg-4, LPA receptor 2 [-]
LPAR3_HUMAN	both	Q9UBY5;EDG7_HUMAN;LPA-3	lysophosphatidic acid receptor Edg-7, LPA receptor 3 [-]
LPXC_PSEAE	both	LPXC_PSEAE;P47205;LpxC DAC	UDP-3-O-[3-hydroxymyristoyl] N-acetylglucosamine deacetylase (UDP-3-O-acyl-GlcNAc deacetylase) (envA protein);UDP-3-O-[3-hydroxymyristoyl] N-acetylglucosamine deacetylase [-]
LT4R1_HUMAN	both	Q15722;LT4R1_HUMAN;LTB4-R	Leukotriene B4 receptor 1 (LTB4-R 1) (P2Y purinoceptor 7) (P2Y7) (Chemoattractant receptor-like 1);leukotriene B4 receptor 1 [-]
LX15B_RAT	both	Q8K4F2;15-LOX	arachidonate 15-lipoxygenase [-]
M3K10_HUMAN	both	M3K10_HUMAN;Q02779;MLK-2	Mitogen-activated protein kinase kinase kinase 10 (Mixed lineage kinase 2) (Protein kinase MST);mitogen-activated protein kinase kinase 11 [-]
M3K1_HUMAN	both	M3K1_HUMAN;Q13233;Mekk1	Mitogen-activated protein kinase kinase kinase 1 (MAPK/ERK kinase kinase 1) (MEK kinase 1)

M3K9_HUMAN	both	M3K9_HUMAN;P80192;MLK-1	(MEKK 1);mitogen-activated protein kinase kinase 1 [-] mitogen-activated protein kinase kinase kinase 9 [Homo sapiens];mitogen-activated protein kinase kinase kinase 9, mixed lineage kinase 1 [-]
MAPK2_HUMAN	both	MKK2_HUMAN;P49137;MAPKAPK2	MAPK-activated protein kinase 2 [-]
MAPK5_HUMAN	both	MKK5_HUMAN;Q8IW41;PRAK	MAP kinase-activated protein kinase 5, p38-regulated/activated protein kinase [-]
MC3R_HUMAN	both	P41968;MC3R_HUMAN;MC3R	Melanocortin-3 receptor (MC3-R);melanocortin-3 receptor [-]
MC4R_HUMAN	both	P32245;MC4R_HUMAN;MC4R	Melanocortin-4 receptor (MC4-R);melanocortin-4 receptor [-]
MC5R_HUMAN	both	P33032;MC5R_HUMAN;MC5R	Melanocortin-5 receptor (MC5-R) (MC-2);melanocortin-5 receptor [-]
MCHR2_HUMAN	both	MCHR2_HUMAN;Q969V1;MCHR2	Melanin-concentrating hormone receptor 2 (MCH receptor 2) (MCHR-2) (MCH-R2) (MCH2R) (MCH-2R) (MCH2) (G-protein coupled receptor 145) (GPRv17);melanin-concentrating hormone receptor 2 [-]
MCR_HUMAN	both	MCR_HUMAN;P08235;MR	Mineralocorticoid receptor (MR);mineralocorticoid receptor [-]
MDR1_HUMAN	both	MDR1_HUMAN;P08183;PGP MDR1	Multidrug resistance protein 1 (P-glycoprotein 1) (CD243 antigen);P-glycoprotein 1, multi-drug resistance protein 1 [-]
MDR1_MOUSE	both	MDR1_MOUSE;P06795;PGP MDR1b	Multidrug resistance protein 1 (P-glycoprotein 1);P-glycoprotein 1, multi-drug resistance protein 1 [-]
MDR3_MOUSE	both	MDR3_MOUSE;P21447;PGP MDR1a	Multidrug resistance protein 3 (P-glycoprotein 3) (MDR1A);P-glycoprotein 3, multi-drug resistance protein 3 [-]
MGMT_HUMAN	both	MGMT_HUMAN;P16455;AGAT	Methylated-DNA--protein-cysteine methyltransferase (6-O-methylguanine-DNA methyltransferase) (MGMT) (O-6-methylguanine-DNA-alkyltransferase);methylated-DNA-protein-cysteine methyltransferase, O6-methylguanine-DNA methyltransferase [-]
MIF_HUMAN	both	MIF_HUMAN;P14174;MIF	Macrophage migration inhibitory factor (MIF) (Phenylpyruvate tautomerase) (Glycosylation-inhibiting factor) (GIF);macrophage migration inhibitory factor, glycosylation-inhibiting factor [-]
MK01_HUMAN	both	MK01_HUMAN;P28482;Erk-2	Mitogen-activated protein kinase 1 (Extracellular

MK08_HUMAN	both	MK08_HUMAN;P45983;Jnk1	signal-regulated kinase 2) (ERK-2) (Mitogen-activated protein kinase 2) (MAP kinase 2) (MAPK 2) (p42-MAPK) (ERT1);extracellular signal-regulated kinase 2, mitogen-activated protein kinase 1 [-]
MK09_HUMAN	both	MK09_HUMAN;P45984;Jnk2	Mitogen-activated protein kinase 8 (Stress-activated protein kinase JNK1) (c-Jun N-terminal kinase 1) (JNK-46);stress-activated protein kinase JNK1, mitogen-activated protein kinase 8 [-]
MK10_HUMAN	both	MK10_HUMAN;P53779;Jnk3	Mitogen-activated protein kinase 9 (Stress-activated protein kinase JNK2) (c-Jun N-terminal kinase 2) (JNK-55);stress-activated protein kinase JNK2, mitogen-activated protein kinase 9 [-]
MK14_HUMAN	both	MK14_HUMAN;Q16539;MAPK p38a	Mitogen-activated protein kinase 10 (Stress-activated protein kinase JNK3) (c-Jun N-terminal kinase 3) (MAP kinase p49 3F12);stress-activated protein kinase JNK3 [-]
MMP11_MOUSE	both	MM11_MOUSE;Q02853;MMP-11	Mitogen-activated protein kinase 14 (Mitogen-activated protein kinase p38alpha) (MAP kinase p38alpha) (Cytokine suppressive anti-inflammatory drug binding protein) (CSAID binding protein) (CSBP) (MAX-interacting protein 2) (MAP kinase MXI2) (SAPK2A);cytokine suppressive anti-inflammatory drug binding protein [-]
MMP12_HUMAN	both	MM12_HUMAN;P39900;MMP-12	matrix metalloprotease-11, stromelysin 3 [-]
MMP14_HUMAN	both	MM14_HUMAN;P50281;MMP-14E	macrophage elastase, matrix metalloproteinase-12 [-]
MMP15_HUMAN	both	MM15_HUMAN;P51511;MMP-15	membrane-type-1 matrix metalloproteinase, matrix metalloprotease-14 [-]
MMP16_HUMAN	both	MM16_HUMAN;P51512;MMP-16	matrix metalloproteinase-15, membrane-type matrix metalloproteinase 2 [-]
MMP1_HUMAN	both	MM01_HUMAN;P03956;MMP-1	matrix metalloproteinase-16, membrane-type matrix metalloproteinase 3 [-]
MMP26_HUMAN	both	MMP26_HUMAN;Q9NRE1;Q9GZS2;Q9NR87;MMP-26	fibroblast collagenase, matrix metalloprotease-1 [-]
MMP2_HUMAN	both	MM02_HUMAN;P08253;MMP-2	Matrix metalloproteinase-26 precursor (MMP-26) (Matrilysin-2) (Endometase);matrix metalloproteinase-26, matrilysin-2, endometase [-]
MMP3_HUMAN	both	MM03_HUMAN;P08254;MMP-3	gelatinase A, matrix metalloprotease-2 [-]
MMP7_HUMAN	both	MM07_HUMAN;P09237;MMP-7	matrix metalloprotease-3, stromelysin 1 [-]
			matrilysin, matrix metalloprotease-7 [-]

MMP8_HUMAN	both	MM08_HUMAN;P22894;MMP-8	matrix metalloprotease-8, neutrophil collagenase [-]
MMP9_HUMAN	both	MM09_HUMAN;P14780;MMP-9	gelatinase B, matrix metalloprotease-9 [-]
MPIP1_HUMAN	both	MPI1_HUMAN;P30304;CDC25A	dual specificity phosphatase Cdc25A [-]
MRAY_ECOLI	both	MRAY_ECOLI;P15876;MraY	Phospho-N-acetylmuramoyl-pentapeptide-transferase (UDP-MurNAc-pentapeptide phosphotransferase);phospho-N-acetylmuramoyl-pentapeptide-transferase [-]
MRP1_HUMAN	both	MRP1_HUMAN;P33527;MRP1	Multidrug resistance-associated protein 1 (ATP-binding cassette, sub-family C, member 1);multidrug resistance-associated protein 1 [-]
MSHR_HUMAN	both	Q01726;MSHR_HUMAN;MC1R	Melanocyte stimulating hormone receptor (MSH-R) (Melanotropin receptor) (Melanocortin-1 receptor) (MC1-R);melanocortin-1 receptor [-]
MTAP_MOUSE	both	MTAP_MOUSE;Q9CQ65;MTAPase	S-methyl-5-thioadenosine phosphorylase (5-methylthioadenosine phosphorylase) (MTA phosphorylase) (MTAPase);5'-methylthioadenosine phosphorylase, MTA phosphorylase [-]
MTNN_ECOLI	both	MTNN_ECOLI;P24247;MTA/SAH nucleosidase	MTA/SAH nucleosidase (P46) (5-methylthioadenosine nucleosidase) (S-adenosylhomocysteine nucleosidase);5'-methylthioadenosine nucleosidase/S-adenosylhomocysteine nucleosidase [-]
MTP_HUMAN	both	MTP_HUMAN;P55157;MTP	Microsomal triglyceride transfer protein large subunit precursor;microsomal triglyceride transfer protein [-]
MTR1B_HUMAN	both	P49286;MTR1B_HUMAN;MT2	Melatonin receptor type 1B (Mel-1B-R) (Mel1b melatonin receptor);melatonin receptor type 1b [-]
MURA_ECOLI	both	MURA_ECOLI;P0A749;murA	UDP-N-acetylglucosamine 1-carboxyvinyltransferase (Enoylpyruvate transferase) (UDP-N-acetylglucosamine enolpyruvyl transferase) (EPT);UDP-N-acetylglucosamine 1-carboxyvinyltransferase, UDP-N-acetylglucosamine enolpyruvyl transferase [-]
MYLK_CHICK	both	KMLS_CHICK;P11799;MLCKase	myosin light chain kinase [-]
NEP_HUMAN	both	NEP_HUMAN;P08473;NEP	Nepriylsin (Neutral endopeptidase) (NEP) (Enkephalinase) (Common acute lymphocytic leukemia antigen) (CALLA) (Neutral endopeptidase 24.11) (CD10);nepriylsin, neutral endopeptidase, enkephalinase [-]
NFKB1_HUMAN	both	KBF1_HUMAN;P19838;NF-kappaB	nuclear factor NF-kappa-B [-]

NK1R_HUMAN	both	P25103;NK1R_HUMAN;NK1	Substance-P receptor (SPR) (NK-1 receptor) (NK-1R) (Tachykinin receptor 1);substance-P receptor, tachykinin receptor 1 [-]
NK2R_HUMAN	both	P21452;NK2R_HUMAN;NK2	Substance-K receptor (SKR) (Neurokinin A receptor) (NK-2 receptor) (NK-2R) (Tachykinin receptor 2);neurokinin A receptor, tachykinin receptor 2 [-]
NK3R_RAT	both	P16177;NK3R_RAT;NK3	Neuromedin K receptor (NKR) (Neurokinin B receptor) (NK-3 receptor) (NK-3R) (Tachykinin receptor 3);neurokinin B receptor, tachykinin receptor 3 [-]
NMDE1_HUMAN	both	NME1_HUMAN;Q12879;NMDA	glutamate receptor ionotropic, NMDA subtype 2A [-]
NMDE1_RAT	both	NME1_RAT;Q00959;NMDA/PCP	glutamate receptor ionotropic, NMDA, phencyclidine site [-]
NMT_CANAL	both	NMT_CANAL;P30418;NMTase	Glycylpeptide N-tetradecanoyltransferase (Peptide N-myristoyltransferase) (Myristoyl-CoA:protein N-myristoyltransferase) (NMT);myristoylCoA:protein N-myristoyltransferase [-]
NOS1_RAT	both	NOS1_RAT;P29476;nNOS	Nitric-oxide synthase, brain (NOS, type I) (Neuronal NOS) (N-NOS) (nNOS) (Constitutive NOS) (NC-NOS) (BNOS);neuronal nitric-oxide synthase, constitutive NOS, NOS, type I [-]
NOS2_MOUSE	both	NOS2_MOUSE;P29477;iNOS	Nitric oxide synthase, inducible (NOS, type II) (Inducible NOS) (iNOS) (Macrophage NOS) (MAC-NOS);nitric-oxide synthase, inducible [-]
NOS3_HUMAN	both	NOS3_HUMAN;P29474;eNOS	Nitric-oxide synthase, endothelial (EC-NOS) (NOS, type III) (NOSIII) (Endothelial NOS) (eNOS) (Constitutive NOS) (cNOS);nitric-oxide synthase, endothelial, constitutive NOS [-]
NPY1R_HUMAN	both	P25929;NPY1R_HUMAN;NPY1-R	Neuropeptide Y receptor type 1 (NPY1-R);neuropeptide Y receptor type 1 [-]
NPY5R_HUMAN	both	Q15761;NPY5R_HUMAN;NPY5-R	Neuropeptide Y receptor type 5 (NPY5-R) (NPY-Y5 receptor) (Y5 receptor) (NPYY5);neuropeptide Y receptor type 5 [-]
NQO1_HUMAN	both	NQO1_HUMAN;P15559;DTD	NAD(P)H dehydrogenase [quinone] 1 (Quinone reductase 1) (QR1) (DT-diaphorase) (DTD) (Azoreductase) (Phylloquinone reductase) (Menadione reductase);NAD(P)H dehydrogenase [quinone] 1, DT-diaphorase, azoreductase, phylloquinone reductase, menadione reductase [-]

NR1H2_HUMAN	both	P55055;NR1H2_HUMAN;LXRbeta	Oxysterols receptor LXR-beta (Liver X receptor beta) (Nuclear orphan receptor LXR-beta) (Ubiquitously-expressed nuclear receptor) (Nuclear receptor NER);liver X receptor [+]
NR1H3_HUMAN	both	NRH3_HUMAN;Q13133;LXRalpha	liver X receptor [+]
NR1H4_HUMAN	both	NRH4_HUMAN;Q96R11;FXR	farnesoid X-activated receptor, bile acid receptor
NTCP_HUMAN	both	NTCP_HUMAN;Q14973;ASBT	Sodium/bile acid cotransporter (Na(+)/bile acid cotransporter) (Na(+)/taurocholate transport protein) (Sodium/taurocholate cotransporting polypeptide);apical sodium codependent bile acid transporter, ileal sodium/bile acid cotransporter, Na(+)/taurocholate transport protein [-]
NTR1_HUMAN	both	P30989;NTR1_HUMAN;NT1	Neurotensin receptor type 1 (NT-R-1) (High-affinity levocabastine-insensitive neurotensin receptor) (NTRH);neurotensin receptor type 1 [-]
NTR1_MOUSE	both	O88319;NTR1_MOUSE;NT	Neurotensin receptor type 1 (NT-R-1);neurotensin receptor [-]
NTR1_RAT	both	P20789;NTR1_RAT;NTR	Neurotensin receptor type 1 (NT-R-1) (High-affinity levocabastine-insensitive neurotensin receptor) (NTRH);neurotensin receptor type 1 [-]
NTR2_HUMAN	both	O95665;NTR2_HUMAN;NT2	Neurotensin receptor type 2 (NT-R-2) (Levocabastine-sensitive neurotensin receptor) (NTR2 receptor);neurotensin receptor type 2 [-]
NTRK1_HUMAN	both	TRKA_HUMAN;P04629;TrkA	high affinity nerve growth factor receptor, Slow nerve growth factor receptor [-]
OPRD_HUMAN	both	P41143;OPRD_HUMAN;delta	Delta-type opioid receptor (DOR-1);delta-type opioid receptor [-]
OPRK_HUMAN	both	P41145;OPRK_HUMAN;kappa	Kappa-type opioid receptor (KOR-1);kappa-type opioid receptor [-]
OPRM_HUMAN	both	P35372;OPRM_HUMAN;mu	Mu-type opioid receptor (MOR-1);mu-type opioid receptor [-]
OPRM_RAT	both	P33535;OPRM_RAT;mu plus kappa	Mu-type opioid receptor (MOR-1) (Opioid receptor B) (MUOR1);mu and kappa-type opioid receptors [-]
OPRS1_RAT	both	Q9R0C9;sigma1	sigma receptor, type 1 [-]
OX1R_HUMAN	both	O43613;OX1R_HUMAN;OX1R	Orexin receptor type 1 (Ox1r) (Hypocretin receptor type 1);orexin receptor type 1 [-]
OX2R_HUMAN	both	O43614;OX2R_HUMAN;OX2R	Orexin receptor type 2 (Ox2r) (Hypocretin receptor type 2);orexin receptor type 2 [-]
OXYR_HUMAN	both	P30559;OXYR_HUMAN;OT	Oxytocin receptor (OT-R);oxytocin receptor [-]
P2RX7_HUMAN	both	P2X7_HUMAN;Q99572;P2X7 R	P2X purinoceptor 7 [-]

P2RY2_HUMAN	both	P41231;P2RY2_HUMAN;P2Y2 R	P2Y purinoceptor 2 (P2Y2) (P2U purinoceptor 1) (P2U1) (ATP receptor) (Purinergetic receptor);P2Y purinoceptor 2, ATP receptor [-]
P2Y12_HUMAN	both	Q9H244;P2Y12_HUMAN;P2T	P2Y purinoceptor 12 (P2Y12) (P2Y12 platelet ADP receptor) (P2Y(ADP)) (ADP-glucose receptor) (ADPG-R) (P2Y(AC)) (P2Y(cyc)) (P2T(AC)) (SP1999);P2Y12 platelet ADP receptor, P2YC purinoceptor 12 [-]
P90584_PLAFA	both	P90584_PLAFA;Pfmrk	MO15-related protein kinase Pfmrk;MO15-related protein kinase Pfmrk [-]
PA21B_HUMAN	both	PA21_HUMAN;P04054;PLA2	PAF 2-acylhydrolase [-]
PA24A_HUMAN	both	PA24A_HUMAN;P47712;cPLA2	Cytosolic phospholipase A2 (cPLA2) (Phospholipase A2 group IVA) (Phospholipase A2) (Phosphatidylcholine 2-acylhydrolase) (Lysophospholipase);cytosolic phospholipase A2, phospholipase A2 group IVA [-]
PA2GA_HUMAN	both	PA2GA_HUMAN;P14555;NPS-PLA2	Phospholipase A2, membrane associated precursor (Phosphatidylcholine 2-acylhydrolase) (Group IIA phospholipase A2) (GIIC sPLA2) (Non-pancreatic secretory phospholipase A2) (NPS-PLA2);phosphatidylcholine 2-acylhydrolase, group IIA phospholipase A2, non-pancreatic secretory phospholipase A2 [-]
PAFA_HUMAN	both	PAFA_HUMAN;Q13093;Lp-PLA2	Platelet-activating factor acetylhydrolase precursor (PAF acetylhydrolase) (PAF 2-acylhydrolase) (LDL-associated phospholipase A2) (LDL-PLA(2)) (2-acetyl-1-alkylglycerophosphocholine esterase) (1-alkyl-2-acetyl-glycerophosphocholine esterase);LDL-associated phospholipase A2, PAF 2-acylhydrolase [-]
PAPA1_CARPA	both	PAPA_CARPA;P00784;papain	Papaya proteinase I [-]
PAR1_HUMAN	both	P25116;PAR1_HUMAN;PAR-1	Proteinase activated receptor 1 precursor (PAR-1) (Thrombin receptor) (Coagulation factor II receptor);thrombin receptor, protease activated receptor-1 [-]
PARP1_HUMAN	both	PPOL_HUMAN;P09874;PARP1	poly(ADP-ribose) polymerase-1, NAD(+) ADP-ribosyltransferase, poly(ADP-ribose) synthetase [-]
PARP2_MOUSE	both	PPO2_MOUSE;O88554;PARP	poly(ADP-ribose) polymerase-1, NAD(+) ADP-ribosyltransferase, poly(ADP-ribose) synthetase [-]
PCKGC_HUMAN	both	PPCKC_HUMAN;P35558;PPEPCK	phosphoenolpyruvate carboxykinase [ATP] [-]

PD2R_HUMAN	both	Q13258;PD2R_HUMAN;DP	Prostaglandin D2 receptor (Prostanoid DP receptor) (PGD receptor);prostaglandin D2 receptor [-]
PDE11_HUMAN	both	Q9GZY7;PDE11	cAMP/cGMP cyclic nucleotide phosphodiesterase 11A [-]
PDE1A_BOVIN	both	CN1A_BOVIN;P14100;PDE1	calcium/calmodulin-dependent cyclic nucleotide PDE 1 [-]
PDE2A_BOVIN	both	CN2A_BOVIN;P14099;PDE2	cGMP-stimulated PDE [-]
PDE3A_HUMAN	both	CN3A_HUMAN;Q14432;PDE3	cGMP-inhibited PDE [-]
PDE4A_HUMAN	both	PDE4A_HUMAN;P27815;PDE4AL	cAMP-specific 3,5-cyclic phosphodiesterase 4A (DPDE2) (PDE46);cAMP-specific PDE [-]
PDE4B_HUMAN	both	CN4B_HUMAN;Q07343;PDE4B	cAMP-specific PDE [-]
PDE4C_HUMAN	both	CN4C_HUMAN;Q08493;PDE4C	cAMP-specific PDE [-]
PDE4D_HUMAN	both	PDE4D_HUMAN;Q08499;PDE4D2	cAMP-specific 3,5-cyclic phosphodiesterase 4D (DPDE3) (PDE43);cAMP-specific PDE [-]
PDE5A_HUMAN	both	CN5A_HUMAN;O76074;PDE5	cGMP-specific PDE [-]
PDE6B_BOVIN	both	CNRB_BOVIN;P23439;PDE6	rod cGMP-specific PDE 6B [-]
PDE7A_HUMAN	both	CN7A_HUMAN;Q13946;PDE7	high affinity cAMP-specific 3',5'-cyclic phosphodiesterase 7A [-]
PDK1_RAT	both	PDK1_RAT;Q63065;PDHKase	[Pyruvate dehydrogenase [lipoamide]] kinase isozyme 1, mitochondrial precursor (Pyruvate dehydrogenase kinase isoform 1) (PDK P48);pyruvate dehydrogenase kinase [-]
PDPK1_HUMAN	both	PDPK_HUMAN;O15530;PDK1	3-phosphoinositide dependent protein kinase-1 [-]
PE2R1_HUMAN	both	P34995;PE2R1_HUMAN;EP1	Prostaglandin E2 receptor, EP1 subtype (Prostanoid EP1 receptor) (PGE receptor, EP1 subtype);prostaglandin E2 receptor, EP1 subtype [-]
PE2R2_HUMAN	both	P43116;PE2R2_HUMAN;EP2	Prostaglandin E2 receptor, EP2 subtype (Prostanoid EP2 receptor) (PGE receptor, EP2 subtype);prostaglandin E2 receptor, EP12 subtype [-]
PE2R3_HUMAN	both	P43115;PE2R3_HUMAN;EP3	Prostaglandin E2 receptor, EP3 subtype (Prostanoid EP3 receptor) (PGE receptor, EP3 subtype);prostaglandin E2 receptor, EP3 subtype [-]
PE2R4_HUMAN	both	P35408;PE2R4_HUMAN;EP4	Prostaglandin E2 receptor, EP4 subtype (Prostanoid EP4 receptor) (PGE receptor, EP4 subtype);prostaglandin E2 receptor, EP4 subtype [-]
PEPA_PIG	both	PEPA_PIG;P00791;pepsin	Pepsin A precursor;pepsin A [-]
PEPC_HUMAN	both	PEPC_HUMAN;P20142;gastricsin	Gastricsin precursor (Pepsinogen C);pepsinogen C [-]
PF2R_HUMAN	both	P43088;PF2R_HUMAN;FP	Prostaglandin F2-alpha receptor (Prostanoid FP)

PGFRA_HUMAN	both	PGFRA_HUMAN;P16234;PDGFR-alpha	receptor) (PGF receptor) (PGF2 alpha receptor);prostaglandin F2-alpha receptor [-] Alpha platelet-derived growth factor receptor precursor (PDGF-R-alpha) (CD140a antigen);alpha-platelet derived growth factor receptor [-]
PGH1_HUMAN	both	PGH1_HUMAN;P23219;Q15122;COX-1	Prostaglandin G/H synthase 1 precursor (Cyclooxygenase -1) (COX-1) (Prostaglandin-endoperoxide synthase 1) (Prostaglandin H2 synthase 1) (PGH synthase 1) (PGHS-1) (PHS 1);prostaglandin H2 synthase 1, constitutive cyclooxygenase [-]
PGH2_HUMAN	both	PGH2_HUMAN;P35354;Q16876;COX-2	Prostaglandin G/H synthase 2 precursor (Cyclooxygenase -2) (COX-2) (Prostaglandin-endoperoxide synthase 2) (Prostaglandin H2 synthase 2) (PGH synthase 2) (PGHS-2) (PHS II);prostaglandin H2 synthase 2, inducible cyclooxygenase [-]
PGK_YEAST	both	PGK_YEAST;P00560;PGK1	Phosphoglycerate kinase;phosphoglycerate kinase [-]
PI2R_HUMAN	both	P43119;PI2R_HUMAN;IP	Prostacyclin receptor (Prostanoid IP receptor) (PGI receptor) (Prostaglandin I2 receptor);prostaglandin I2 receptor, prostacyclin receptor [-]
PLM1_PLAFA	both	PLM1_PLAFA;P39898;plasmepsin 1	Plasmepsin 1 precursor (Aspartic hemoglobinase I) (PFAPG);aspartic hemoglobinase I [-]
PLM2_PLAFA	both	PLM2_PLAFA;P46925;plasmepsin 2	Plasmepsin 2 precursor (Aspartic hemoglobinase II) (PFAPD);aspartic hemoglobinase II [-]
PLMN_HUMAN	both	PLMN_HUMAN;P00747;plasmin	Plasminogen precursor [Contains: (Angiostatin)];plasminogen [-]
PPARA_HUMAN	both	PPAR_HUMAN;Q07869;PPAR-alpha	peroxisome proliferator-activated receptor alpha [-]
PPARD_HUMAN	both	Q03181;PPAR-delta	PPAR-delta [-]
PPARG_HUMAN	both	PPAT_HUMAN;P37231;PPAR-gamma	peroxisome proliferator-activated receptor gamma [-]
PPCE_PIG	both	PPCE_PIG;P23687;POP	Prolyl endopeptidase (Post-proline cleaving enzyme) (PE);prolyl endopeptidase, prolyl oligopeptidase, post-proline cleaving enzyme [-]
PPIA_HUMAN	both	PPIA_HUMAN;P62937;rotamase A	Peptidyl-prolyl cis-trans isomerase A (PPIase) (Rotamase) (Cyclophilin A) (Cyclosporin A-binding protein);peptidyl-prolyl cis-trans isomerase, rotamase, PPIase [-]
PPR_HCMVA	both	VP40_HCMVA;P16753;HCMV P	human cytomegalovirus protease [-]

PRGR_HUMAN	both	PRGR_HUMAN;P06401;PR-B	Progesterone receptor (PR);progesterone receptor [-]
PROC_HUMAN	both	PRTC_HUMAN;P04070;APC	vitamin K-dependent protein C, autoproteolytic factor IIA, anticoagulant protein C, blood coagulation factor XIV [-]
PTGIS_HUMAN	both	PTGI_HUMAN;Q16647;prostacyclin synthase	prostaglandin I2 synthase [-]
PTN1_HUMAN	both	PTN1_HUMAN;P18031;PTP-1B	Tyrosine-protein phosphatase, non-receptor type 1 (Protein-tyrosine phosphatase 1B) (PTP-1B);protein-tyrosine phosphatase 1B [-]
PTN1_RAT	both	PTN1_RAT;P20417;PTP1	Tyrosine-protein phosphatase, non-receptor type 1 (Protein-tyrosine phosphatase 1B) (PTP-1B);protein-tyrosine phosphatase 1 [-]
PTN2_HUMAN	both	PTN2_HUMAN;P17706;TCPTP	Tyrosine-protein phosphatase, non-receptor type 2 (T-cell protein-tyrosine phosphatase) (TCPTP);T-cell protein-tyrosine phosphatase, protein-tyrosine phosphatase, non-receptor type 2 [-]
PTN6_HUMAN	both	PTN6_HUMAN;P29350;SHP-1	Tyrosine-protein phosphatase, non-receptor type 6 (Protein-tyrosine phosphatase 1C) (PTP-1C) (Hematopoietic cell protein-tyrosine phosphatase) (SH-PTP1) (Protein-tyrosine phosphatase SHP-1);protein-tyrosine phosphatase 1C, protein-tyrosine phosphatase, non-receptor type 6 [-]
PTPRA_HUMAN	both	PTRA_HUMAN;P18433;PTPase	protein-tyrosine phosphatase alpha [-]
PTPRB_HUMAN	both	PTPB_HUMAN;P23467;PTP-beta	protein-tyrosine phosphatase beta [-]
PUR9_HUMAN	both	PUR9_HUMAN;P31939;AICART	Bifunctional purine biosynthesis protein PURH (OK/SW-cl.86) (Phosphoribosylaminoimidazolecarboxamide formyltransferase) (AICAR transformylase) (IMP cyclohydrolase) (Inosinicase) (IMP synthetase) (ATIC);AICAR transformylase [-]
PYGL_HUMAN	both	PHS1_HUMAN;P06737;LGPase	glycogen phosphorylase, liver form [-]
PYGM_HUMAN	both	PHS2_HUMAN;P11217;MGPase	glycogen phosphorylase, muscle form [-]
PYGM_RABIT	both	PHS2_RABIT;P00489;GPase b	glycogen phosphorylase b [-]
PYRD_MOUSE	both	PYRD_MOUSE;O35435;DHODHase	Dihydroorotate dehydrogenase, mitochondrial precursor (Dihydroorotate oxidase) (DHODHase);dihydroorotate oxidase [-]
Q95PM0_TRYBR	both	Q95PM0_TRYBR;rhodesain	Cysteine protease;rhodesain [-]
Q965D6_PLAFA	both	Q965D6_PLAFA;FabG	3-oxoacyl-acyl-carrier protein reductase precursor (EC 1.1.1.100).;3-oxoacyl-[acyl-carrier-protein] reductase, 3-ketoacyl-acyl carrier protein reductase

Q9Y0I0_9TRYP	both	Q9Y0I0;P2 transporter	[-]
QPCT_HUMAN	both	QPCT_HUMAN;Q16769;QC	P2 nucleoside transporter [-] Glutaminyl-peptide cyclotransferase precursor (EC 2.3.2.5) (QC) (Glutaminyl-tRNA cyclotransferase) (Glutaminyl cyclase).;glutaminyl-peptide cyclotransferase, glutaminyl-tRNA cyclotransferase [-]
RAF1_HUMAN	both	RAF1_HUMAN;P04049;c-Raf	RAF proto-oncogene serine/threonine-protein kinase (Raf-1) (C-RAF) (cRaf);RAF proto-oncogene serine/threonine-protein kinase [-]
RARA_HUMAN	both	RRA_HUMAN;P10276;RAR-alpha	retinoic acid receptor alpha [-]
RARB_HUMAN	both	P10826;RRB_HUMAN;RAR-beta1	retinoic acid receptor beta isoform 1 [+]
RARG_HUMAN	both	RRG1_HUMAN;P13631;RAR-gamma	retinoic acid receptor gamma [-]
RENI_HUMAN	both	RENI_HUMAN;P00797;renin	Renin precursor (Angiotensinogenase);angiotensinogenase [-]
RIR1_HHV11	both	RIR1_HHV11;P08543;HSV-1 RRase	Ribonucleoside-diphosphate reductase large chain (Ribonucleotide reductase) (136 kDa subunit);ribonucleotide reductase [-]
ROCK2_HUMAN	both	ROC2_HUMAN;O75116;ROCK2	rho-associated protein kinase 2 [-]
RXRA_HUMAN	both	RXRA_HUMAN;P19793;RXR-alpha	Retinoic acid receptor RXR-alpha (Retinoid X receptor alpha);retinoid X receptor RXR-alpha [-]
RXRB_HUMAN	both	RXRB_HUMAN;P28702;RXR-beta	Retinoic acid receptor RXR-beta (Retinoid X receptor beta);retinoid X receptor RXR-beta [-]
RXRG_HUMAN	both	RXRG_HUMAN;P48443;RXR-gamma	Retinoic acid receptor RXR-gamma (Retinoid X receptor gamma);retinoid X receptor RXR-gamma [-]
S100B_HUMAN	both	S100B_HUMAN;P04271;S100B	S-100 calcium-binding protein beta subunit (S-100 protein, beta chain);S-100 protein, beta chain
S15A1_HUMAN	both	PET1_HUMAN;P46059;PEPT1	oligopeptide transporter, small intestine isoform, intestinal H ⁺ /peptide cotransporter [-]
S1PR1_HUMAN	both	P21453;EDG1_HUMAN;S1P1	sphingosine 1-phosphate receptor 1 [-]
S1PR2_HUMAN	both	O95136;EDG5_HUMAN;S1P2	sphingosine 1-phosphate receptor 2, endothelial differentiation G-protein coupled receptor 5
S1PR3_HUMAN	both	Q99500;EDG3_HUMAN;S1P3	sphingosine 1-phosphate receptor 3 [-]
S1PR4_HUMAN	both	O95977;EDG6_HUMAN;S1P4	sphingosine 1-phosphate receptor 4, endothelial differentiation G-protein coupled receptor 6 [-]
S1PR5_HUMAN	both	EDG8_HUMAN;Q9H228;S1P5	sphingosine 1-phosphate receptor 5, endothelial differentiation sphingolipid G-protein-coupled receptor 8 [-]
S29A1_HUMAN	both	S291_HUMAN;Q99808;ENT1	equilibrative nucleoside transporter 1, equilibrative

S5A1_HUMAN	both	S5A1_HUMAN;P18405;5alpha-R1	nitrobenzylmercaptapurine riboside-sensitive nucleoside transporter [-] 3-oxo-5-alpha-steroid 4-dehydrogenase 1 (Steroid 5-alpha-reductase 1) (SR type 1) (S5AR);3-oxo-5-alpha-steroid 4-dehydrogenase 1 [-]
S5A2_HUMAN	both	S5A2_HUMAN;P31213;5alpha-R2	3-oxo-5-alpha-steroid 4-dehydrogenase 2 (Steroid 5-alpha-reductase 2) (SR type 2) (5 alpha-SR2);3-oxo-5-alpha-steroid 4-dehydrogenase 1 [-]
SC6A1_RAT	both	S6A1_RAT;P23978;GAT1	sodium- and chloride-dependent GABA transporter [-]
SC6A2_MOUSE	both	S6A2_MOUSE;O55192;NET	sodium-dependent norepinephrine transporter [-]
SC6A3_RAT	both	S6A3_RAT;P23977;DAT	sodium-dependent dopamine transporter [-]
SC6A4_HUMAN	both	S6A4_HUMAN;P31645;5-HTT	sodium-dependent serotonin transporter [-]
SC6A5_HUMAN	both	S6A5_HUMAN;Q9Y345;GlyT-2	sodium- and chloride-dependent glycine transporter 2 [-]
SCN2A_RAT	both	CIN2_RAT;P04775;Na(+) channel	Sodium channel protein type II alpha subunit [-]
SGK1_HUMAN	both	SGK1_HUMAN;O00141;SGK	Serine/threonine-protein kinase Sgk1 (Serum/glucocorticoid-regulated kinase 1);serum- and glucocorticoid-induced kinase 1 [-]
SIRT1_HUMAN	both	SIRT1_HUMAN;Q96EB6;SIRT1	NAD-dependent deacetylase sirtuin-1 (EC 3.5.1.-) (hSIRT1) (hSIR2) (SIR2-like protein 1).;NAD-dependent deacetylase sirtuin 1 [-]
SL9A1_HUMAN	both	NAH1_HUMAN;P19634;NHE-1	Na(+)/H(+) antiporter, amiloride-sensitive, Na(+)/H(+) exchanger 1, Na(+)/H(+) antiporter, amiloride-sensitive [-]
SL9A1_RABIT	both	NAH1_RABIT;P23791;Na(+)/H(+) ATPase	Na(+)/H(+) exchanger 1, Na(+)/H(+) antiporter, amiloride-sensitive [-]
SNAT_SHEEP	both	SNAT_SHEEP;Q29495;AANAT	Serotonin N-acetyltransferase (Aralkylamine N-acetyltransferase) (AA-NAT) (Serotonin acetylase);serotonin N-acetyltransferase, aralkylamine N-acetyltransferase, melatonin rhythm enzyme [-]
SQHC_ALIAC	both	SQHC_ALIAC;P33247;SHC	Squalene--hopene cyclase;squalene-hopene cyclase [-]
SRC_MOUSE	both	SRC_MOUSE;P05480;Src	Neuronal proto-oncogene tyrosine-protein kinase SRC (p60-SRC) (C-SRC);proto-oncogene tyrosine-protein kinase SRC [-]
SSR1_HUMAN	both	P30872;SSR1_HUMAN;sst1	Somatostatin receptor type 1 (SS1R) (SRIF-2);somatostatin receptor type 1 [-]
SSR2_HUMAN	both	P30874;SSR2_HUMAN;sst2	Somatostatin receptor type 2 (SS2R) (SRIF-

SSR2_MOUSE	both	P30875;SSR2_MOUSE;sst2b	1);somatostatin receptor type 2 [-] Somatostatin receptor type 2 (SS2R) (SRIF-1);somatostatin receptor type 2b [-]
SSR3_HUMAN	both	P32745;SSR3_HUMAN;sst3	Somatostatin receptor type 3 (SS3R) (SSR-28);somatostatin receptor type 3 [-]
SSR4_HUMAN	both	P31391;SSR4_HUMAN;sst4	Somatostatin receptor type 4 (SS4R);somatostatin receptor type 4 [-]
SSR5_HUMAN	both	P35346;SSR5_HUMAN;sst5	Somatostatin receptor type 5 (SS5R);somatostatin receptor type 5 [-]
ST14_HUMAN	both	ST14_HUMAN;Q9Y5Y6;matriptase	Suppressor of tumorigenicity 14 (Matriptase) (Membrane-type serine protease 1) (MT-SP1) (Prostamin) (Serine protease TADG-15) (Tumor associated differentially-expressed gene-15 protein);suppressor of tumorigenicity 14 [-]
STK6_HUMAN	both	STK6_HUMAN;O14965;Aurora-A	serine/threonine protein kinase 6 [Homo sapiens];serine/threonine-protein kinase 6, serine/threonine kinase 15, breast-tumor-amplified kinase [-]
STS_HUMAN	both	STS_HUMAN;P08842;StSase	Steryl-sulfatase precursor (Steroid sulfatase) (Steryl-sulfate sulfohydrolase) (Arylsulfatase C) (ASC);steroid sulfatase, estrone sulfatase [-]
SUIS_RAT	both	SUIS_RAT;P23739;sucrase	Sucrase-isomaltase, intestinal [Contains: (Sucrase)] [Contains: (Isomaltase)];sucrose alpha-glucosidase [-]
SYM_ECOLI	both	SYM_ECOLI;P00959;MetRS	Methionyl-tRNA synthetase (Methionine--tRNA ligase) (MetRS);methionyl-tRNA synthetase, methionine-tRNA ligase [-]
TA2R_HUMAN	both	P21731;TA2R_HUMAN;TP	Thromboxane A2 receptor (TXA2-R) (Prostanoid TP receptor);thromboxane A2/prostaglandin H2 receptor [-]
TERT_HUMAN	both	TERT_HUMAN;O14746;telomerase	Telomerase reverse transcriptase (Telomerase catalytic subunit) (HEST2) (Telomerase-associated protein 2) (TP2);telomerase reverse transcriptase [-]
THAS_HUMAN	both	THAS_HUMAN;P24557;TXA2 synthase	Thromboxane-A synthase (TXA synthase) (TXS);thromboxane A2 synthase [-]
THB_HUMAN	both	THB1_HUMANP10828;Q13986;THR-beta1	thyroid hormone receptor beta-1 [-]
THB_RAT	both	THB1_RAT;P18113;THR	thyroid hormone receptor [-]
THER_BACTH	both	THER_BACTH;P00800;TL	Thermolysin precursor (Thermostable neutral proteinase);thermolysin [-]
THRB_HUMAN	both	THRB_HUMAN;P00734;thrombin	Prothrombin precursor (Coagulation factor

TIE2_HUMAN	both	TIE2_HUMAN;Q02763;Tie-2	II);coagulation factor II [-] Angiopoietin 1 receptor precursor (Tyrosine-protein kinase receptor TIE-2) (Tyrosine-protein kinase receptor TEK) (P140 TEK) (Tunica interna endothelial cell kinase) (CD202b antigen);angiopoietin 1 receptor [-]
TNR16_HUMAN	both	TNR16_HUMAN;P08138;NGFR	Tumor necrosis factor receptor superfamily member 16 precursor (Low-affinity nerve growth factor receptor) (NGF receptor) (Gp80-LNGFR) (p75 ICD) (Low affinity neurotrophin receptor p75NTR);low-affinity nerve growth factor receptor, p75NTR [-]
TNR1A_HUMAN	both	TR1A_HUMAN;P19438;TNFR1	tumor necrosis factor receptor superfamily member 1A [-]
TPA_HUMAN	both	TPA_HUMAN;P00750;tPA	Tissue-type plasminogen activator precursor (tPA) (t-PA) (t-plasminogen activator) (Alteplase) (Reteplase);tissue-type plasminogen activator [-]
TPP2_RAT	both	TPP2_RAT;Q64560;TPP II	Tripeptidyl-peptidase II (TPP-II) (Tripeptidyl aminopeptidase) (Cholecystokinin-inactivating peptidase);tripeptidyl peptidase II [-]
TRFR_MOUSE	both	P21761;TRFR_MOUSE;TRHR	Thyrotropin-releasing hormone receptor (TRH-R) (Thyroliberin receptor);thyrotropin-releasing hormone receptor, thyroliberin receptor [-]
TRPV1_RAT	both	O35433_RAT;O35433;VR	capsaicin receptor, vanilloid receptor [-]
TRY1_BOVIN	both	TRY1_BOVIN;P00760;trypsin	Cationic trypsin precursor (Beta-trypsin);cationic trypsinogen [-]
TSPO_RAT	both	BZRP_RAT;P16257;PBzR	peripheral-type benzodiazepine receptor [-]
TTHY_HUMAN	both	TTHY_HUMAN;P02766;TTR	Transthyretin precursor (Prealbumin) (TBPA) (TTR) (ATTR);transthyretin [-]
TYPH_HUMAN	both	TYPH_HUMAN;P19971;TPase	Thymidine phosphorylase precursor (TdRPase) (TP) (Platelet-derived endothelial cell growth factor) (PD-ECGF) (Gliostatin);thimidine phosphorylase [-]
TYRO_HUMAN	both	TYRO_HUMAN;P14679;tyrosinase	Tyrosinase precursor (Monophenol monooxygenase) (Tumor rejection antigen AB) (SK29-AB) (LB24-AB);monophenol monooxygenase, tyrosinase [-]
TYSY_LACCA	both	TYSY_LACCA;P00469;TSase	Thymidylate synthase (TS) (TSase);thymidylate synthase [-]
TYTR_TRYCR	both	TYTR_TRYCR;P28593;TRase	Trypanothione reductase (TR) (N(1),N(8)-bis(glutathionyl)spermidine reductase);trypanothione reductase [-]

UPP1_MOUSE	both	UPP1_MOUSE;P52624;UrdPase	Uridine phosphorylase 1 (UrdPase 1) (UPase 1);uridine phosphorylase [-]
UR2R_RAT	both	P49684;UR2R_RAT;U-II-R	Urotensin II receptor (UR-II-R) (G protein coupled receptor 14) (G protein-coupled sensory epithelial neuropeptide-like receptor) (SENR);urotensin II receptor [-]
UREA_CANEN	both	UREA_CANEN;P07374;urease	Urease (EC 3.5.1.5) (Urea amidohydrolase);.urea amidohydrolase [-]
UROK_HUMAN	both	UROK_HUMAN;P00749;uPA	Urokinase-type plasminogen activator precursor (uPA) (U-plasminogen activator);urokinase-type plasminogen activator [-]
V1AR_RAT	both	P30560;V1AR_RAT;V1	Vasopressin V1a receptor (V1aR) (Vascular/hepatic-type arginine vasopressin receptor) (Antidiuretic hormone receptor 1a) (AVPR V1a);vasopressin V1a receptor [-]
V1BR_HUMAN	both	P47901;V1BR_HUMAN;V1b	Vasopressin V1b receptor (V1bR) (AVPR V1b) (Vasopressin V3 receptor) (AVPR V3) (Antidiuretic hormone receptor 1b);vasopressin V1a receptor [-]
V2R_RAT	both	V2R_RAT;Q00788;V2	Vasopressin V2 receptor (Renal-type arginine vasopressin receptor) (Antidiuretic hormone receptor) (AVPR V2);vasopressin V2 receptor [-]
VACHT_TORCA	both	VAT_TORCA;P81721;VACHT	vesicular acetylcholine transporter [-]
VCAM1_HUMAN	both	VCA1_HUMAN;P19320;VCAM-1	vascular cell adhesion molecule-1 [-]
VDR_HUMAN	both	VDR_HUMAN;P11473;VDR	Vitamin D3 receptor (VDR) (1,25-dihydroxyvitamin D3 receptor);vitamin D3 receptor [-]
VGFR1_HUMAN	both	VGR1_HUMAN;P17948;VEGFR-1	vascular endothelial growth factor receptor 1, fms-like tyrosine kinase 1 [-]
VGFR1_MOUSE	both	VGR1_MOUSE;P35969;VEGFR	vascular endothelial growth factor receptor 1, fms-like tyrosine kinase 1 [-]
VGFR2_HUMAN	both	VGR2_HUMAN;P35968;VEGFR-2	vascular endothelial growth factor receptor 2 [-]
VMAT2_RAT	both	VMT2_RAT;Q01827;VMAT	synaptic vesicular amine transporter, monoamine transporter, vesicular amine transporter 2 [-]
XIAP_HUMAN	both	BIRC4_HUMAN;P98170;XIAP	X-linked inhibitor of apoptosis protein, baculoviral IAP repeat-containing protein 4, inhibitor of apoptosis protein 3 [-]
ZAP70_HUMAN	both	ZA70_HUMAN;P43403;ZAP-70	70 kDa zeta-associated protein [-]
2A5A_HUMAN	chembl	Q2NL72	Serine/threonine protein phosphatase 2A, 56 kDa regulatory subunit, alpha isoform (PP2A, B subunit, B alpha isoform) (PP2A, B subunit, B56 alpha isoform) (PP2A, B subunit, PR61 alpha isoform)

2ABG_HUMAN	chembl	Q8NEC4	(PP2A, B subunit, R5 alpha isoform) Serine/threonine protein phosphatase 2A, 55 kDa regulatory subunit B, gamma isoform (PP2A, subunit B, B-gamma isoform) (PP2A, subunit B, B55-gamma isoform) (PP2A, subunit B, PR55-gamma isoform) (PP2A, subunit B, R2-gamma isoform) (IMYPNO1)
2B11_HUMAN	chembl	P04229	HLA class II histocompatibility antigen, DRB1-1 beta chain precursor (MHC class I antigen DRB1*1) (DR-1) (DR1)
2B31_HUMAN	chembl	2B31_HUMAN	HLA class II histocompatibility antigen, DRB3-1 beta chain precursor (MHC class I antigen DRB3*1)
3BHS2_HUMAN	chembl	P26439	3 beta-hydroxysteroid dehydrogenase/delta 5--4-isomerase type II (3Beta-HSD II) (3-beta-hydroxy-delta(5)-steroid dehydrogenase) (3-beta-hydroxy-5-ene steroid dehydrogenase) (Progesterone reductase) (Steroid delta-isomerase) (Delta-5-3-ketosteroid is...
3BHS7_HUMAN	chembl	Q9BSN9	3 beta-hydroxysteroid dehydrogenase type VII (3Beta-HSD VII) (3-beta-hydroxy-delta(5)-C27 steroid oxidoreductase) (C(27) 3beta-HSD)
5HT1A_MOUSE	chembl	Q64264	5-hydroxytryptamine 1A receptor (5-HT-1A) (Serotonin receptor 1A) (5-HT1A)
5HT1A_RAT	chembl	P19327	5-hydroxytryptamine 1A receptor (5-HT-1A) (Serotonin receptor 1A) (5-HT1A)
5HT1B_RAT	chembl	P28564	5-hydroxytryptamine 1B receptor (5-HT-1B) (Serotonin receptor 1B)
5HT1D_PIG	chembl	P79400	5-hydroxytryptamine 1D receptor (5-HT-1D) (Serotonin receptor 1D) (5-HT1D)
5HT1D_RAT	chembl	P28565	5-hydroxytryptamine 1D receptor (5-HT-1D) (Serotonin receptor 1D)
5HT1F_RAT	chembl	P30940	5-hydroxytryptamine 1F receptor (5-HT-1F) (Serotonin receptor 1F)
5HT2A_BOVIN	chembl	Q75Z89	5-hydroxytryptamine receptor 2A [Bos taurus]
5HT2A_MOUSE	chembl	P35363	5-hydroxytryptamine 2A receptor (5-HT-2A) (Serotonin receptor 2A) (5-HT-2)
5HT2A_PIG	chembl	Q29004	5-hydroxytryptamine 2A receptor (5-HT-2A) (Serotonin receptor 2A) (5-HT-2) (5-HT2A)
5HT2B_MOUSE	chembl	Q02152	5-hydroxytryptamine 2B receptor (5-HT-2B) (Serotonin receptor 2B) (5-HT-2F) (NP75 protein)

5HT2B_RAT	chembl	P30994	5-hydroxytryptamine 2B receptor (5-HT-2B) (Serotonin receptor 2B) (5-HT-2F) (Stomach fundus serotonin receptor)
5HT2C_MOUSE	chembl	Q5WRU6	5-hydroxytryptamine 2C receptor (5-HT-2C) (Serotonin receptor 2C) (5HT-1C)
5HT2C_RAT	chembl	P08909	5-hydroxytryptamine 2C receptor (5-HT-2C) (Serotonin receptor 2C) (5HT-1C)
5HT3A_HUMAN	chembl	P46098	5-hydroxytryptamine 3 receptor precursor (5-HT-3) (Serotonin-gated ion channel receptor) (5-HT3R)
5HT3A_MOUSE	chembl	P23979	5-hydroxytryptamine 3 receptor precursor (5-HT-3) (Serotonin-gated ion channel receptor) (5-HT3R)
5HT3B_HUMAN	chembl	Q0VJC3	5-hydroxytryptamine (serotonin) receptor 3B precursor [Homo sapiens]
5HT3B_MOUSE	chembl	Q9JHJ5	5-hydroxytryptamine (serotonin) receptor 3B precursor [Mus musculus]
5HT3B_RAT	chembl	Q9JJ16	5-hydroxytryptamine (serotonin) receptor 3b [Rattus norvegicus]
5HT3C_HUMAN	chembl	A2RRR5	5-hydroxytryptamine receptor 3 subunit C [Homo sapiens]
5HT3D_HUMAN	chembl	Q70Z44	5-hydroxytryptamine receptor 3 subunit D [Homo sapiens]
5HT3E_HUMAN	chembl	A5X5Y0	5-hydroxytryptamine receptor 3 subunit E [Homo sapiens]
5HT4R_HUMAN	chembl	Q9UQR6	5-hydroxytryptamine 4 receptor (5-HT-4) (Serotonin receptor 4) (5-HT4)
5HT4R_RAT	chembl	Q62758	5-hydroxytryptamine 4 receptor (5-HT-4) (Serotonin receptor 4) (5-HT4)
5HT5A_MOUSE	chembl	P30966	5-hydroxytryptamine 5A receptor (5-HT-5A) (Serotonin receptor 5A) (5-HT-5)
5HT5A_RAT	chembl	P35364	5-hydroxytryptamine 5A receptor (5-HT-5A) (Serotonin receptor 5A) (REC17)
5HT5B_RAT	chembl	P35365	5-hydroxytryptamine 5B receptor (5-HT-5B) (Serotonin receptor 5B) (MR22)
5HT6R_RAT	chembl	P31388	5-hydroxytryptamine 6 receptor (5-HT-6) (Serotonin receptor 6) (ST-B17)
5HT7R_RAT	chembl	P32305	5-hydroxytryptamine 7 receptor (5-HT-7) (Serotonin receptor 7) (5-HT-X) (5HT7) (GPRFO)
6PGD_HUMAN	chembl	P52209	6-phosphogluconate dehydrogenase, decarboxylating
A2AMW3_MOUSE	chembl	A2AMW3	gamma-aminobutyric acid (GABA-A) receptor,

A85C_MYCTU	chembl	P96806	subunit epsilon [Mus musculus] Antigen 85-C precursor (85C) (Antigen 85 complex C) (Ag85C) (Mycolyl transferase 85C) (Fibronectin-binding protein C)
A8K327_HUMAN	chembl	A8K327	sialidase 3 [Homo sapiens]
AA1R_BOVIN	chembl	Q58D38	Adenosine A1 receptor
AA1R_CHICK	chembl	P49892	Adenosine A1 receptor
AA1R_RAT	chembl	P25099	Adenosine A1 receptor
AA2AR_CAVPO	chembl	P46616	Adenosine A2a receptor
AA2AR_HUMAN	chembl	P29274	Adenosine A2a receptor
AA2AR_MOUSE	chembl	Q60613	Adenosine A2a receptor
AA2BR_RAT	chembl	P29276	Adenosine A2b receptor
AA3R_HUMAN	chembl	Q6UWU0	Adenosine A3 receptor
AAK1_HUMAN	chembl	Q4ZFZ3	AP2 associated kinase 1 [Homo sapiens]
ABCC8_HUMAN	chembl	O75948	Sulfonylurea receptor 1
ABCC9_HUMAN	chembl	O60707	Sulfonylurea receptor 2
ABL1_HUMAN	chembl	Q17R61	Proto-oncogene tyrosine-protein kinase ABL1 (p150) (c-ABL)
ABL2_HUMAN	chembl	Q5W0C5	Tyrosine-protein kinase ABL2 (Tyrosine kinase ARG)
ABP1_HUMAN	chembl	Q16683	Amiloride-sensitive amine oxidase [copper-containing] precursor (Diamine oxidase) (DAO) (Amiloride-binding protein) (ABP) (Histaminase) (Kidney amine oxidase) (KAO)
ABP1_RAT	chembl	P36633	Amiloride-sensitive amine oxidase [copper-containing] precursor (Diamine oxidase) (DAO) (Amiloride-binding protein) (ABP) (Histaminase)
ACACA_HUMAN	chembl	Q13085	Acetyl-CoA carboxylase 1 (ACC-alpha) () (Biotin carboxylase)
ACACB_HUMAN	chembl	O00763	Acetyl-CoA carboxylase 2 (ACC-beta) () (Biotin carboxylase)
ACE2_HUMAN	chembl	Q9UFZ6	angiotensin I converting enzyme 2 precursor [Homo sapiens]
ACES_ELEEL	chembl	O42275	Acetylcholinesterase precursor (AChE)
ACES_HUMAN	chembl	B7ZKZ0	Acetylcholinesterase precursor (AChE)
ACES_MOUSE	chembl	P21836	Acetylcholinesterase precursor (AChE)
ACES_RAT	chembl	P37136	Acetylcholinesterase precursor (AChE)
ACES_TORCA	chembl	P04058	Acetylcholinesterase precursor (AChE)
ACE_MOUSE	chembl	P22967	Angiotensin-converting enzyme, somatic isoform

ACE_RABIT	chembl	P12822	precursor (ACE) (Dipeptidyl carboxypeptidase I) (Kininase II) Angiotensin-converting enzyme, somatic isoform
ACE_RAT	chembl	Q8CFN1	precursor (ACE) (Dipeptidyl carboxypeptidase I) (Kininase II) Angiotensin-converting enzyme, somatic isoform
ACH10_RAT	chembl	Q9JLB5	precursor (ACE) (Dipeptidyl carboxypeptidase I) (Kininase II) neuronal nicotinic acetylcholine receptor subunit [Rattus norvegicus]
ACHA2_HUMAN	chembl	Q15822	Neuronal acetylcholine receptor protein, alpha-2 chain precursor
ACHA2_RAT	chembl	O08952	Neuronal acetylcholine receptor protein, alpha-2 chain precursor
ACHA3_HUMAN	chembl	Q15823	Neuronal acetylcholine receptor protein, alpha-3 chain precursor
ACHA3_RAT	chembl	P04757	Neuronal acetylcholine receptor protein, alpha-3 chain precursor
ACHA4_HUMAN	chembl	Q4VAQ6	Neuronal acetylcholine receptor protein, alpha-4 chain precursor
ACHA4_MOUSE	chembl	O70174	Neuronal acetylcholine receptor protein, alpha-4 chain precursor
ACHA4_RAT	chembl	P09483	Neuronal acetylcholine receptor protein, alpha-4 chain precursor
ACHA5_RAT	chembl	P20420	Neuronal acetylcholine receptor protein, alpha-5 chain precursor
ACHA6_RAT	chembl	P43143	Neuronal acetylcholine receptor protein, alpha-6 chain precursor
ACHA7_HUMAN	chembl	Q99555	Neuronal acetylcholine receptor protein, alpha-7 chain precursor
ACHA7_MOUSE	chembl	P49582	Neuronal acetylcholine receptor protein, alpha-7 chain precursor
ACHA9_RAT	chembl	Q6PW49	Neuronal acetylcholine receptor protein, alpha-9 chain precursor
ACHA_HUMAN	chembl	B4DRV6	Acetylcholine receptor protein, alpha chain precursor
ACHA_RAT	chembl	P25108	Acetylcholine receptor protein, alpha chain precursor
ACHA_TORCA	chembl	P02710	Acetylcholine receptor protein, alpha chain precursor

ACHB2_HUMAN	chembl	P17787	Neuronal acetylcholine receptor protein, beta-2 chain precursor
ACHB2_RAT	chembl	Q53YK1	Neuronal acetylcholine receptor protein, beta-2 chain precursor (Neuronal acetylcholine receptor non-alpha-1 chain) (N-alpha 1)
ACHB3_HUMAN	chembl	Q15827	Neuronal acetylcholine receptor protein, beta-3 chain precursor
ACHB3_RAT	chembl	P12391	Neuronal acetylcholine receptor protein, beta-3 chain precursor
ACHB4_HUMAN	chembl	Q9BQR4	Neuronal acetylcholine receptor protein, beta-4 chain precursor
ACHB4_RAT	chembl	P12392	Neuronal acetylcholine receptor protein, beta-4 chain precursor (Neuronal acetylcholine receptor non-alpha-2 chain) (N-alpha 2)
ACHB_HUMAN	chembl	Q96FB8	Acetylcholine receptor protein, beta chain precursor
ACHB_RAT	chembl	P25109	Acetylcholine receptor protein, beta chain precursor
ACHB_TORCA	chembl	P02712	Acetylcholine receptor protein, beta chain precursor
ACHD_HUMAN	chembl	Q07001	Acetylcholine receptor protein, delta chain precursor
ACHD_TORCA	chembl	P02718	Acetylcholine receptor protein, delta chain precursor
ACHG_HUMAN	chembl	B3KWM8	Acetylcholine receptor protein, gamma chain precursor
ACHG_TORCA	chembl	P02714	Acetylcholine receptor protein, gamma chain precursor
ACK1_HUMAN	chembl	Q07912	Activated CDC42 kinase 1 (EC 2.7.10.2) (ACK-1) (Tyrosine kinase non- receptor protein 2).
ACLY_HUMAN	chembl	Q13037	ATP-citrate synthase (ATP-citrate (pro-S)-lyase) (Citrate cleavage enzyme)
ACM1_MOUSE	chembl	P12657	Muscarinic acetylcholine receptor M1
ACM1_RAT	chembl	P08482	Muscarinic acetylcholine receptor M1
ACM2_MOUSE	chembl	Q9ERZ4	Muscarinic acetylcholine receptor M2
ACM2_RAT	chembl	Q9Z2Z1	Muscarinic acetylcholine receptor M2
ACM3_RAT	chembl	P08483	Muscarinic acetylcholine receptor M3
ACM4_RAT	chembl	P08485	Muscarinic acetylcholine receptor M4
ACM5_RAT	chembl	P08911	Muscarinic acetylcholine receptor M5
ACPS_BACSU	chembl	P96618	Holo-[acyl-carrier-protein] synthase (Holo-ACP synthase) (4-phosphopantetheinyl transferase acpS)

ADA10_HUMAN	chembl	Q92650	ADAM 10 precursor (A disintegrin and metalloproteinase domain 10) (Mammalian disintegrin-metalloprotease) (Kuzbanian protein homolog)
ADA12_HUMAN	chembl	Q6P9E3	ADAM 12 precursor (A disintegrin and metalloproteinase domain 12) (Meltrin alpha)
ADA17_HUMAN	chembl	O60226	ADAM 17 precursor (A disintegrin and metalloproteinase domain 17) (TNF-alpha converting enzyme) (TNF-alpha convertase) (Snake venom-like protease) (CD156b antigen)
ADA17_PIG	chembl	O77636	ADAM 17 (A disintegrin and metalloproteinase domain 17) (TNF-alpha converting enzyme) (TNF-alpha convertase)
ADA17_RAT	chembl	Q9Z1K9	ADAM 17 precursor (A disintegrin and metalloproteinase domain 17) (TNF-alpha converting enzyme) (TNF-alpha convertase)
ADA1A_BOVIN	chembl	P18130	Alpha-1A adrenergic receptor (Alpha 1A-adrenoceptor) (Alpha 1A-adrenoreceptor) (Alpha-1C adrenergic receptor)
ADA1B_MESAU	chembl	P18841	Alpha-1B adrenergic receptor (Alpha 1B-adrenoceptor) (Alpha 1B-adrenoreceptor)
ADA1B_RAT	chembl	Q63215	Alpha-1B adrenergic receptor (Alpha 1B-adrenoceptor) (Alpha 1B-adrenoreceptor)
ADA1D_RAT	chembl	Q71UM4	Alpha-1D adrenergic receptor (Alpha 1D-adrenoceptor) (Alpha 1D-adrenoreceptor) (Alpha-1A adrenergic receptor) (RA42)
ADA2A_BOVIN	chembl	Q28838	Alpha-2A adrenergic receptor (Alpha-2A adrenoceptor) (Alpha-2A adrenoreceptor) (Alpha-2AAR) (Alpha-2D adrenergic receptor)
ADA2B_BOVIN	chembl	O77700	Alpha-2B adrenergic receptor (Alpha-2B adrenoceptor) (Alpha-2B adrenoreceptor)
ADA2B_RAT	chembl	Q925E4	Alpha-2B adrenergic receptor (Alpha-2B adrenoceptor) (Alpha-2B adrenoreceptor)
ADA2C_RAT	chembl	P22086	Alpha-2C adrenergic receptor (Alpha-2C adrenoceptor) (Alpha-2C adrenoreceptor) (Subtype C4)
ADAM9_HUMAN	chembl	Q8NFM6	ADAM 9 precursor (A disintegrin and metalloproteinase domain 9) (Metalloprotease/disintegrin/cysteine-rich protein 9) (Myeloma cell metalloproteinase) (Meltrin gamma)

ADA_HUMAN	chembl	P00813	(Cellular disintegrin-related protein)
ADCY1_HUMAN	chembl	Q08828	Adenosine deaminase (Adenosine aminohydrolase)
ADCY2_HUMAN	chembl	Q9UPU2	brain adenylate cyclase 1 [Homo sapiens]
ADCY2_RAT	chembl	P26769	Adenylate cyclase, type II (ATP pyrophosphate-lyase 2) (Adenylyl cyclase 2)
ADCY3_HUMAN	chembl	O60266	Adenylate cyclase, type II (ATP pyrophosphate-lyase 2) (Adenylyl cyclase 2)
ADCY3_RAT	chembl	P21932	Adenylate cyclase type III (Adenylate cyclase, olfactive type) (ATP pyrophosphate-lyase 3) (Adenylyl cyclase 3) (AC-III) (AC3)
ADCY4_HUMAN	chembl	Q8NFM4	Adenylate cyclase type III (Adenylate cyclase, olfactive type) (ATP pyrophosphate-lyase 3) (Adenylyl cyclase 3) (AC-III) (AC3)
ADCY4_RAT	chembl	P26770	Adenylate cyclase, type IV (ATP pyrophosphate-lyase 4) (Adenylyl cyclase 4)
ADCY5_RAT	chembl	Q04400	Adenylate cyclase, type IV (ATP pyrophosphate-lyase 4) (Adenylyl cyclase 4)
ADCY6_HUMAN	chembl	Q9NR75	Adenylate cyclase, type V (ATP pyrophosphate-lyase 5) (Adenylyl cyclase 5)
ADCY6_RAT	chembl	Q03343	Adenylate cyclase, type VI (ATP pyrophosphate-lyase 6) (Ca(2+)-inhibitable adenylyl cyclase)
ADCY7_HUMAN	chembl	A0AVA6	Adenylate cyclase, type VI (ATP pyrophosphate-lyase 6) (Ca(2+)-inhibitable adenylyl cyclase)
ADCY8_HUMAN	chembl	P40145	Adenylate cyclase, type VII (ATP pyrophosphate-lyase 7) (Adenylyl cyclase 7)
ADCY8_RAT	chembl	P40146	Adenylate cyclase, type VIII (ATP pyrophosphate-lyase 8) (Ca(2+)/calmodulin activated adenylyl cyclase)
ADCY9_HUMAN	chembl	O60273	Adenylate cyclase, type VIII (ATP pyrophosphate-lyase 8) (Ca(2+)/calmodulin activated adenylyl cyclase)
ADH1S_HORSE	chembl	P00328	Adenylate cyclase, type IX (ATP pyrophosphate-lyase 9) (Adenylyl cyclase 9)
ADK_RAT	chembl	Q64640	Alcohol dehydrogenase S chain
ADRB1_HUMAN	chembl	Q9UKG8	Adenosine kinase (AK) (Adenosine 5-phosphotransferase)
ADRB1_RAT	chembl	P18090	Beta-1 adrenergic receptor (Beta-1 adrenoceptor) (Beta-1 adrenoreceptor)
			Beta-1 adrenergic receptor (Beta-1 adrenoceptor) (Beta-1 adrenoreceptor)

ADRB2_BOVIN	chembl	Q28044	Beta-2 adrenergic receptor (Beta-2 adrenoceptor) (Beta-2 adrenoreceptor)
ADRB2_CANFA	chembl	P54833	Beta-2 adrenergic receptor (Beta-2 adrenoceptor) (Beta-2 adrenoreceptor)
ADRB2_HUMAN	chembl	Q9UMZ5	Beta-2 adrenergic receptor (Beta-2 adrenoceptor) (Beta-2 adrenoreceptor)
ADRB2_MOUSE	chembl	P18762	Beta-2 adrenergic receptor (Beta-2 adrenoceptor) (Beta-2 adrenoreceptor)
ADRB3_RAT	chembl	P26255	Beta-3 adrenergic receptor (Beta-3 adrenoceptor) (Beta-3 adrenoreceptor)
AGTR1_BOVIN	chembl	P25104	Type-1 angiotensin II receptor (AT1)
AGTR1_RABIT	chembl	P34976	Type-1 angiotensin II receptor (AT1)
AGTR2_HUMAN	chembl	Q6FGY7	Type-2 angiotensin II receptor (AT2)
AGTRA_RAT	chembl	Q9QVS5	Type-1 angiotensin II receptor (AT1) (AT1A)
AGTRB_RAT	chembl	P29089	Type-1B angiotensin II receptor (AT1B) (AT3)
AHR_RABIT	chembl	O02747	Ah receptor (Aryl hydrocarbon receptor) (AhR)
AK1A1_HUMAN	chembl	A8KAL8	Alcohol dehydrogenase [NADP+] (Aldehyde reductase) (Aldo-keto reductase family 1 member A1)
AK1A1_PIG	chembl	P50578	Alcohol dehydrogenase [NADP+] (Aldehyde reductase) (Aldo-keto reductase family 1 member A1)
AK1A1_RAT	chembl	P51635	Alcohol dehydrogenase [NADP+] (Aldehyde reductase) (Aldo-keto reductase family 1 member A1) (3-DG-reducing enzyme)
AKAP1_HUMAN	chembl	Q9BW14	A kinase anchor protein 1, mitochondrial precursor (Protein kinase A anchoring protein 1) (PRKA1) (A-kinase anchor protein 149 kDa) (AKAP 149) (Dual specificity A-kinase anchoring protein 1) (D-AKAP-1) (Spermatid A-kinase anchor protein 84) (S-AKAP84)
AKAP2_HUMAN	chembl	B2RTU4	A-kinase anchor protein 2 (Protein kinase A anchoring protein 2) (PRKA2) (AKAP-2)
AKT1_HUMAN	chembl	P31749	RAC-alpha serine/threonine-protein kinase (RAC-PK-alpha) (Protein kinase B) (PKB) (C-AKT)
AKT3_HUMAN	chembl	Q0VAA6	RAC-gamma serine/threonine-protein kinase (RAC-PK-gamma) (Protein kinase Akt-3) (Protein kinase B, gamma) (PKB gamma) (STK-2)
ALBU_HUMAN	chembl	Q645G4	Serum albumin precursor
ALDH2_HUMAN	chembl	Q03639	Aldehyde dehydrogenase, mitochondrial precursor

ALDR_HUMAN	chembl	Q5U031	(ALDH class 2) (ALDHI) (ALDH-E2)
ALDR_PIG	chembl	P80276	Aldose reductase (AR) (Aldehyde reductase)
AMPB_HUMAN	chembl	Q9BVM9	Aldose reductase (AR) (Aldehyde reductase)
AMPC_ECOLI	chembl	P00811	Aminopeptidase B (Ap-B) (Arginyl aminopeptidase)
AMPC_ENTCL	chembl	P05364	(Arginine aminopeptidase)
AMPC_PSEAE	chembl	P24735	Beta-lactamase precursor (Cephalosporinase)
AMPD1_HUMAN	chembl	P23109	Beta-lactamase precursor (Cephalosporinase)
AMPD3_HUMAN	chembl	Q01432	Beta-lactamase precursor (Cephalosporinase)
AMPE_HUMAN	chembl	Q07075	AMP deaminase 1 (Myoadenylate deaminase)
AMPE_PIG	chembl	Q95334	(AMP deaminase isoform M)
AMPH_ECOLI	chembl	P46127	AMP deaminase 3 (AMP deaminase isoform E)
AMPL_HUMAN	chembl	B3KMQ3	(Erythrocyte AMP deaminase)
AMPM1_HUMAN	chembl	B4E2E6	Glutamyl aminopeptidase (EAP) (Aminopeptidase A) (APA) (Differentiation antigen gp160)
AMPM1_YEAST	chembl	Q01662	Glutamyl aminopeptidase (EAP) (Aminopeptidase A) (APA)
AMPN_HUMAN	chembl	Q8IUUK3	Penicillin-binding protein ampH
AMPN_PIG	chembl	Q29242	Cytosol aminopeptidase (Leucine aminopeptidase) (LAP) (Leucyl aminopeptidase) (Proline aminopeptidase) (EC 3.4.11.5) (Prolyl aminopeptidase)
AMYP_RAT	chembl	P00689	Methionine aminopeptidase 1 (MetAP 1) (MAP 1) (Peptidase M 1)
ANDR_HUMAN	chembl	B1AKD7	Methionine aminopeptidase 1 precursor (MetAP 1) (MAP 1) (Peptidase M 1)
ANPRC_HUMAN	chembl	A2RRD1	Aminopeptidase N (hAPN) (Alanyl aminopeptidase) (Microsomal aminopeptidase) (Aminopeptidase M) (gp150) (Myeloid plasma membrane glycoprotein CD13)
AOC2_HUMAN	chembl	O75105	Aminopeptidase N (pAPN) (Alanyl aminopeptidase) (Microsomal aminopeptidase) (Aminopeptidase M) (CD13) (gp130)
			Pancreatic alpha-amylase precursor (PA) (1,4-alpha-D-glucan glucanohydrolase)
			Androgen receptor (Dihydrotestosterone receptor)
			Atrial natriuretic peptide clearance receptor precursor (ANP-C) (ANPRC) (NPR-C) (Atrial natriuretic peptide C-type receptor)
			Retina-specific copper amine oxidase precursor (RAO) (Amine oxidase [copper-containing])

AOC3_BOVIN	chembl	Q9TTK6	amine oxidase, copper containing 3 (vascular adhesion protein 1) [Bos taurus]
AOC3_HUMAN	chembl	B2RCI5	Membrane copper amine oxidase (Vascular adhesion protein-1) (VAP-1) (HPAO)
AOC3_RAT	chembl	O08590	Semicarbazide-sensitive amine oxidase
AOFA_BOVIN	chembl	P21398	Amine oxidase [flavin-containing] A (Monoamine oxidase) (MAO-A)
AOFA_HUMAN	chembl	Q16426	Amine oxidase [flavin-containing] A (Monoamine oxidase) (MAO-A)
AOFB_HUMAN	chembl	B2R6R3	Amine oxidase [flavin-containing] B (Monoamine oxidase) (MAO-B)
AOFB_RAT	chembl	P19643	Amine oxidase [flavin-containing] B (Monoamine oxidase) (MAO-B)
APOB_HUMAN	chembl	Q13787	Apolipoprotein B-100 precursor (Apo B-100) [Contains: (Apolipoprotein B-48) (Apo B-48)]
AROA_ECOLI	chembl	P78222	3-phosphoshikimate 1-carboxyvinyltransferase (5-enolpyruvylshikimate-3-phosphate synthase) (EPSP synthase) (EPSPS)
AROB_ECOLI	chembl	P07639	3-dehydroquinase synthase
AROQ_MYCTU	chembl	P0A4Z6	3-dehydroquinase dehydratase (3-dehydroquinase) (Type II DHQase)
ASND1_HUMAN	chembl	Q4ZG45	HCV NS3-transactivated protein 1 [Homo sapiens]
AT12A_HUMAN	chembl	Q13816	Potassium-transporting ATPase alpha chain 2 (Proton pump) (Non-gastric H(+)/K(+) ATPase alpha subunit)
AT1A1_HUMAN	chembl	B2RBR6	Sodium/potassium-transporting ATPase alpha-1 chain precursor (Sodium pump 1) (Na+/K+ ATPase 1)
AT1A2_HUMAN	chembl	Q07059	Sodium/potassium-transporting ATPase alpha-2 chain precursor (Sodium pump 2) (Na+/K+ ATPase 2)
AT1A3_HUMAN	chembl	Q16735	Sodium/potassium-transporting ATPase alpha-3 chain (Sodium pump 3) (Na+/K+ ATPase 3) (Alpha(III))
AT1A4_HUMAN	chembl	Q13733	Sodium/potassium-transporting ATPase alpha-4 chain (Sodium pump 4) (Na+/K+ ATPase 4)
AT1B1_HUMAN	chembl	P05026	Sodium/potassium-transporting ATPase beta-1 chain (Sodium/potassium-dependent ATPase beta-1 subunit)
AT1B1_PIG	chembl	P05027	Sodium/potassium-transporting ATPase beta-1

AT1B2_HUMAN	chembl	P14415	chain (Sodium/potassium-dependent ATPase beta-1 subunit)
AT1B3_HUMAN	chembl	P54709	Sodium/potassium-transporting ATPase beta-2 chain (Sodium/potassium-dependent ATPase beta-2 subunit)
AT2A1_HUMAN	chembl	O14983	Sodium/potassium-transporting ATPase beta-3 chain (Sodium/potassium-dependent ATPase beta-3 subunit) (ATPB-3)
AT2A2_HUMAN	chembl	P16615	Sarcoplasmic/endoplasmic reticulum calcium ATPase 1 (Calcium pump 1) (SERCA1) (SR Ca(2+)-ATPase 1) (Calcium-transporting ATPase sarcoplasmic reticulum type, fast twitch skeletal muscle isoform) (Endoplasmic reticulum class 1/2 Ca(2+) ATPase)
ATF1_HUMAN	chembl	P25168	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2 (Calcium pump 2) (SERCA2) (SR Ca(2+)-ATPase 2) (Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle isoform) (Endoplasmic reticulum class 1/2 Ca(2+) ATPase)
ATM_HUMAN	chembl	Q9UCX7	Cyclic-AMP-dependent transcription factor ATF-1 (Activating transcription factor 1) (TREB36 protein)
ATNG_HUMAN	chembl	Q15332	Serine-protein kinase ATM (Ataxia telangiectasia mutated) (A-T, mutated)
ATP4A_HUMAN	chembl	O00738	Sodium/potassium-transporting ATPase gamma chain (Sodium pump gamma chain) (Na+/K+ ATPase gamma subunit) (FXFD domain-containing ion transport regulator 2)
ATP4A_RAT	chembl	P70511	Potassium-transporting ATPase alpha chain 1 (Proton pump) (Gastric H+/K+ ATPase alpha subunit)
ATP4B_HUMAN	chembl	P51164	Potassium-transporting ATPase alpha chain 1 (Proton pump) (Gastric H+/K+ ATPase alpha subunit)
ATP4B_PIG	chembl	P18434	Potassium-transporting ATPase beta chain (Proton pump beta chain) (Gastric H+/K+ ATPase beta subunit)
			Potassium-transporting ATPase beta chain (Proton pump beta chain) (Gastric H+/K+ ATPase beta subunit) (gp60-90)

ATP4B_RAT	chembl	P18598	Potassium-transporting ATPase beta chain (Proton pump beta chain) (Gastric H+/K+ ATPase beta subunit)
ATS4_BOVIN	chembl	Q9TT93	a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 4 [Bos taurus]
ATS5_BOVIN	chembl	Q9TT92	ADAMTS-5 (A disintegrin and metalloproteinase with thrombospondin motifs 5) (ADAM-TS 5) (ADAM-TS5) (Aggrecanase-2) (ADMP-2) (ADAM-TS 11)
ATS5_HUMAN	chembl	Q9UNA0	ADAMTS-5 precursor (A disintegrin and metalloproteinase with thrombospondin motifs 5) (ADAM-TS 5) (ADAM-TS5) (Aggrecanase-2) (ADMP-2) (ADAM-TS 11)
AURKC_HUMAN	chembl	Q9UQB9	Serine/threonine-protein kinase 13 (Aurora/Ipl1/Eg2 protein 2) (Aurora/Ipl1-related kinase 3) (Aurora-C)
B2CL1_HUMAN	chembl	Q07817	Apoptosis regulator Bcl-X (Bcl-2-like 1 protein)
B2CL2_HUMAN	chembl	Q92843	Apoptosis regulator Bcl-W (Bcl-2-like 2 protein).
BCAT1_HUMAN	chembl	Q96MY9	Branched-chain-amino-acid aminotransferase, cytosolic (EC 2.6.1.42) (BCAT(c)) (ECA39 protein).
BCL2_HUMAN	chembl	P10415	Apoptosis regulator Bcl-2
BCR_HUMAN	chembl	Q4LE80	Breakpoint cluster region protein
BGAL_HUMAN	chembl	B2R7H8	Beta-galactosidase precursor (Lactase) (Acid beta-galactosidase)
BGLS_AGRTU	chembl	BGLS_AGRTU	Beta-glucosidase (EC 3.2.1.21) (Gentiobiase) (Cellobiase) (Beta-D- glucoside glucohydrolase).
BHMT1_HUMAN	chembl	Q93088	Betaine--homocysteine S-methyltransferase 1 (EC 2.1.1.5).
BKRB1_HUMAN	chembl	P46663	B1 bradykinin receptor (BK-1 receptor) (B1R)
BKRB1_RABIT	chembl	P48748	B1 bradykinin receptor (BK-1 receptor) (B1R)
BKRB1_RAT	chembl	P97583	B1 bradykinin receptor (BK-1 receptor) (B1R) (Kinin B1 receptor) (KB1)
BKRB2_HUMAN	chembl	P30411	B2 bradykinin receptor (BK-2 receptor) (B2R)
BLA1_STEMA	chembl	P52700	Metallo-beta-lactamase L1 precursor (Beta-lactamase type II) (EC 3.5.2.6) (Penicillinase).
BLAB_BACFR	chembl	P25910	Beta-lactamase, type II precursor (Penicillinase) (Cephalosporinase) (Imipenem-cefoxitin hydrolyzing enzyme)
BLAC_STAAU	chembl	P00807	Beta-lactamase precursor (Penicillinase)
BLAN_ENTCL	chembl	P52663	Imipenem-hydrolyzing beta-lactamase precursor

BLAT_ECOLX	chembl	P62593	(EC 3.5.2.6) (Carbapenemase) (NMC-A). Beta-lactamase TEM precursor (TEM-1) (TEM-2) (TEM-3) (TEM-4) (TEM-5) (TEM-6) (TEM-8/CAZ-2) (TEM-16/CAZ-7) (TEM-24/CAZ-6) (IRT-4) (Penicillinase)
BLK_HUMAN	chembl	P51451	Tyrosine-protein kinase BLK (B lymphocyte kinase) (p55-BLK)
BMP1_HUMAN	chembl	Q13872	Bone morphogenetic protein 1 precursor (BMP-1) (Procollagen C-proteinase) (PCP) (Mammalian tolloid protein) (mTld)
BMP2K_HUMAN	chembl	Q9NTG8	BMP-2-inducible protein kinase (EC 2.7.11.1) (BIKe).
BTK_HUMAN	chembl	Q06187	Tyrosine-protein kinase BTK (Brutons tyrosine kinase) (Agammaglobulinaemia tyrosine kinase) (ATK) (B cell progenitor kinase) (BPK)
C11B1_HUMAN	chembl	Q9UML2	Cytochrome P450 11B1, mitochondrial precursor (CYPXIB1) (P450C11) (P-450c11) (Steroid 11-beta-hydroxylase)
C11B2_HUMAN	chembl	P19099	Cytochrome P450 11B2, mitochondrial precursor (EC 1.14.15.5) (CYPXIB2) (P-450Aldo) (Aldosterone synthase) (ALDOS) (Aldosterone-synthesizing enzyme) (Steroid 18-hydroxylase) (P-450C18)
C1S_HUMAN	chembl	Q9UCV2	Complement C1s subcomponent precursor (C1 esterase)
C3AR_HUMAN	chembl	O43771	C3a anaphylatoxin chemotactic receptor (C3a-R) (C3AR)
CA2D1_HUMAN	chembl	Q9UD81	Dihydropyridine-sensitive L-type, calcium channel alpha-2/delta subunits precursor
CA2D1_MOUSE	chembl	O08533	Dihydropyridine-sensitive L-type calcium channel subunits alpha- 2/delta precursor [Contains L-type calcium channel subunit alpha-2, L-type calcium channel subunit delta].
CA2D1_RAT	chembl	P54290	Dihydropyridine-sensitive L-type, calcium channel alpha-2/delta subunits precursor
CA2D2_HUMAN	chembl	Q9NY48	calcium channel, voltage-dependent, alpha 2/delta subunit 2 isoform a [Homo sapiens]
CA2D2_RAT	chembl	Q8CFG6	calcium channel, voltage dependent, alpha2/delta subunit 2 [Rattus norvegicus]
CA2D3_HUMAN	chembl	Q9NY16	calcium channel, voltage-dependent, alpha 2/delta

CAC2D3_RAT	chembl	Q8CFG5	3 subunit [Homo sapiens] calcium channel, voltage-dependent, alpha 2/delta
CAC1A_RAT	chembl	P54282	3 subunit [Rattus norvegicus] Voltage-dependent P/Q-type calcium channel alpha-1A subunit (Voltage-gated calcium channel alpha subunit Cav2.1) (Calcium channel, L type, alpha-1 polypeptide, isoform 4) (Brain calcium channel I) (BI) (RAT brain class A) (RBA-I)
CAC1B_RAT	chembl	Q02294	Voltage-dependent N-type calcium channel alpha- 1B subunit (Voltage-gated calcium channel alpha subunit Cav2.2) (Calcium channel, L type, alpha-1 polypeptide isoform 5) (Brain calcium channel III) (BIII)
CAC1C_HUMAN	chembl	Q14743	Voltage-dependent L-type calcium channel alpha- 1C subunit (Voltage-gated calcium channel alpha subunit Cav1.2) (Calcium channel, L type, alpha-1 polypeptide, isoform 1, cardiac muscle)
CAC1C_MOUSE	chembl	Q04476	Voltage-dependent L-type calcium channel alpha- 1C subunit (Voltage-gated calcium channel alpha subunit Cav1.2) (Calcium channel, L type, alpha-1 polypeptide, isoform 1, cardiac muscle) (Mouse brain class C) (MBC) (MELC-CC)
CAC1C_RABIT	chembl	Q03716	Voltage-dependent L-type calcium channel alpha- 1C subunit (Voltage-gated calcium channel alpha subunit Cav1.2) (Calcium channel, L type, alpha-1 polypeptide, isoform 1, cardiac muscle) (Smooth muscle calcium channel blocker receptor) (CACB- receptor)
CAC1C_RAT	chembl	P22002	Voltage-dependent L-type calcium channel alpha- 1C subunit (Voltage-gated calcium channel alpha subunit Cav1.2) (Calcium channel, L type, alpha-1 polypeptide, isoform 1, cardiac muscle) (RAT brain class C) (RBC)
CAC1D_HUMAN	chembl	Q13931	Voltage-dependent L-type calcium channel alpha- 1D subunit (Voltage-gated calcium channel alpha subunit Cav1.3) (Calcium channel, L type, alpha-1 polypeptide, isoform 2)
CAC1D_MOUSE	chembl	Q7TSD2	calcium channel, voltage-dependent, L type, alpha 1D subunit [Mus musculus]
CAC1D_RAT	chembl	O09023	Voltage-dependent L-type calcium channel alpha-

CAC1E_RAT	chembl	Q07652	1D subunit (Voltage-gated calcium channel alpha subunit Cav1.3) (Calcium channel, L type, alpha-1 polypeptide, isoform 2) (RAT brain class D) (RBD) Voltage-dependent R-type calcium channel alpha-1E subunit (Voltage-gated calcium channel alpha subunit Cav2.3) (Calcium channel, L type, alpha-1 polypeptide, isoform 6) (RBE-II) (RBE2) (Brain calcium channel II) (BII)
CAC1F_HUMAN	chembl	Q9UHB1	Voltage-dependent L-type calcium channel alpha-1F subunit (Voltage-gated calcium channel alpha subunit Cav1.4)
CAC1G_HUMAN	chembl	Q9Y5T3	Voltage-dependent T-type calcium channel alpha-1G subunit (Voltage-gated calcium channel alpha subunit Cav3.1) (Cav3.1c) (NBR13)
CAC1G_RAT	chembl	O54898	Voltage-dependent T-type calcium channel alpha-1G subunit (Voltage-gated calcium channel alpha subunit Cav3.1)
CAC1H_HUMAN	chembl	B5ME00	Voltage-dependent T-type calcium channel alpha-1H subunit (Voltage-gated calcium channel alpha subunit Cav3.2) (Low-voltage-activated calcium channel alpha1 3.2 subunit)
CAC1H_RAT	chembl	Q9EQ60	Voltage-dependent T-type calcium channel alpha-1H subunit (Voltage-gated calcium channel alpha subunit Cav3.2)
CAC1I_RAT	chembl	Q9Z0Y8	Voltage-dependent T-type calcium channel alpha-1I subunit (Voltage-gated calcium channel alpha subunit Cav3.3) (CaVT.3)
CAC1S_HUMAN	chembl	B1ALM2	Voltage-dependent L-type calcium channel alpha-1S subunit (Voltage-gated calcium channel alpha subunit Cav1.1) (Calcium channel, L type, alpha-1 polypeptide, isoform 3, skeletal muscle)
CAC1S_RAT	chembl	P70484	Voltage-dependent L-type calcium channel alpha-1S subunit (Voltage-gated calcium channel alpha subunit Cav1.1) (Calcium channel, L type, alpha-1 polypeptide, isoform 3, skeletal muscle) (ROB1)
CAH10_HUMAN	chembl	Q9NS85	Carbonic anhydrase-related protein 10 (Carbonic anhydrase-related protein X) (CARP X) (CA-RP X) (Cerebral protein-15) (hucep-15) (UNQ533/PRO1076)
CAH11_HUMAN	chembl	Q6FHI1	Carbonic anhydrase-related protein 2 precursor

CAH12_HUMAN	chembl	O43570	(CARP-2) (CA-RP II) (CA-XI) (Carbonic anhydrase-related protein 11) (CARP XI) (CA-RP XI) (UNQ211/PRO237) Carbonic anhydrase XII precursor (Carbonate dehydratase XII) (CA-XII) (Tumor antigen HOM-RCC-3.1.3)
CAH13_HUMAN	chembl	Q8N1Q1	Carbonic anhydrase XIII (Carbonate dehydratase XIII) (CA-XIII)
CAH13_MOUSE	chembl	Q3UBM2	Carbonic anhydrase XIII (Carbonate dehydratase XIII) (CA-XIII)
CAH14_HUMAN	chembl	Q8NCF4	Carbonic anhydrase XIV precursor (Carbonate dehydratase XIV) (CA-XIV) (UNQ690/PRO1335)
CAH3_HUMAN	chembl	B3KUC8	Carbonic anhydrase III (Carbonate dehydratase III) (CA-III)
CAH4_HUMAN	chembl	P22748	Carbonic anhydrase IV precursor (Carbonate dehydratase IV) (CA-IV)
CAH5B_MOUSE	chembl	Q8C3J9	Carbonic anhydrase VB, mitochondrial precursor (Carbonate dehydratase VB) (CA-VB)
CAH6_BOVIN	chembl	P18915	Carbonic anhydrase VI precursor (Carbonate dehydratase VI) (CA-VI) (Secreted carbonic anhydrase) (Salivary carbonic anhydrase)
CAH6_HUMAN	chembl	Q9UF03	Carbonic anhydrase VI precursor (Carbonate dehydratase VI) (CA-VI) (Secreted carbonic anhydrase) (Salivary carbonic anhydrase)
CAH7_HUMAN	chembl	P43166	Carbonic anhydrase VII (Carbonate dehydratase VII) (CA-VII)
CAH8_HUMAN	chembl	Q32MY2	Carbonic anhydrase-related protein (CARP) (CA-VIII)
CAH_METTE	chembl	P40881	Carbonic anhydrase precursor
CALRL_HUMAN	chembl	A8K6G5	Calcitonin gene-related peptide type 1 receptor precursor (CGRP type 1 receptor) (Calcitonin receptor-like receptor)
CAN1_MOUSE	chembl	O35350	Calpain-1 catalytic subunit (EC 3.4.22.52) (Calpain-1 large subunit) (Calcium-activated neutral proteinase 1) (CANP 1) (Calpain mu-type) (muCANP) (Micromolar-calpain).
CAN1_RAT	chembl	P97571	Calpain-1 catalytic subunit (Calpain-1 large subunit) (Calcium-activated neutral proteinase 1) (CANP 1) (Calpain mu-type) (muCANP) (Micromolar-calpain)
CAN2_CHICK	chembl	Q92178	Calpain 2, large [catalytic] subunit precursor

CAN2_HUMAN	chembl	A6NDG7	(Calcium-activated neutral proteinase) (CANP) (M-type) (M-calpain) (Millimolar-calpain) Calpain 2, large [catalytic] subunit precursor (Calcium-activated neutral proteinase) (CANP) (M-type) (M-calpain) (Millimolar-calpain) (Calpain large polypeptide L2)
CANB1_HUMAN	chembl	B5MDU4	Calcineurin B subunit isoform 1 (Protein phosphatase 2B regulatory subunit 1) (Protein phosphatase 3 regulatory subunit B alpha isoform 1)
CANB2_HUMAN	chembl	Q96LZ3	Calcineurin B subunit isoform 2 (Protein phosphatase 2B regulatory subunit 2) (Protein phosphatase 3 regulatory subunit B beta isoform)
CANX_CHICK	chembl	P00789	(Calcineurin B-like protein) (CBLP) (CNBII) Calpain, large [catalytic] subunit (Calcium-activated neutral proteinase) (CANP) (Mu/M-type)
CARP_RHICH	chembl	P06026	Rhizopuspepsin precursor
CASP1_HUMAN	chembl	Q6PI75	Caspase-1 precursor (CASP-1) (Interleukin-1 beta convertase) (IL-1BC) (IL-1 beta converting enzyme) (ICE) (Interleukin-1 beta converting enzyme) (p45)
CASP1_MOUSE	chembl	P29452	Caspase-1 precursor (CASP-1) (Interleukin-1 beta convertase) (IL-1BC) (IL-1 beta converting enzyme) (ICE) (Interleukin-1 beta converting enzyme) (p45)
CASP6_HUMAN	chembl	Q9BQE7	Caspase-6 precursor (CASP-6) (Apoptotic protease Mch-2)
CASP7_HUMAN	chembl	B5BU45	Caspase-7 precursor (CASP-7) (ICE-like apoptotic protease 3) (ICE-LAP3) (Apoptotic protease Mch-3) (CMH-1)
CASP8_HUMAN	chembl	O14676	Caspase-8 precursor (CASP-8) (ICE-like apoptotic protease 5) (MORT1-associated CED-3 homolog) (MACH) (FADD-homologous ICE/CED-3-like protease) (FADD-like ICE) (FLICE) (Apoptotic cysteine protease) (Apoptotic protease Mch-5) (CAP4)
CASR_HUMAN	chembl	Q13912	Extracellular calcium-sensing receptor precursor (CaSR) (Parathyroid Cell calcium-sensing receptor)
CATB_BOVIN	chembl	Q3ZC03	Cathepsin B precursor
CATB_HUMAN	chembl	P07858	Cathepsin B precursor (Cathepsin B1) (APP secretase) (APPS)
CATB_RAT	chembl	P00787	Cathepsin B precursor (Cathepsin B1) (RSG-2)

CATC_HUMAN	chembl	P53634	Dipeptidyl-peptidase I precursor (DPP-I) (DPPI) (Cathepsin C) (Cathepsin J) (Dipeptidyl transferase)
CATD_HUMAN	chembl	Q6IB57	Cathepsin D precursor
CATF_HUMAN	chembl	B2R964	Cathepsin F precursor (CATSF)
CATK_RABIT	chembl	P43236	Cathepsin K precursor (OC-2 protein)
CATK_RAT	chembl	O35186	Cathepsin K precursor
CATL1_BOVIN	chembl	P25975	Cathepsin L precursor
CATL1_RAT	chembl	P07154	Cathepsin L precursor (Major excreted protein) (MEP) (Cyclic protein-2) (CP-2)
CATS_HUMAN	chembl	Q5T510	Cathepsin S precursor
CATS_MOUSE	chembl	O70370	Cathepsin S precursor (EC 3.4.22.27).
CBPA1_HUMAN	chembl	A4D1M1	Carboxypeptidase A1 precursor
CBPB1_HUMAN	chembl	Q96BQ8	Carboxypeptidase B precursor (Pancreas-specific protein) (PASP)
CBPB1_PIG	chembl	P09955	procarboxypeptidase B [<i>Sus scrofa</i>]
CBPB2_HUMAN	chembl	Q96IY4	plasma carboxypeptidase B2 isoform a preproprotein [<i>Homo sapiens</i>]
CBPN_HUMAN	chembl	P15169	Carboxypeptidase N catalytic chain precursor (Lysine carboxypeptidase) (Arginine carboxypeptidase) (Kininase 1) (Serum carboxypeptidase N) (SCPN) (Anaphylatoxin inactivator) (Plasma carboxypeptidase B)
CCKAR_HUMAN	chembl	B2R9Z5	Cholecystokinin type A receptor (CCK-A receptor) (CCK-AR)
CCKAR_MOUSE	chembl	O08786	Cholecystokinin type A receptor (CCK-A receptor) (CCK-AR)
CCKAR_RAT	chembl	P30551	Cholecystokinin type A receptor (CCK-A receptor) (CCK-AR)
CCNA1_HUMAN	chembl	Q8IY91	Cyclin A1
CCNA2_HUMAN	chembl	P20248	Cyclin A2 (Cyclin A)
CCNB1_HUMAN	chembl	P14635	G2/mitotic-specific cyclin B1
CCNB2_HUMAN	chembl	O95067	G2/mitotic-specific cyclin B2
CCNB3_HUMAN	chembl	Q8WWL7	G2/mitotic-specific cyclin B3
CCNB_MARGL	chembl	P15206	G2/mitotic-specific cyclin B
CCND1_HUMAN	chembl	P24385	G1/S-specific cyclin D1 (PRAD1 oncogene) (BCL-1 oncogene)
CCND2_HUMAN	chembl	Q5U035	G1/S-specific cyclin D2
CCND3_HUMAN	chembl	Q6FG62	G1/S-specific cyclin D3
CCNE1_HUMAN	chembl	Q9UD21	G1/S-specific cyclin E1

CCNE2_HUMAN	chembl	O95439	G1/S-Specific cyclin E2
CCNH_HUMAN	chembl	Q53X72	Cyclin H (MO15-associated protein) (p37) (p34)
CCNT1_HUMAN	chembl	O60563	Cyclin T1 (Cyclin T) (CycT1)
CCR1_MOUSE	chembl	Q91VP9	C-C chemokine receptor type 1 (C-C CKR-1) (CC-CKR-1) (CCR-1) (CCR1) (Macrophage inflammatory protein-1 alpha receptor) (MIP-1alpha-R) (RANTES-R)
CCR2_HUMAN	chembl	B2RMT0	C-C chemokine receptor type 2 (C-C CKR-2) (CC-CKR-2) (CCR-2) (CCR2) (Monocyte chemoattractant protein 1 receptor) (MCP-1-R)
CCR2_MOUSE	chembl	P51683	C-C chemokine receptor type 2 (C-C CKR-2) (CC-CKR-2) (CCR-2) (CCR2) (JE/FIC receptor) (MCP-1 receptor) (CD192 antigen).
CCR3_MOUSE	chembl	P51678	Probable C-C chemokine receptor type 3 (C-C CKR-3) (CC-CKR-3) (CCR-3) (CCR3) (CKR3) (Macrophage inflammatory protein-1 alpha receptor-like 2) (MIP-1 alpha RL2)
CCR3_RAT	chembl	O54814	C-C chemokine receptor type 3 (C-C CKR-3) (CC-CKR-3) (CCR-3) (CCR3) (CKR3)
CCR5_MOUSE	chembl	O35891	C-C chemokine receptor type 5 (C-C CKR-5) (CC-CKR-5) (CCR-5) (MIP-1 alpha receptor)
CD45_HUMAN	chembl	Q16614	Leukocyte common antigen precursor (L-CA) (CD45 antigen) (T200)
CD5R1_HUMAN	chembl	Q5U0G3	Cyclin-dependent kinase 5 activator 1 precursor (CDK5 activator 1) (Cyclin-dependent kinase 5 regulatory subunit 1) (Tau protein kinase II 23 kDa subunit) (TPKII regulatory subunit) (p23) (p25) (p35)
CDC2_MOUSE	chembl	P70337	Cell division control protein 2 homolog (p34 protein kinase) (Cyclin-dependent kinase 1) (CDK1)
CDC7_HUMAN	chembl	O00558	Cell division cycle 7-related protein kinase (CDC7-related kinase) (HsCdc7) (huCdc7)
CDD_MOUSE	chembl	Q9D7V3	Cytidine deaminase (Cytidine aminohydrolase)
CDK5_HUMAN	chembl	Q00535	Cell division protein kinase 5 (Tau protein kinase II catalytic subunit) (TPKII catalytic subunit) (Serine/threonine-protein kinase PSSALRE)
CDK7_HUMAN	chembl	Q9BS60	Cell division protein kinase 7 (CDK-activating kinase) (CAK) (TFIIH basal transcription factor complex kinase subunit) (39 kDa protein kinase) (P39 Mo15) (STK1) (CAK1)

CDK9_HUMAN	chembl	Q96TF1	Cell division protein kinase 9 (Cyclin-dependent kinase 9) (Serine/threonine-protein kinase PITALRE) (C-2K) (Cell division cycle 2-like protein kinase 4)
CEL2A_HUMAN	chembl	P08217	Elastase 2A precursor
CEL2B_HUMAN	chembl	P08218	Elastase 2B precursor
CEL3A_HUMAN	chembl	B1AQ53	Elastase IIIA precursor (Protease E)
CEL3B_HUMAN	chembl	Q5VU28	Elastase IIIB precursor (Protease E)
CELA1_HUMAN	chembl	Q9UNI1	Elastase 1 precursor
CELA1_PIG	chembl	Q29625	Elastase 1 precursor
CEL_BOVIN	chembl	P30122	Bile-salt-activated lipase precursor (EC 3.1.1.13) (BAL) (Bile-salt-stimulated lipase) (BSSL) (Carboxyl ester lipase) (Sterol esterase) (Cholesterol esterase) (Pancreatic lysophospholipase)
CEL_HUMAN	chembl	Q16398	Bile-salt-activated lipase precursor (EC 3.1.1.13) (BAL) (Bile-salt-stimulated lipase) (BSSL) (Carboxyl ester lipase) (Sterol esterase) (Cholesterol esterase) (Pancreatic lysophospholipase)
CHKA_HUMAN	chembl	Q8NE29	Choline kinase alpha (CK) (CHETK-alpha)
CHLE_MOUSE	chembl	Q03311	Cholinesterase precursor (Acylcholine acylhydrolase) (Choline esterase II) (Butyrylcholine esterase) (Pseudocholinesterase)
CHS1_CANAL	chembl	P23316	Chitin synthase 1 (Chitin-UDP acetyl-glucosaminyl transferase 1)
CLAT_HUMAN	chembl	Q9BQ23	Choline O-acetyltransferase (CHOACTase) (Choline acetylase) (ChAT)
CLK1_HUMAN	chembl	Q8N5V8	Dual specificity protein kinase CLK1 (EC 2.7.12.1) (CDC-like kinase 1).
CLK2_HUMAN	chembl	Q96CQ0	Dual specificity protein kinase CLK2 (EC 2.7.12.1) (CDC-like kinase 2).
CLK4_HUMAN	chembl	Q9HAZ1	Dual specificity protein kinase CLK4 (EC 2.7.12.1) (CDC-like kinase 4).
CLTR1_HUMAN	chembl	Q9Y271	Cysteinyl leukotriene receptor 1 (CysLTR1) (Cysteinyl leukotriene D4 receptor) (LTD4 receptor) (HG55) (HMTMF81)
CLTR2_HUMAN	chembl	Q9NS75	Cysteinyl leukotriene receptor 2 (CysLTR2) (PSEC0146) (HG57) (HPN321) (hGPCR21)
CNCG_BOVIN	chembl	P22571	Retinal cone rhodopsin-sensitive cGMP 3,5-cyclic phosphodiesterase gamma-subunit (GMP-PDE gamma)

CNCG_HUMAN	chembl	Q52LY7	Retinal cone rhodopsin-sensitive cGMP 3,5-cyclic phosphodiesterase gamma-subunit (GMP-PDE gamma)
CNR1_HUMAN	chembl	P21554	Cannabinoid receptor 1 (CB1) (CB-R) (CANN6)
CNR1_MOUSE	chembl	Q5SF33	Cannabinoid receptor 1 (CB1) (CB-R) (Brain-type cannabinoid receptor)
CNR2_HUMAN	chembl	Q6NSY0	Cannabinoid receptor 2 (CB2) (CB-2) (CX5)
CNR2_RAT	chembl	Q9EP74	Cannabinoid receptor 2 (CB2) (CB-2)
CNRG_BOVIN	chembl	P04972	Retinal rod rhodopsin-sensitive cGMP 3,5-cyclic phosphodiesterase gamma-subunit (GMP-PDE gamma)
CNRG_HUMAN	chembl	Q3KP63	Retinal rod rhodopsin-sensitive cGMP 3,5-cyclic phosphodiesterase gamma-subunit (GMP-PDE gamma)
COLA_CLOPE	chembl	P43153	Microbial collagenase precursor (120 kDa collagenase)
COMT_RAT	chembl	P22734	Catechol O-methyltransferase
CP17A_RAT	chembl	Q68FY2	Cytochrome P450 17A1 (CYPXVII) (P450-C17) (P450c17) (Steroid 17-alpha-hydroxylase/17,20 lyase)
CP19A_RAT	chembl	P22443	Cytochrome P450 19A1 (Aromatase) (CYPXIX) (Estrogen synthetase) (P-450AROM)
CP24A_RAT	chembl	Q09128	Cytochrome P450 24A1, mitochondrial precursor (P450-CC24) (Vitamin D(3) 24-hydroxylase) (1,25-dihydroxyvitamin D(3) 24-hydroxylase) (24-OHase)
CP26A_HUMAN	chembl	Q5VXI0	Cytochrome P450 26 (Retinoic acid-metabolizing cytochrome) (P450 retinoic acid-inactivating 1) (P450RAI) (hP450RAI) (Retinoic acid 4-hydroxylase)
CP2A5_MOUSE	chembl	P20852	Cytochrome P450 2A5 (CYPIIA5) (Coumarin 7-hydroxylase) (P450-15-COH) (P450-IIA3.2)
CP2C8_HUMAN	chembl	Q9UCZ9	Cytochrome P450 2C8 (CYP IIC8) (P450 form 1) (P450 MP-12/MP-20) (P450 IIC2) (S-mephenytoin 4-hydroxylase)
CP2J2_HUMAN	chembl	P51589	Cytochrome P450 2J2 (EC 1.14.14.1) (CYP IIJ2) (Arachidonic acid epoxygenase).
CP3A1_RAT	chembl	P04800	Cytochrome P450 3A1 (EC 1.14.14.1) (CYP IIIA1) (P450-PCN1).
CP3A2_RAT	chembl	Q64629	Cytochrome P450 3A2 (EC 1.14.14.1) (CYP IIIA2) (P450-PCN2) (P450/6- beta-A) (Testosterone 6-

CP4AA_RAT	chembl	P08516	beta-hydroxylase).
CP4AB_HUMAN	chembl	Q16865	Cytochrome P450 4A1 (CYPIVA1) (Lauric acid omega-hydroxylase) (P450-LA-omega 1) (P452)
CP4AE_RAT	chembl	P20817	Cytochrome P450 4A11 precursor (CYPIVA11) (Fatty acid omega-hydroxylase) (P-450 HK omega) (Lauric acid omega-hydroxylase) (CYP4A11) (P450-HL-omega)
CP51A_HUMAN	chembl	O00772	Cytochrome P450 4A3 precursor (CYPIVA3) (Lauric acid omega-hydroxylase) (P450-LA-omega 3)
CP51A_RAT	chembl	Q64549	Cytochrome P450 51A1 (CYPLI) (P450LI) (Sterol 14-alpha demethylase) (Lanosterol 14-alpha demethylase) (LDM) (P450-14DM) (P45014DM)
CPNS1_HUMAN	chembl	P04632	Cytochrome P450 51A1 (CYPLI) (P450LI) (Sterol 14-alpha demethylase) (Lanosterol 14-alpha demethylase) (LDM) (P450-14DM)
CPNS1_MOUSE	chembl	Q9R1C5	Calpain small subunit 1 (CSS1) (Calcium-dependent protease small subunit 1) (Calcium-dependent protease small subunit) (CDPS) (Calpain regulatory subunit) (Calcium-activated neutral proteinase small subunit) (CANP small subunit)
CPNS1_PIG	chembl	P04574	Calpain small subunit 1 (CSS1) (Calcium-dependent protease small subunit 1) (Calcium-dependent protease small subunit) (CDPS) (Calpain regulatory subunit) (Calcium-activated neutral proteinase small subunit) (CANP small subunit)
CPNS1_RAT	chembl	Q64537	Calpain small subunit 1 (CSS1) (Calcium-dependent protease small subunit 1) (Calcium-dependent protease small subunit) (CDPS) (Calpain regulatory subunit) (Calcium-activated neutral proteinase small subunit) (CANP small subunit)

CPT1B_RAT	chembl	Q63704	Carnitine O-palmitoyltransferase I, mitochondrial muscle isoform (CPT I) (CPTI-M) (Carnitine palmitoyltransferase 1B) (Carnitine palmitoyltransferase I like protein)
CRFR1_HUMAN	chembl	Q9UK64	Corticotropin releasing factor receptor 1 precursor (CRF-R) (CRF1) (Corticotropin-releasing hormone receptor 1) (CRH-R 1)
CRFR2_MOUSE	chembl	Q60808	Corticotropin releasing factor receptor 2 precursor (CRF-R 2) (CRF2) (Corticotropin-releasing hormone receptor 2) (CRH-R 2) (CRF-RB) (CRH-R2)
CRFR2_RAT	chembl	P47866	Corticotropin releasing factor receptor 2 precursor (CRF-R 2) (CRF2) (Corticotropin-releasing hormone receptor 2) (CRH-R 2)
CSK21_HUMAN	chembl	P19138	Casein kinase II, alpha chain (CK II)
CSK21_MOUSE	chembl	Q60737	Casein kinase II, alpha chain (CK II)
CSK22_HUMAN	chembl	P19784	Casein kinase II, alpha chain (CK II)
CSK2A_MAIZE	chembl	P28523	Casein kinase II subunit alpha (EC 2.7.11.1) (CK II) (CK2-alpha).
CSK2B_HUMAN	chembl	Q4VX47	Casein kinase II beta subunit (CK II beta) (Phosvitin) (G5a)
CSK_HUMAN	chembl	Q6FGZ6	Tyrosine-protein kinase CSK (C-SRC kinase) (Protein-tyrosine kinase CYL)
CSK_MOUSE	chembl	Q03143	Tyrosine-protein kinase CSK (C-SRC kinase) (Protein-tyrosine kinase MPK-2) (p50CSK)
CTR4_HUMAN	chembl	Q3KNQ6	Cationic amino acid transporter-4 (CAT-4) (CAT4)
CTRA_BOVIN	chembl	P00766	Chymotrypsinogen A
CTRB_BOVIN	chembl	P00767	Chymotrypsinogen B
CTRC_HUMAN	chembl	O00765	Caldecrin precursor (Chymotrypsin C)
CXCR3_HUMAN	chembl	Q7Z710	C-X-C chemokine receptor type 3 (CXC-R3) (CXCR-3) (CKR-L2) (CD183 antigen)
CXCR3_MOUSE	chembl	Q9QWN6	C-X-C chemokine receptor type 3 (CXC-R3) (CXCR-3) (Interferon- inducible protein 10 receptor) (IP-10 receptor) (CD183 antigen).
CXCR4_HUMAN	chembl	P61073	C-X-C chemokine receptor type 4 (CXC-R4) (CXCR-4) (Stromal cell-derived factor 1 receptor) (SDF-1 receptor) (Fusin) (Leukocyte-derived seven transmembrane domain receptor) (LESTR) (LCR1) (FB22) (NPYRL) (HM89) (CD184 antigen)
DAPK3_HUMAN	chembl	B3KQE2	Death-associated protein kinase 3 (DAP kinase 3)

DCAM_RAT	chembl	P17708	(DAP-like kinase) (Dlk) (ZIP-kinase) S-adenosylmethionine decarboxylase proenzyme (AdoMetDC) (SamDC) [Contains: (S-adenosylmethionine decarboxylase alpha chain)] [Contains: (S-adenosylmethionine decarboxylase beta chain)]
DEFM_HUMAN	chembl	Q9HBH1	Peptide deformylase, mitochondrial precursor (PDF) (Polypeptide deformylase)
DEF_STAAM	chembl	P68825	Peptide deformylase (PDF) (Polypeptide deformylase)
DHI1_HUMAN	chembl	B2R9Z1	Corticosteroid 11-beta-dehydrogenase, isozyme 1 (11-DH) (11-beta-hydroxysteroid dehydrogenase 1) (11-beta-HSD1)
DHI1_RAT	chembl	P16232	Corticosteroid 11-beta-dehydrogenase, isozyme 1 (11-DH) (11-beta-hydroxysteroid dehydrogenase 1) (11-beta-HSD1)
DHI2_MOUSE	chembl	Q91WK3	Corticosteroid 11-beta-dehydrogenase isozyme 2 (EC 1.1.1.-) (11-DH2) (11-beta-hydroxysteroid dehydrogenase type 2) (11-beta-HSD2) (NAD-dependent 11-beta-hydroxysteroid dehydrogenase). Sorbitol dehydrogenase (L-idoitol 2-dehydrogenase)
DHSO_RAT	chembl	A2VCV9	Deoxyhypusine synthase (DHS)
DHYS_RAT	chembl	Q6AY53	Deoxynucleoside kinase (Deoxyribonucleoside kinase) (Dm-dNK) (Multispecific deoxynucleoside kinase)
DNK_DROME	chembl	Q9XZT6	Deoxynucleoside kinase (Deoxyribonucleoside kinase) (Dm-dNK) (Multispecific deoxynucleoside kinase)
DOPO_BOVIN	chembl	P15101	Dopamine beta-monoxygenase precursor (Dopamine beta-hydroxylase) (DBH)
DPEP1_HUMAN	chembl	Q96AK2	Microsomal dipeptidase precursor (MDP) (Dehydropeptidase-I) (Renal dipeptidase) (RDP)
DPO1_THEAQ	chembl	P19821	DNA polymerase I, thermostable (Taq polymerase 1)
DPO3_STAAU	chembl	P68851	DNA polymerase III polC-type (EC 2.7.7.7) (PolIII).
DPOLB_HUMAN	chembl	Q6FI34	DNA polymerase beta (EC 4.2.99.-)
DPOL_HHV11	chembl	B9VQF8	DNA polymerase
DPOL_HHV6U	chembl	P28857	DNA polymerase [Human herpesvirus 6]
DPOL_VZVD	chembl	P09252	DNA polymerase
DPP2_RAT	chembl	Q9EPB1	Dipeptidyl-peptidase II precursor (DPP II) (Dipeptidyl aminopeptidase II) (Quiescent cell proline dipeptidase)
DPP3_RAT	chembl	Q32Q87	Dipeptidyl-peptidase III (DPP III) (Dipeptidyl

DPP4_MOUSE	chembl	P28843	aminopeptidase III) (Dipeptidyl arylamidase III) Dipeptidyl peptidase 4 (Dipeptidyl peptidase IV) (DPP IV) (T-cell activation antigen CD26) (Thymocyte-activating molecule) (THAM) [Contains: (Dipeptidyl peptidase 4 membrane form) (Dipeptidyl peptidase IV membrane form)] [Contains: (Dipeptidyl peptid...
DPP4_PIG	chembl	Q866G2	Dipeptidyl peptidase IV (DPP IV) (T-cell activation antigen CD26)
DPP4_RAT	chembl	P14740	Dipeptidyl peptidase IV (DPP IV) (T-cell activation antigen CD26) (GP110 glycoprotein) (Bile canaliculus domain-specific membrane glycoprotein)
DPP6_RAT	chembl	P46101	Dipeptidyl aminopeptidase-like protein 6 (Dipeptidylpeptidase VI) (Dipeptidylpeptidase 6) (Dipeptidyl peptidase IV like protein) (Dipeptidyl aminopeptidase-related protein) (DPPX)
DPP8_HUMAN	chembl	Q8NEM5	Dipeptidyl peptidase 8 (Dipeptidyl peptidase VIII) (DP8) (Prolyl dipeptidase DPP8) (Dipeptidyl peptidase IV-related protein 1) (DPRP-1)
DPP9_HUMAN	chembl	O75273	Dipeptidyl peptidase 9 (Dipeptidyl peptidase IX) (DP9) (Dipeptidyl peptidase-like protein 9) (DPLP9) (Dipeptidyl peptidase IV-related protein 2) (DPRP- 2)
DPYD_HUMAN	chembl	B1AN21	Dihydropyrimidine dehydrogenase [NADP+] precursor (DPD) (DHPDHase) (Dihydrouracil dehydrogenase) (Dihydrothymine dehydrogenase)
DRD1_HUMAN	chembl	P21728	D(1A) dopamine receptor
DRD1_MOUSE	chembl	Q8C8P8	D(1A) dopamine receptor
DRD1_PIG	chembl	P50130	D(1A) dopamine receptor
DRD2_BOVIN	chembl	P20288	D(2) dopamine receptor
DRD2_CERAE	chembl	P52702	D(2) dopamine receptor
DRD2_MOUSE	chembl	P61168	D(2) dopamine receptor
DRD3_RAT	chembl	P70647	D(3) dopamine receptor
DRD4_MOUSE	chembl	P51436	D(4) dopamine receptor (D(2C) dopamine receptor)
DRD4_RAT	chembl	P30729	D(4) dopamine receptor (D(2C) dopamine receptor)
DRTS_TOXGO	chembl	Q07422	Bifunctional dihydrofolate reductase-thymidylate synthase (DHFR-TS) (Dihydrofolate reductase) (Thymidylate synthase)

DUOX2_HUMAN	chembl	Q9NRD8	dual oxidase 2 precursor [Homo sapiens]
DUS22_HUMAN	chembl	Q5VWR2	dual specificity phosphatase 22 [Homo sapiens]
DUT_HUMAN	chembl	A8K650	Deoxyuridine 5-triphosphate nucleotidohydrolase, mitochondrial precursor (dUTPase) (dUTP pyrophosphatase)
DYN1_HUMAN	chembl	Q05193	Dynammin-1
DYR1A_HUMAN	chembl	O60769	Dual-specificity tyrosine-phosphorylation regulated kinase 1A (Protein kinase minibrain homolog) (MNBH) (HP86) (Dual specificity YAK1-related kinase)
DYR1A_MOUSE	chembl	Q61214	Dual specificity tyrosine-phosphorylation-regulated kinase 1A (EC 2.7.12.1) (Protein kinase minibrain homolog) (MNBH) (MP86) (Dual specificity YAK1-related kinase).
DYR1_ECOLX	chembl	P13923	Dihydrofolate reductase type I (Trimethoprim resistance protein)
DYR_CANAL	chembl	O59840	Dihydrofolate reductase
DYR_ECOLI	chembl	P0ABQ4	Dihydrofolate reductase
DYR_HUMAN	chembl	Q61RW8	Dihydrofolate reductase
DYR_LACCA	chembl	P00381	Dihydrofolate reductase
DYR_PNECA	chembl	P16184	Dihydrofolate reductase
DYR_RAT	chembl	Q920D2	dihydrofolate reductase [Rattus norvegicus]
DYR_STAAW	chembl	Q8NWQ9	dihydrofolate reductase [Staphylococcus aureus subsp. aureus MW2]
DYR_YEAST	chembl	P07807	Dihydrofolate reductase
E2F1_HUMAN	chembl	Q92768	Transcription factor E2F1 (E2F-1) (Retinoblastoma binding protein 3) (RBBP-3) (PRB-binding protein E2F-1) (PBR3) (Retinoblastoma-associated protein 1) (RBAP-1)
EAA1_HUMAN	chembl	B2R5T3	Excitatory amino acid transporter 1 (Sodium-dependent glutamate/aspartate transporter 1) (Glial glutamate transporter) (GLAST-1)
EAA2_HUMAN	chembl	P43004	Excitatory amino acid transporter 2 (Sodium-dependent glutamate/aspartate transporter 2)
EAA3_HUMAN	chembl	Q8N199	Excitatory amino acid transporter 3 (Sodium-dependent glutamate/aspartate transporter 3) (Excitatory amino-acid carrier 1) (Neuronal and epithelial glutamate transporter)
EBP_HUMAN	chembl	Q61BI9	3-beta-hydroxysteroid-delta(8),delta(7)-isomerase

ECE1_BOVIN	chembl	A2VDM9	(Cholestenol delta-isomerase) (Delta8-delta7 sterol isomerase) (D8-D7 sterol isomerase) (Emopamil-binding protein)
EDNRA_HUMAN	chembl	P25101	Endothelin-converting enzyme 1 (ECE-1)
EDNRA_MOUSE	chembl	Q91VV2	Endothelin-1 receptor precursor (Endothelin A receptor) (ET-A) (hET-AR) (ETA-R)
EDNRA_RAT	chembl	P26684	Endothelin-1 receptor precursor (Endothelin A receptor) (ET-A) (ET-AR)
EDNRB_HUMAN	chembl	A8K3T4	Endothelin-1 receptor precursor (Endothelin A receptor) (ET-A)
EDNRB_PIG	chembl	P35463	Endothelin B receptor precursor (ET-B) (Endothelin receptor Non-selective type)
EGFR_HUMAN	chembl	Q9UMD7	Endothelin B receptor precursor (ET-B) (Endothelin receptor Non-selective type)
EGFR_MOUSE	chembl	Q01279	Epidermal growth factor receptor precursor (Receptor tyrosine-protein kinase ErbB-1)
ENPP2_HUMAN	chembl	Q13827	Epidermal growth factor receptor precursor Ectonucleotide pyrophosphatase/phosphodiesterase 2 (E-NPP 2) (Phosphodiesterase I/nucleotide pyrophosphatase 2) (Phosphodiesterase I alpha) (PD-Ialpha) (Autotaxin) [Includes Alkaline phosphodiesterase I (EC 3.1.4.1), Nucleotide pyrophosphatase (EC 3.6...
EPHA2_HUMAN	chembl	Q8N3Z2	Ephrin type-A receptor 2 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor ECK) (Epithelial cell kinase).
EPHA3_HUMAN	chembl	P29320	Ephrin type-A receptor 3 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor ETK1) (HEK) (HEK4).
EPHA4_HUMAN	chembl	Q2M380	Ephrin type-A receptor 4 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor SEK) (Receptor protein-tyrosine kinase HEK8).
EPHA5_HUMAN	chembl	P54756	Ephrin type-A receptor 5 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-1) (EPH homology kinase 1) (Receptor protein- tyrosine kinase HEK7).
EPHA6_HUMAN	chembl	Q9UF33	Ephrin type-A receptor 6 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-2) (EPH homology kinase 2).

EPHA7_HUMAN	chembl	Q5VTU0	Ephrin type-A receptor 7 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EHK-3) (EPH homology kinase 3) (Receptor protein- tyrosine kinase HEK11).
EPHA8_HUMAN	chembl	Q9P269	Ephrin type-A receptor 8 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EEK) (EPH- and ELK-related kinase) (HEK3).
EPHB1_HUMAN	chembl	O95143	Ephrin type-B receptor 1 precursor (EC 2.7.10.1) (Tyrosine-protein kinase receptor EPH-2) (NET) (HEK6) (ELK).
EPHB2_HUMAN	chembl	O43477	Ephrin type-B receptor 2 precursor (Tyrosine-protein kinase receptor EPH-3) (DRT) (Receptor protein-tyrosine kinase HEK5) (ERK)
EPHB4_HUMAN	chembl	P54760	Ephrin type-B receptor 4 precursor (Tyrosine-protein kinase receptor HTK)
EPYC_HUMAN	chembl	Q99645	Dermatan sulfate proteoglycan 3 precursor (Epiphygan) (Small chondroitin/dermatan sulfate proteoglycan) (Proteoglycan-Lb) (PG-Lb)
ERBB2_RAT	chembl	P06494	Receptor tyrosine-protein kinase erbB-2 precursor (p185erbB2) (C-erbB-2) (NEU proto-oncogene) (Epidermal growth factor receptor-related protein)
ERCC5_HUMAN	chembl	Q5JUS5	DNA-repair protein complementing XP-G cells (Xeroderma pigmentosum group G complementing protein) (DNA excision repair protein ERCC-5)
ERG19_HUMAN	chembl	Q53Y65	Diphosphomevalonate decarboxylase (Mevalonate pyrophosphate decarboxylase) (Mevalonate (diphospho)decarboxylase)
ERG1_HUMAN	chembl	Q14534	Squalene monooxygenase (Squalene epoxidase) (SE)
ERG1_RAT	chembl	P52020	Squalene monooxygenase (Squalene epoxidase) (SE)
ERG7_HUMAN	chembl	Q8IYL6	Lanosterol synthase (Oxidosqualene--lanosterol cyclase) (2,3-epoxysqualene--lanosterol cyclase) (OSC)
ERM_STRPN	chembl	P21236	rRNA adenine N-6-methyltransferase (Macrolide-lincosamide-streptogramin B resistance protein) (ErmAM)
ERR1_HUMAN	chembl	Q14514	Steroid hormone receptor ERR1 (Estrogen-related receptor, alpha) (ERR-alpha) (Estrogen receptor-like 1)

ERR2_HUMAN	chembl	O95718	Steroid hormone receptor ERR2 (Estrogen-related receptor, beta) (ERR-beta) (Estrogen receptor-like 2) (ERR beta-2)
ESR1_BOVIN	chembl	Q6QIS5	Estrogen receptor (ER) (Estradiol receptor) (ER-alpha)
ESR1_MOUSE	chembl	Q9QY52	Estrogen receptor (ER) (Estradiol receptor) (ER-alpha)
ESR1_RAT	chembl	P06211	Estrogen receptor (ER) (Estradiol receptor) (ER-alpha)
ESR2_MOUSE	chembl	O70519	Estrogen receptor beta (ER-beta)
ESR2_RAT	chembl	Q62986	Estrogen receptor beta (ER-beta)
EST1_HUMAN	chembl	P82127	Liver carboxylesterase 1 precursor (Acyl coenzyme A:cholesterol acyltransferase) (ACAT) (Monocyte/macrophage serine esterase) (HMSE) (Serine esterase 1) (Brain carboxylesterase hBr1) (Triacylglycerol hydrolase) (TGH) (Egasyn) carboxylesterase [Sus scrofa]
EST1_PIG	chembl	Q29550	Carboxylesterase 2 precursor (CE-2) (hCE-2)
EST2_HUMAN	chembl	Q8TCP8	Fructose-1,6-bisphosphatase (D-fructose-1,6-bisphosphate 1-phosphohydrolase) (FBPase)
F16P1_PIG	chembl	P00636	Fructose-1,6-bisphosphatase isozyme 2 (D-fructose-1,6-bisphosphate 1-phosphohydrolase) (FBPase)
F16P2_HUMAN	chembl	Q6FI53	Coagulation factor X precursor (Stuart factor)
FA10_BOVIN	chembl	P00743	Coagulation factor X precursor (Stuart factor)
FA10_RABIT	chembl	O19045	Coagulation factor X precursor (Stuart factor)
FA10_RAT	chembl	Q63207	Coagulation factor X precursor (Stuart factor)
FA11_HUMAN	chembl	Q4W5C2	Coagulation factor XI precursor (Plasma thromboplastin antecedent) (PTA) (FXI)
FA5_HUMAN	chembl	Q6UPU6	Coagulation factor V precursor (Activated protein C cofactor)
FA9_HUMAN	chembl	P00740	Coagulation factor IX precursor (Christmas factor) (Plasma thromboplastin component) (PTC)
FAAH1_MOUSE	chembl	Q922S0	Fatty-acid amide hydrolase (Oleamide hydrolase) (Anandamide amidohydrolase)
FAAH1_RAT	chembl	Q5BKA3	Fatty-acid amide hydrolase (Oleamide hydrolase) (Anandamide amidohydrolase)
FABH_ENTFA	chembl	Q820T1	3-oxoacyl-[acyl-carrier-protein] synthase III (Beta-ketoacyl-ACP synthase III) (KAS III)
FABI_ECOLI	chembl	P0AEK4	Enoyl-[acyl-carrier-protein] reductase [NADH] (NADH-dependent enoyl-ACP reductase)

FABP4_HUMAN	chembl	Q6IBA1	Fatty acid-binding protein, adipocyte (AFABP) (Adipocyte lipid-binding protein) (ALBP) (A-FABP)
FABP5_HUMAN	chembl	Q01469	Fatty acid-binding protein, epidermal (E-FABP) (Psoriasis-associated fatty acid-binding protein homolog) (PA-FABP)
FABPH_HUMAN	chembl	B2RAB6	Fatty acid-binding protein, heart (H-FABP) (Heart-type fatty acid-binding protein) (Muscle fatty acid-binding protein) (M-FABP) (Mammary-derived growth inhibitor) (MDGI)
FAK1_HUMAN	chembl	Q9UD85	Focal adhesion kinase 1 (FADK 1) (pp125FAK) (Protein-tyrosine kinase 2)
FAS_RAT	chembl	O09190	Fatty acid synthase (EC 2.3.1.85) [Includes [Acyl-carrier-protein] S- acetyltransferase (EC 2.3.1.38), [Acyl-carrier-protein] S- malonyltransferase (EC 2.3.1.39), 3-oxoacyl-[acyl-carrier-protein] synthase (EC 2.3.1.41), 3-oxoacyl-[acyl-carrier-protein...]
FDFT_HUMAN	chembl	P37268	Farnesyl-diphosphate farnesyltransferase (Squalene synthetase) (SQS) (SS) (FPP:FPP farnesyltransferase)
FEN1_HUMAN	chembl	P39748	Flap endonuclease-1 (Maturation factor 1) (MF1)
FGFR1_MOUSE	chembl	Q80T10	Basic fibroblast growth factor receptor 1 precursor (FGFR-1) (bFGF-R) (MFR)
FGFR2_MOUSE	chembl	Q61342	Fibroblast growth factor receptor 2 precursor (FGFR-2) (Keratinocyte growth factor receptor)
FGFR3_HUMAN	chembl	Q16294	Fibroblast growth factor receptor 3 precursor (FGFR-3)
FGFR3_MOUSE	chembl	Q61851	Fibroblast growth factor receptor 3 precursor (FGFR-3) (Heparin-binding growth factor receptor)
FGFR4_HUMAN	chembl	Q8TDA0	Fibroblast growth factor receptor 4 precursor (FGFR-4)
FGFR4_MOUSE	chembl	Q03142	Fibroblast growth factor receptor 4 precursor (FGFR-4) (Protein-tyrosine kinase receptor MPK-11)
FIBA_HUMAN	chembl	Q9UCH2	Fibrinogen alpha/alpha-E chain precursor [Contains: (Fibrinopeptide A)]
FIBB_HUMAN	chembl	B2R7G3	Fibrinogen beta chain precursor [Contains: (Fibrinopeptide B)]
FIBG_HUMAN	chembl	Q53Y18	Fibrinogen gamma chain precursor (PRO2061)
FKB14_HUMAN	chembl	Q9NWM8	FK506 binding protein 14 precursor (Peptidyl-prolyl cis-trans isomerase) (PPLase) (Rotamase) (22 kDa)

FKB1A_HUMAN	chembl	Q6LEU3	FK506-binding protein) (FKBP-22) (UNQ322/PRO381) FK506-binding protein 1A (Peptidyl-prolyl cis-trans isomerase) (PPlase) (Rotamase) (12 kDa FKBP) (FKBP-12) (Immunophilin FKBP12)
FKB1A_RAT	chembl	P97533	FK506-binding protein 1A (Peptidyl-prolyl cis-trans isomerase) (PPlase) (Rotamase) (12 kDa FKBP) (FKBP-12) (Immunophilin FKBP12)
FKB1B_HUMAN	chembl	P68106	FK506-binding protein 1B (Peptidyl-prolyl cis-trans isomerase 1B) (PPlase 1B) (Rotamase 1B) (12.6 kDa FKBP) (FKBP-12.6) (Immunophilin FKBP12.6) (h-FKBP-12)
FKBP3_HUMAN	chembl	Q00688	FK506-binding protein 3 (Peptidyl-prolyl cis-trans isomerase) (PPlase) (Rotamase) (25 kDa FKBP) (FKBP-25) (Rapamycin-selective 25 kDa immunophilin)
FKBP4_HUMAN	chembl	Q9UCV7	FK506-binding protein 4 (Peptidyl-prolyl cis-trans isomerase) (PPlase) (Rotamase) (p59 protein) (HSP binding immunophilin) (HBI) (FKBP52 protein) (52 kDa FK506 binding protein) (FKBP59)
FNTA_BOVIN	chembl	P29702	Protein farnesyltransferase/geranylgeranyltransferase type I alpha subunit (EC 2.5.1.59) (CAAX farnesyltransferase alpha subunit) (Ras proteins prenyltransferase alpha) (FTase-alpha) (Type I protein geranyl-geranyltransferase alpha subunit) (GGTase-I-...
FNTA_MOUSE	chembl	Q921F7	Protein farnesyltransferase/geranylgeranyltransferase type I alpha subunit (EC 2.5.1.59) (CAAX farnesyltransferase alpha subunit) (Ras proteins prenyltransferase alpha) (FTase-alpha) (Type I protein geranyl-geranyltransferase alpha subunit) (GGTase-I-...
FNTA_RAT	chembl	Q04631	Protein farnesyltransferase/geranylgeranyltransferase type I alpha subunit (EC 2.5.1.59) (CAAX farnesyltransferase alpha subunit) (Ras proteins prenyltransferase alpha) (FTase-alpha) (Type I protein geranyl-geranyltransferase alpha subunit)

FNTA_YEAST	chembl	P29703	(GGTase-I-... Protein farnesyltransferase/geranylgeranyltransferase type I alpha subunit (EC 2.5.1.59) (CAAX farnesyltransferase alpha subunit) (Ras proteins prenyltransferase alpha) (FTase-alpha) (Type I protein geranyl-geranyltransferase alpha subunit) (GGTase-I-...
FNTB_BOVIN	chembl	Q9TS25	Protein farnesyltransferase beta subunit (CAAX farnesyltransferase beta subunit) (RAS proteins prenyltransferase beta) (FTase-beta)
FNTB_HUMAN	chembl	P49356	Protein farnesyltransferase beta subunit (CAAX farnesyltransferase beta subunit) (RAS proteins prenyltransferase beta) (FTase-beta)
FNTB_MOUSE	chembl	Q8K211	farnesyltransferase, CAAX box, beta [Mus musculus]
FNTB_RAT	chembl	Q02293	Protein farnesyltransferase beta subunit (CAAX farnesyltransferase beta subunit) (RAS proteins prenyltransferase beta) (FTase-beta)
FNTB_YEAST	chembl	Q12422	Protein farnesyltransferase beta subunit (CAAX farnesyltransferase beta subunit) (RAS proteins prenyltransferase beta) (FTase-beta)
FOLB_STAAM	chembl	P64145	Dihydroneopterin aldolase (DHNA)
FOLB_STAAN	chembl	P64146	Dihydroneopterin aldolase (DHNA)
FOLB_STAAW	chembl	P64147	Dihydroneopterin aldolase (DHNA)
FOLC_MOUSE	chembl	P48760	Folylpolyglutamate synthase, mitochondrial precursor (Folylpoly-gamma-glutamate synthetase) (FPGS) (Tetrahydrofolylpolyglutamate synthase)
FOLH1_RAT	chembl	Q547B6	Glutamate carboxypeptidase II (Membrane glutamate carboxypeptidase) (mGCP) (N-acetylated-alpha-linked acidic dipeptidase I) (NAALADase I) (Pteroylpoly-gamma-glutamate carboxypeptidase) (Folylpoly-gamma-glutamate carboxypeptidase) (FGCP) (Folate hydrol...
FOLR1_HUMAN	chembl	P15328	Folate receptor alpha precursor (FR-alpha) (Folate receptor 1) (Folate receptor, adult) (Adult folate-binding protein) (FBP) (Ovarian tumor-associated antigen MOv18) (KB cells FBP)
FPPS_HUMAN	chembl	Q96G29	Farnesyl pyrophosphate synthetase (FPP synthetase) (FPS) (Farnesyl diphosphate

FRAP_HUMAN	chembl	Q96QG3	synthetase) (Dimethylallyltranstransferase) () (Geranyltranstransferase) FKBP12-rapamycin complex-associated protein (FK506-binding protein 12-rapamycin complex- associated protein 1) (Rapamycin target protein) (RAPT1) (Mammalian target of rapamycin) (MTOR)
FRK_HUMAN	chembl	Q9NTR5	Tyrosine-protein kinase FRK (EC 2.7.10.2) (Nuclear tyrosine protein kinase RAK).
FUCO_HUMAN	chembl	Q3LID0	Tissue alpha-L-fucosidase precursor (Alpha-L- fucosidase I) (Alpha-L-fucoside fucohydrolase)
FURIN_HUMAN	chembl	Q9UCZ5	Furin precursor (Paired basic amino acid residue cleaving enzyme) (PACE) (Dibasic processing enzyme)
FUT6_HUMAN	chembl	A6NEX0	Alpha-(1,3)-fucosyltransferase (Galactoside 3-L- fucosyltransferase) (Fucosyltransferase 6) (FUCT- VI)
FYN_HUMAN	chembl	P06241	Proto-oncogene tyrosine-protein kinase FYN (P59- FYN) (SYN) (SLK)
G3PC_LEIME	chembl	Q01558	Glyceraldehyde-3-phosphate dehydrogenase, cytosolic (GAPDH)
G3P_HUMAN	chembl	P04406	Glyceraldehyde-3-phosphate dehydrogenase, liver (GAPDH)
G6PC_HUMAN	chembl	P35575	Glucose-6-phosphatase (G6Pase) (G-6-Pase)
GABR1_HUMAN	chembl	O95468	Gamma-aminobutyric acid type B receptor, subunit 1 precursor (GABA-B receptor 1) (GABA-B-R1) (Gb1)
GABR2_HUMAN	chembl	Q5VXZ2	Gamma-aminobutyric acid type B receptor, subunit 2 precursor (GABA-B receptor 2) (GABA-B-R2) (Gb2) (GABABR2) (G-protein coupled receptor 51) (GPR 51) (HG20)
GABR2_RAT	chembl	Q9JK36	Gamma-aminobutyric acid type B receptor, subunit 2 precursor (GABA-B receptor 2) (GABA-B-R2) (Gb2) (GABABR2)
GAK_HUMAN	chembl	Q9BVY6	Cyclin G-associated kinase
GALR3_HUMAN	chembl	O60755	Galanin receptor type 3 (GAL3-R) (GALR3)
GANAB_HUMAN	chembl	Q14697	Neutral alpha-glucosidase AB precursor (Glucosidase II alpha subunit)
GANC_HUMAN	chembl	Q8IZM4	Neutral alpha-glucosidase C
GASR_BOVIN	chembl	Q2KI20	Gastrin/cholecystokinin type B receptor (CCK-B receptor) (CCK-BR)

GASR_HUMAN	chembl	A8K7P9	Gastrin/cholecystokinin type B receptor (CCK-B receptor) (CCK-BR)
GASR_MOUSE	chembl	P56481	Gastrin/cholecystokinin type B receptor (CCK-B receptor) (CCK-BR)
GASR_RAT	chembl	P30553	Gastrin/cholecystokinin type B receptor (CCK-B receptor) (CCK-BR)
GATC_STRP1	chembl	Q48WZ9	Glutamyl-tRNA(Gln) amidotransferase subunit C (Glu-ADT subunit C)
GBA2_HUMAN	chembl	Q96A51	bile acid beta-glucosidase [Homo sapiens]
GBA3_HUMAN	chembl	Q8NHT8	cytosolic beta-glucosidase [Homo sapiens]
GBRA1_BOVIN	chembl	P08219	Gamma-aminobutyric-acid receptor alpha-1 subunit precursor (GABA(A) receptor)
GBRA1_HUMAN	chembl	Q8N629	Gamma-aminobutyric-acid receptor alpha-1 subunit precursor (GABA(A) receptor)
GBRA1_MOUSE	chembl	P62812	Gamma-aminobutyric-acid receptor alpha-1 subunit precursor (GABA(A) receptor)
GBRA2_BOVIN	chembl	P10063	Gamma-aminobutyric-acid receptor alpha-2 subunit precursor (GABA(A) receptor)
GBRA2_HUMAN	chembl	P47869	Gamma-aminobutyric-acid receptor alpha-2 subunit precursor (GABA(A) receptor)
GBRA2_MOUSE	chembl	P26048	Gamma-aminobutyric-acid receptor alpha-2 subunit precursor (GABA(A) receptor)
GBRA3_BOVIN	chembl	P10064	Gamma-aminobutyric-acid receptor alpha-3 subunit precursor (GABA(A) receptor)
GBRA3_HUMAN	chembl	Q8TAF9	Gamma-aminobutyric-acid receptor alpha-3 subunit precursor (GABA(A) receptor)
GBRA3_MOUSE	chembl	P26049	Gamma-aminobutyric-acid receptor alpha-3 subunit precursor (GABA(A) receptor)
GBRA3_RAT	chembl	P20236	Gamma-aminobutyric-acid receptor alpha-3 subunit precursor (GABA(A) receptor)
GBRA4_BOVIN	chembl	Q08E47	Gamma-aminobutyric-acid receptor alpha-4 subunit precursor (GABA(A) receptor)
GBRA4_HUMAN	chembl	Q8IYR7	Gamma-aminobutyric-acid receptor alpha-4 subunit precursor (GABA(A) receptor)
GBRA4_MOUSE	chembl	Q9D6F4	Gamma-aminobutyric-acid receptor alpha-4 subunit precursor (GABA(A) receptor)
GBRA4_RAT	chembl	P28471	Gamma-aminobutyric-acid receptor alpha-4 subunit precursor (GABA(A) receptor)
GBRA5_HUMAN	chembl	Q9NYT5	Gamma-aminobutyric-acid receptor alpha-5 subunit precursor (GABA(A) receptor)

GBRA5_MOUSE	chembl	Q8BHJ7	gamma-aminobutyric acid (GABA-A) receptor, subunit alpha 5 [Mus musculus]
GBRA5_RAT	chembl	P19969	Gamma-aminobutyric-acid receptor alpha-5 subunit precursor (GABA(A) receptor)
GBRA6_HUMAN	chembl	Q4VAV2	Gamma-aminobutyric-acid receptor alpha-6 subunit precursor (GABA(A) receptor)
GBRA6_MOUSE	chembl	Q9R0V4	Gamma-aminobutyric-acid receptor alpha-6 subunit precursor (GABA(A) receptor)
GBRA6_RAT	chembl	P30191	Gamma-aminobutyric-acid receptor alpha-6 subunit precursor (GABA(A) receptor)
GBRB1_BOVIN	chembl	P08220	Gamma-aminobutyric-acid receptor beta-1 subunit precursor (GABA(A) receptor)
GBRB1_HUMAN	chembl	Q8TBK3	Gamma-aminobutyric-acid receptor beta-1 subunit precursor (GABA(A) receptor)
GBRB1_MOUSE	chembl	P50571	Gamma-aminobutyric-acid receptor beta-1 subunit precursor (GABA(A) receptor)
GBRB1_RAT	chembl	P15431	Gamma-aminobutyric-acid receptor beta-1 subunit precursor (GABA(A) receptor)
GBRB2_HUMAN	chembl	A8K1A0	Gamma-aminobutyric-acid receptor beta-2 subunit precursor (GABA(A) receptor)
GBRB2_RAT	chembl	P63138	Gamma-aminobutyric-acid receptor beta-2 subunit precursor (GABA(A) receptor)
GBRB3_HUMAN	chembl	Q14352	Gamma-aminobutyric-acid receptor beta-3 subunit precursor (GABA(A) receptor)
GBRB3_MOUSE	chembl	Q3UHR3	Gamma-aminobutyric-acid receptor beta-3 subunit precursor (GABA(A) receptor)
GBRB3_RAT	chembl	P63079	Gamma-aminobutyric-acid receptor beta-3 subunit precursor (GABA(A) receptor)
GBRB_MUSDO	chembl	Q75NA5	GABA receptor subunit (Fragment).
GBRD_HUMAN	chembl	Q8N4N9	Gamma-aminobutyric-acid receptor delta subunit precursor (GABA(A) receptor)
GBRD_MOUSE	chembl	P22933	Gamma-aminobutyric-acid receptor delta subunit precursor (GABA(A) receptor)
GBRD_RAT	chembl	P18506	Gamma-aminobutyric-acid receptor delta subunit precursor (GABA(A) receptor)
GBRE_HUMAN	chembl	O15345	Gamma-aminobutyric-acid receptor epsilon subunit precursor (GABA(A) receptor)
GBRE_RAT	chembl	Q9ES14	Gamma-aminobutyric-acid receptor epsilon subunit precursor (GABA(A) receptor)
GBRG1_HUMAN	chembl	Q8N1C3	Gamma-aminobutyric-acid receptor gamma-1

GBRG1_MOUSE	chembl	Q9R0Y8	subunit precursor (GABA(A) receptor)
GBRG1_RAT	chembl	P23574	Gamma-aminobutyric-acid receptor gamma-1 subunit precursor (GABA(A) receptor)
GBRG2_BOVIN	chembl	P22300	Gamma-aminobutyric-acid receptor gamma-1 subunit precursor (GABA(A) receptor)
GBRG2_HUMAN	chembl	P18507	Gamma-aminobutyric-acid receptor gamma-2 subunit precursor (GABA(A) receptor)
GBRG2_MOUSE	chembl	Q91V50	Gamma-aminobutyric-acid receptor gamma-2 subunit precursor (GABA(A) receptor)
GBRG2_RAT	chembl	P18508	Gamma-aminobutyric-acid receptor gamma-2 subunit precursor (GABA(A) receptor)
GBRG3_HUMAN	chembl	Q9HD46	Gamma-aminobutyric-acid receptor gamma-2 subunit precursor (GABA(A) receptor)
GBRG3_MOUSE	chembl	P27681	Gamma-aminobutyric-acid receptor gamma-3 subunit precursor (GABA(A) receptor)
GBRG3_RAT	chembl	P28473	Gamma-aminobutyric-acid receptor gamma-3 subunit precursor (GABA(A) receptor)
GBRP_HUMAN	chembl	Q32MJ1	Gamma-aminobutyric-acid receptor gamma-3 subunit precursor (GABA(A) receptor)
GBRP_MOUSE	chembl	Q8QZW7	Gamma-aminobutyric-acid receptor pi subunit precursor (GABA(A) receptor)
GBRP_RAT	chembl	O09028	Gamma-aminobutyric-acid receptor pi subunit precursor (GABA(A) receptor)
GBRR1_RAT	chembl	P50572	Gamma-aminobutyric-acid receptor pi subunit precursor (GABA(A) receptor)
GBRR2_RAT	chembl	P47742	Gamma-aminobutyric-acid receptor rho-1 subunit precursor (GABA(A) receptor)
GBRR3_RAT	chembl	P50573	Gamma-aminobutyric-acid receptor rho-2 subunit precursor (GABA(A) receptor)
GBRT_HUMAN	chembl	Q32MB4	Gamma-aminobutyric-acid receptor rho-3 subunit precursor (GABA(A) receptor)
GBRT_MOUSE	chembl	Q9JLF1	Gamma-aminobutyric-acid receptor theta subunit precursor (GABA(A) receptor)
GCR_RAT	chembl	Q8R463	Gamma-aminobutyric-acid receptor theta subunit precursor (GABA(A) receptor)
GGPPS_HUMAN	chembl	O95749	Glucocorticoid receptor (GR)
			Geranylgeranyl pyrophosphate synthetase (GGPP synthetase) (GGPPSase) (Geranylgeranyl diphosphate synthase)
			(Dimethylallyltranstransferase) ()

GHSR_MOUSE	chembl	Q8BW8	(Geranyltranstransferase) () (Farnesyltranstransferase) Growth hormone secretagogue receptor type 1 (GHS-R) (GH-releasing peptide receptor) (GHRP) (Ghrelin receptor)
GIPR_HUMAN	chembl	Q9UPI1	Gastric inhibitory polypeptide receptor precursor (GIP-R) (Glucose-dependent insulinotropic polypeptide receptor)
GLCM_HUMAN	chembl	Q9UMJ8	Glucosylceramidase precursor (Beta- glucocerebrosidase) (Acid beta-glucosidase) (D- glucosyl-N-acylsphingosine glucohydrolase) (Alglucerase) (Imiglucerase)
GLCM_MOUSE	chembl	P17439	Glucosylceramidase precursor (Beta- glucocerebrosidase) (Acid beta-glucosidase) (D- glucosyl-N-acylsphingosine glucohydrolase)
GLNA_ECOLI	chembl	P0A9C5	Glutamine synthetase (Glutamate--ammonia ligase)
GLP1R_HUMAN	chembl	Q2M229	Glucagon-like peptide 1 receptor precursor (GLP-1 receptor) (GLP-1-R) (GLP-1R)
GLRA2_RAT	chembl	Q91W28	Glycine receptor alpha-2* chain precursor (Neonatal isoform) (Glycine receptor strychnine binding subunit)
GLRA3_RAT	chembl	P24524	Glycine receptor alpha-3 chain precursor
GLRB_RAT	chembl	P20781	Glycine receptor beta chain precursor (Glycine receptor 58 kDa subunit)
GLR_MOUSE	chembl	Q63960	Glucagon receptor precursor (GL-R)
GLR_RAT	chembl	P30082	Glucagon receptor precursor (GL-R)
GLUCB_CAEEL	chembl	Q17328	glutamate-gated chloride channel (49.8 kD) (glc-2) [Caenorhabditis elegans]
GNRHR_RAT	chembl	P30969	Gonadotropin-releasing hormone receptor (GnRH receptor) (GnRH-R)
GPR44_MOUSE	chembl	Q9Z2J6	Putative G-protein coupled receptor 44 (Chemoattractant receptor- homologous molecule expressed on Th2 cells) (CD294 antigen).
GRAM3_HUMAN	chembl	Q96HH9	HCV NS3-transactivated protein 2 [Homo sapiens]
GRB2_HUMAN	chembl	P62993	growth factor receptor-bound protein 2 isoform 2 [Homo sapiens]
GRIA1_HUMAN	chembl	Q2NKM6	Glutamate receptor 1 precursor (GluR-1) (GluR-A) (GluR-K1) (Glutamate receptor ionotropic, AMPA 1)
GRIA1_MOUSE	chembl	P23818	glutamate receptor, ionotropic, AMPA1 (alpha 1) [Mus musculus]

GRIA2_HUMAN	chembl	Q96FP6	Glutamate receptor 2 precursor (GluR-2) (GluR-B) (GluR-K2) (Glutamate receptor ionotropic, AMPA 2)
GRIA2_MOUSE	chembl	Q61604	Glutamate receptor 2 precursor (GluR-2) (GluR-B) (GluR-K2) (Glutamate receptor ionotropic, AMPA 2)
GRIA2_RAT	chembl	Q9R174	Glutamate receptor 2 precursor (GluR-2) (GluR-B) (GluR-K2) (Glutamate receptor ionotropic, AMPA 2)
GRIA3_HUMAN	chembl	Q4VXD5	Glutamate receptor 3 precursor (GluR-3) (GluR-C) (GluR-K3) (Glutamate receptor ionotropic, AMPA 3)
GRIA3_MOUSE	chembl	Q5DTJ0	glutamate receptor, ionotropic, AMPA3 (alpha 3) [Mus musculus]
GRIA3_RAT	chembl	P19492	Glutamate receptor 3 precursor (GluR-3) (GluR-C) (GluR-K3) (Glutamate receptor ionotropic, AMPA 3)
GRIA4_HUMAN	chembl	P48058	Glutamate receptor 4 precursor (GluR-4) (GluR4) (GluR-D) (Glutamate receptor ionotropic, AMPA 4)
GRIA4_MOUSE	chembl	Q9Z2W8	glutamate receptor, ionotropic, AMPA4 (alpha 4) [Mus musculus]
GRIA4_RAT	chembl	P19493	Glutamate receptor 4 precursor (GluR-4) (GluR4) (GluR-D) (Glutamate receptor ionotropic, AMPA 4)
GRID1_HUMAN	chembl	Q9ULK0	Glutamate receptor delta-1 subunit precursor (GluR delta-1)
GRIK1_RAT	chembl	P22756	Glutamate receptor, ionotropic kainate 1 precursor (Glutamate receptor 5) (GluR-5) (GluR5)
GRIK2_HUMAN	chembl	Q8WWS1	Glutamate receptor, ionotropic kainate 2 precursor (Glutamate receptor 6) (GluR-6) (GluR6) (Excitatory amino acid receptor 4) (EAA4)
GRIK2_RAT	chembl	P42260	Glutamate receptor, ionotropic kainate 2 precursor (Glutamate receptor 6) (GluR-6) (GluR6)
GRIK3_HUMAN	chembl	Q16136	Glutamate receptor, ionotropic kainate 3 precursor (Glutamate receptor 7) (GluR-7) (GluR7) (Excitatory amino acid receptor 5) (EAA5)
GRIK3_RAT	chembl	O35420	Glutamate receptor, ionotropic kainate 3 precursor (Glutamate receptor 7) (GluR-7) (GluR7)
GRIK4_HUMAN	chembl	Q16099	Glutamate receptor, ionotropic kainate 4 precursor (Glutamate receptor KA-1) (KA1) (Excitatory amino acid receptor 1) (EAA1)
GRIK4_RAT	chembl	Q62642	Glutamate receptor, ionotropic kainate 4 precursor (Glutamate receptor KA-1) (KA1)
GRIK5_HUMAN	chembl	Q16478	Glutamate receptor, ionotropic kainate 5 precursor (Glutamate receptor KA-2) (KA2) (Excitatory amino acid receptor 2) (EAA2)

GRIK5_RAT	chembl	Q63273	Glutamate receptor, ionotropic kainate 5 precursor (Glutamate receptor KA-2) (KA2)
GRL1A_RAT	chembl	Q91XQ4	glutamate receptor, ionotropic, N-methyl D-aspartate-like 1A [Rattus norvegicus]
GRM1_HUMAN	chembl	Q14757	Metabotropic glutamate receptor 1 precursor (mGluR1)
GRM1_MOUSE	chembl	Q6AXG4	Metabotropic glutamate receptor 1 precursor (mGluR1)
GRM1_RAT	chembl	P23385	Metabotropic glutamate receptor 1 precursor (mGluR1)
GRM2_HUMAN	chembl	Q14CU5	Metabotropic glutamate receptor 2 precursor (mGluR2)
GRM2_RAT	chembl	P31421	Metabotropic glutamate receptor 2 precursor (mGluR2)
GRM3_MOUSE	chembl	Q14DJ9	Metabotropic glutamate receptor 3 precursor (mGluR3)
GRM3_RAT	chembl	P31422	Metabotropic glutamate receptor 3 precursor (mGluR3)
GRM4_HUMAN	chembl	Q14833	Metabotropic glutamate receptor 4 precursor (mGluR4)
GRM5_HUMAN	chembl	P41594	Metabotropic glutamate receptor 5 precursor (mGluR5)
GRM6_HUMAN	chembl	O15303	Metabotropic glutamate receptor 6 precursor (mGluR6)
GRM7_HUMAN	chembl	Q8NFS2	Metabotropic glutamate receptor 7 precursor (mGluR7)
GRM7_MOUSE	chembl	Q68ED2	glutamate receptor, metabotropic 7 [Mus musculus]
GRM7_RAT	chembl	P35400	Metabotropic glutamate receptor 7 precursor (mGluR7)
GRM8_MOUSE	chembl	P47743	Metabotropic glutamate receptor 8 precursor (mGluR8)
GRM8_RAT	chembl	P70579	Metabotropic glutamate receptor 8 precursor (mGluR8)
GRPR_HUMAN	chembl	B2R910	Gastrin-releasing peptide receptor (GRP-R) (GRP-preferring bombesin receptor)
GSK3B_HUMAN	chembl	Q9BWH3	Glycogen synthase kinase-3 beta (GSK-3 beta)
GSK3B_RAT	chembl	P18266	Glycogen synthase kinase-3 beta (GSK-3 beta) (Factor A) (FA)
GSTA1_HUMAN	chembl	Q14750	Glutathione S-transferase A1 (GTH1) (HA subunit 1) (GST-epsilon) (GSTA1-1) (GST class-alpha)

GSTP1_HUMAN	chembl	Q5TZY3	Glutathione S-transferase P (GST class-pi) (GSTP1-1)
GTR1_HUMAN	chembl	O75535	Solute carrier family 2, facilitated glucose transporter, member 1 (Glucose transporter type 1, erythrocyte/brain) (HepG2 glucose transporter)
GYRB_ECOLI	chembl	Q2M811	DNA gyrase subunit B
HDA10_HUMAN	chembl	Q9UGX2	Histone deacetylase 10 (HD10)
HDA11_HUMAN	chembl	Q9H6I7	Histone deacetylase 11 (HD11)
HDAC1_CHICK	chembl	P56517	Histone deacetylase 1 (HD1)
HDAC2_CHICK	chembl	P56519	Histone deacetylase 2 (HD2)
HDAC2_HUMAN	chembl	Q92769	Histone deacetylase 2 (HD2)
HDAC2_MOUSE	chembl	P70288	Histone deacetylase 2 (HD2) (YY1 transcription factor binding protein)
HDAC3_CHICK	chembl	P56520	Histone deacetylase 3 (HD3)
HDAC3_HUMAN	chembl	Q9UEI5	Histone deacetylase 3 (HD3) (RPD3-2) (SMAP45)
HDAC3_RAT	chembl	Q99PA0	histone deacetylase 3 [Rattus norvegicus]
HDAC4_CHICK	chembl	P83038	Histone deacetylase 4 (HD4)
HDAC4_RAT	chembl	Q99P99	histone deacetylase 4 [Rattus norvegicus]
HDAC5_HUMAN	chembl	O60528	Histone deacetylase 5 (HD5) (Antigen NY-CO-9)
HDAC5_MOUSE	chembl	Q9Z2V6	Histone deacetylase 5 (HD5) (Histone deacetylase mHDA1)
HDAC6_MOUSE	chembl	Q9Z2V5	Histone deacetylase 6 (HD6) (Histone deacetylase mHDA2)
HDAC7_HUMAN	chembl	Q6W9G7	Histone deacetylase 7a (HD7a)
HDAC8_MOUSE	chembl	Q3V270	Histone deacetylase 8 (HD8)
HDAC9_HUMAN	chembl	Q86SL1	Histone deacetylase 9 (HD9) (HD7B) (HD7)
HG2A_HUMAN	chembl	Q8WLP6	HLA class II histocompatibility antigen gamma chain (HLA-DR antigens- associated invariant chain) (Ia antigen-associated invariant chain) (Ii) (p33) (CD74 antigen).
HIF1A_HUMAN	chembl	Q53XP6	Hypoxia-inducible factor 1 alpha (HIF-1 alpha) (HIF1 alpha) (ARNT interacting protein) (Member of PAS protein 1) (MOP1)
HIS7_CRYNE	chembl	Q5KCM8	Imidazoleglycerol-phosphate dehydratase (IGPD)
HIS7_YEAST	chembl	Q70D78	Imidazoleglycerol-phosphate dehydratase (IGPD)
HISX_BRAOC	chembl	P24226	Histidinol dehydrogenase, chloroplast precursor (HDH)
HMDH_HUMAN	chembl	P04035	3-hydroxy-3-methylglutaryl-coenzyme A reductase (HMG-CoA reductase)

HMOX1_RAT	chembl	Q5BK87	Heme oxygenase 1 (HO-1) (HSP32)
HMOX2_RAT	chembl	P23711	Heme oxygenase 2 (HO-2)
HPRT_HUMAN	chembl	B2R8M9	Hypoxanthine-guanine phosphoribosyltransferase (HGPRT) (HGPRTase)
HPSE_HUMAN	chembl	Q9Y251	heparanase [Homo sapiens]
HRH1_CAVPO	chembl	P31389	Histamine H1 receptor
HRH1_RAT	chembl	P31390	Histamine H1 receptor
HRH2_RAT	chembl	P25102	Histamine H2 receptor (H2R) (Gastric receptor I)
HRH3_HUMAN	chembl	Q4QRI7	Histamine H3 receptor (HH3R) (G protein-coupled receptor 97)
HRH3_RAT	chembl	Q9QYN9	Histamine H3 receptor (HH3R)
HRH4_RAT	chembl	Q91ZY1	histamine H4 receptor [Rattus norvegicus]
HS90A_HUMAN	chembl	Q5CAQ6	Heat shock protein HSP 90-alpha (HSP 86)
HS90B_HUMAN	chembl	B2R5P0	Heat shock protein HSP 90-beta (HSP 84) (HSP 90)
HSC82_YEAST	chembl	P15108	ATP-dependent molecular chaperone HSC82 (Heat shock protein Hsp90 constitutive isoform) (82 kDa heat shock cognate protein)
HSP82_YEAST	chembl	P02829	ATP-dependent molecular chaperone HSP82 (Heat shock protein Hsp90 heat inducible isoform) (82 kDa heat shock protein)
HYES_HUMAN	chembl	Q16764	Soluble epoxide hydrolase (SEH) (Epoxide hydratase) (Cytosolic epoxide hydrolase) (CEH)
IBP5_HUMAN	chembl	P24593	Insulin-like growth factor binding protein 5 precursor (IGFBP-5) (IBP-5) (IGF-binding protein 5)
IGF1R_HUMAN	chembl	Q9UCC0	Insulin-like growth factor I receptor precursor (CD221 antigen)
IKKA_HUMAN	chembl	Q13132	Inhibitor of nuclear factor kappa-B kinase alpha subunit (I kappa-B kinase alpha) (IkbKA) (IKK-alpha) (IKK-A) (IkappaB kinase) (I-kappa-B kinase 1) (IKK1) (Conserved helix-loop-helix ubiquitous kinase) (Nuclear factor NFkappaB inhibitor kinase alpha) ...
IL2RA_HUMAN	chembl	Q5W007	Interleukin-2 receptor alpha chain precursor (IL-2 receptor alpha subunit) (P55) (TAC antigen) (CD25 antigen)
IL2RA_MOUSE	chembl	Q61731	Interleukin-2 receptor alpha chain precursor (IL-2 receptor alpha subunit) (P55) (TAC antigen) (CD25)
IL2_MOUSE	chembl	Q791T3	Interleukin-2 precursor (IL-2) (T-cell growth factor) (TCGF)

IMDH1_MOUSE	chembl	P50096	Inosine-5-monophosphate dehydrogenase 1 (IMP dehydrogenase 1) (IMPDH-I) (IMPD 1)
IMDH2_MOUSE	chembl	Q61734	Inosine-5-monophosphate dehydrogenase 2 (IMP dehydrogenase 2) (IMPDH-II) (IMPD 2)
IMPA1_BOVIN	chembl	Q17QE4	Inositol-1(or 4)-monophosphatase (IMPase) (IMP) (Inositol monophosphatase) (Lithium-sensitive myo-inositol monophosphatase A1)
IMPA2_HUMAN	chembl	Q9UJT3	Inositol-1(or 4)-monophosphatase 2 (IMPase 2) (IMP 2) (Inositol monophosphatase 2) (Myo-inositol monophosphatase A2)
INCE_HUMAN	chembl	A8MQD2	Inner centromere protein.
INHA_MYCTU	chembl	P46533	Enoyl-[acyl-carrier-protein] reductase [NADH] (NADH-dependent enoyl-ACP reductase)
INSR_HUMAN	chembl	P06213	Insulin receptor precursor (IR) (CD220 antigen)
IRAK4_HUMAN	chembl	Q9Y589	Interleukin-1 receptor-associated kinase-4 (IRAK-4) (NY-REN-64 antigen)
IRK11_HUMAN	chembl	Q2M1H7	ATP-sensitive inward rectifier potassium channel 11 (Potassium channel, inwardly rectifying, subfamily J, member 11) (Inward rectifier K(+) channel Kir6.2) (IKATP)
IRK8_HUMAN	chembl	Q15842	ATP-sensitive inward rectifier potassium channel 8 (Potassium channel, inwardly rectifying, subfamily J, member 8) (Inwardly rectifier K(+) channel Kir6.1) (uKATP-1)
ITAL_HUMAN	chembl	Q45H73	Integrin alpha-L precursor (Leukocyte adhesion glycoprotein LFA-1 alpha chain) (LFA-1A) (Leukocyte function associated molecule 1, alpha chain) (CD11a)
ITB1_RAT	chembl	P49134	Integrin beta-1 precursor (Fibronectin receptor beta subunit) (CD29 antigen) (Integrin VLA-4 beta subunit)
ITB2_HUMAN	chembl	Q9UD72	Integrin beta-2 precursor (Cell surface adhesion glycoproteins LFA-1/CR3/p150,95 beta-subunit) (CD18) (Complement receptor C3 beta-subunit)
ITK_HUMAN	chembl	Q08881	Tyrosine-protein kinase ITK/TSK (T-cell-specific kinase) (Tyrosine-protein kinase Lck) (Kinase EMT)
ITPR1_BOVIN	chembl	Q9TU34	Inositol 1,4,5-trisphosphate receptor type 1 (Type 1 inositol 1,4,5-trisphosphate receptor) (Type 1 InsP3 receptor) (IP3 receptor isoform 1) (InsP3R1)
ITPR1_HUMAN	chembl	Q99897	Inositol 1,4,5-trisphosphate receptor type 1 (Type 1

ITPR1_RAT	chembl	P29994	inositol 1,4,5-trisphosphate receptor) (Type 1 InsP3 receptor) (IP3 receptor isoform 1) (InsP3R1) (IP3R)
ITPR2_BOVIN	chembl	Q8WN96	Inositol 1,4,5-trisphosphate receptor type 1 (Type 1 inositol 1,4,5-trisphosphate receptor) (Type 1 InsP3 receptor) (IP3 receptor isoform 1) (InsP3R1) (IP-3-R)
ITPR2_RAT	chembl	Q99P56	inositol 1,4,5-triphosphate receptor, type 2 [Bos taurus]
ITPR3_BOVIN	chembl	Q8WN95	Inositol 1,4,5-trisphosphate receptor type 2 (Type 2 inositol 1,4,5-trisphosphate receptor) (Type 2 InsP3 receptor) (IP3 receptor isoform 2) (InsP3R2)
ITPR3_HUMAN	chembl	Q14573	inositol 1,4,5-triphosphate receptor, type 3 [Bos taurus]
ITPR3_RAT	chembl	Q63269	Inositol 1,4,5-trisphosphate receptor type 3 (Type 3 inositol 1,4,5-trisphosphate receptor) (Type 3 InsP3 receptor) (IP3 receptor isoform 3) (InsP3R3)
JAK2_HUMAN	chembl	O75297	Inositol 1,4,5-trisphosphate receptor type 3 (Type 3 inositol 1,4,5-trisphosphate receptor) (Type 3 InsP3 receptor) (IP3 receptor isoform 3) (InsP3R3) (IP3R-3)
JAK3_HUMAN	chembl	Q13260	Tyrosine-protein kinase JAK2 (Janus kinase 2) (JAK-2)
KAP2_BOVIN	chembl	P00515	Tyrosine-protein kinase JAK3 (Janus kinase 3) (JAK-3) (Leukocyte janus kinase) (L-JAK)
KAP3_BOVIN	chembl	P31322	cAMP-dependent protein kinase type II-alpha regulatory subunit
KAPCA_HUMAN	chembl	Q32P54	cAMP-dependent protein kinase type II-beta regulatory subunit
KAPCA_RAT	chembl	P27791	cAMP-dependent protein kinase, alpha-catalytic subunit (PKA C-alpha)
KAPCB_BOVIN	chembl	P24256	cAMP-dependent protein kinase, alpha-catalytic subunit (PKA C-alpha)
KAPCB_HUMAN	chembl	Q7Z3M1	cAMP-dependent protein kinase, beta-1 catalytic subunit (PKA C-beta-1)
KAPCG_HUMAN	chembl	O60850	cAMP-dependent protein kinase, beta-catalytic subunit (PKA C-beta)
KC1A_HUMAN	chembl	Q5U046	cAMP-dependent protein kinase, gamma-catalytic subunit (PKA C-gamma)
KC1D_HUMAN	chembl	Q96KZ6	Casein kinase I, alpha isoform (CKI-alpha) (CK1)
			Casein kinase I, delta isoform (CKI-delta) (CKId)

KC1E_HUMAN	chembl	P49674	Casein kinase I, epsilon isoform (CKI-epsilon) (CKIε)
KC1G1_HUMAN	chembl	Q9HCP0	Casein kinase I, gamma 1 isoform (CKI-gamma 1)
KC1G2_HUMAN	chembl	B5BU42	Casein kinase I, gamma 2 isoform (CKI-gamma 2)
KCC1A_HUMAN	chembl	Q14012	Calcium/calmodulin-dependent protein kinase type 1 (CaM kinase I) (CaM-KI) (CaM kinase I alpha) (CaMKI-alpha)
KCC1D_HUMAN	chembl	B0YIY0	Calcium/calmodulin-dependent protein kinase type 1D (EC 2.7.11.17) (CaM kinase ID) (CaM kinase I delta) (CaMKI-delta) (CaM-KI delta) (CaMKI delta) (Camk1D) (CamKI-like protein kinase) (CKLiK).
KCC2A_HUMAN	chembl	Q9Y2H4	Calcium/calmodulin-dependent protein kinase type II alpha chain (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II alpha subunit)
KCC2A_MOUSE	chembl	Q61284	Calcium/calmodulin-dependent protein kinase type II alpha chain (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II alpha subunit)
KCC2A_RAT	chembl	P11275	Calcium/calmodulin-dependent protein kinase type II alpha chain (CaM-kinase II alpha chain) (CaM kinase II alpha subunit) (CaMK-II alpha subunit)
KCC2B_HUMAN	chembl	Q9UGH9	Calcium/calmodulin-dependent protein kinase type II beta chain (CaM-kinase II beta chain) (CaM kinase II beta subunit) (CaMK-II beta subunit)
KCC2B_MOUSE	chembl	P28652	Calcium/calmodulin-dependent protein kinase type II beta chain (CaM-kinase II beta chain) (CaM kinase II beta subunit) (CaMK-II beta subunit)
KCC2D_HUMAN	chembl	Q52PK4	Calcium/calmodulin-dependent protein kinase type II delta chain (CaM-kinase II delta chain) (CaM kinase II delta subunit) (CaMK-II delta subunit)
KCC2G_MOUSE	chembl	Q8VED3	Calcium/calmodulin-dependent protein kinase type II gamma chain (CaM-kinase II gamma chain) (CaM kinase II gamma subunit) (CaMK-II gamma subunit)
KCC4_HUMAN	chembl	Q16566	Calcium/calmodulin-dependent protein kinase type IV (CAM kinase-GR) (CaMK IV)
KCMA1_HUMAN	chembl	Q5JQ23	Calcium-activated potassium channel alpha subunit 1 (Calcium-activated potassium channel, subfamily M, alpha subunit 1) (Maxi K channel) (MaxiK) (BK channel) (K(VCA)alpha) (BKCA alpha) (KCa1.1) (Slowpoke homolog) (Slo homolog) (Slo-alpha) (Slo1) (hSlo)

KCNA1_HUMAN	chembl	Q3MIQ9	Potassium voltage-gated channel subfamily A member 1 (Voltage-gated potassium channel subunit Kv1.1) (HUKI) (HBK1)
KCNA2_HUMAN	chembl	P16389	Potassium voltage-gated channel subfamily A member 2 (Voltage-gated potassium channel subunit Kv1.2) (HBK5) (NGK1) (HUKIV)
KCNA3_HUMAN	chembl	Q5VWN2	Potassium voltage-gated channel subfamily A member 3 (Voltage-gated potassium channel subunit Kv1.3) (HPCN3) (HGK5) (HuKIII) (HLK3)
KCNA5_HUMAN	chembl	Q4VAJ2	Potassium voltage-gated channel subfamily A member 5 (Voltage-gated potassium channel subunit Kv1.5) (HK2) (HPCN1)
KCND3_HUMAN	chembl	O60576	Potassium voltage-gated channel subfamily D member 3 (Voltage-gated potassium channel subunit Kv4.3)
KCNE1_HUMAN	chembl	P15382	Potassium voltage-gated channel subfamily E member 1 (IKs producing slow voltage-gated potassium channel beta subunit Mink) (Minimal potassium channel) (Delayed rectifier potassium channel subunit Isk)
KCNH2_HUMAN	chembl	O75680	Potassium voltage-gated channel subfamily H member 2 (Voltage-gated potassium channel subunit Kv11.1) (Ether-a-go-go related gene potassium channel 1) (H-ERG) (Erg1) (Ether-a-go-go related protein 1) (Eag related protein 1) (eag homolog)
KCNN1_HUMAN	chembl	Q6DJU4	Small conductance calcium-activated potassium channel protein 1 (SK1)
KCNN1_RAT	chembl	P70606	Small conductance calcium-activated potassium channel protein 1 (SK1)
KCNN2_HUMAN	chembl	Q0VFZ4	Small conductance calcium-activated potassium channel protein 2 (SK2)
KCNN2_RAT	chembl	P70604	Small conductance calcium-activated potassium channel protein 2 (SK2)
KCNN3_HUMAN	chembl	Q9UGI6	Small conductance calcium-activated potassium channel protein 3 (SK3) (SKCa3)
KCNN3_RAT	chembl	P70605	Small conductance calcium-activated potassium channel protein 3 (SK3)
KCNN4_HUMAN	chembl	Q53XR4	Intermediate conductance calcium-activated potassium channel protein 4 (SK4) (KCa4) (IK1)

KCNN4_RAT	chembl	Q9R198	(IKCa1) (Putative Gardos channel) potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4 [Rattus norvegicus]
KCNQ1_CAVPO	chembl	Q9QYG3	Potassium voltage-gated channel subfamily KQT member 1 (Voltage-gated potassium channel subunit Kv7.1) (IKs producing slow voltage-gated potassium channel alpha subunit KvLQT1) (KQT-like 1)
KCNQ1_HUMAN	chembl	O94787	Potassium voltage-gated channel subfamily KQT member 1 (Voltage-gated potassium channel subunit Kv7.1) (IKs producing slow voltage-gated potassium channel alpha subunit KvLQT1) (KQT-like 1)
KGP1A_BOVIN	chembl	P00516	cGMP-dependent protein kinase 1, alpha isozyme (CGK 1 alpha) (CGKI-alpha)
KGP1A_HUMAN	chembl	Q13976	cGMP-dependent protein kinase 1, alpha isozyme (CGK 1 alpha) (cGKI-alpha)
KGP1B_BOVIN	chembl	P21136	cGMP-dependent protein kinase 1, beta isozyme (CGK 1 beta) (cGKI-beta)
KGP1B_HUMAN	chembl	Q5JSJ6	cGMP-dependent protein kinase 1, beta isozyme (CGK 1 beta) (cGKI-beta)
KGP2_HUMAN	chembl	Q13237	cGMP-dependent protein kinase 2 (CGK 2) (cGKII) (Type II cGMP-dependent protein kinase)
KIF11_HUMAN	chembl	Q5VWX0	Kinesin-like protein KIF11 (Kinesin-related motor protein Eg5) (Kinesin-like spindle protein HKSP) (Thyroid receptor interacting protein 5) (TRIP5) (Kinesin-like protein 1)
KITH_HHV1S	chembl	P06479	Thymidine kinase
KITH_HUMAN	chembl	Q9UMG9	Thymidine kinase, cytosolic
KITH_VZVD	chembl	P14343	Thymidine kinase
KIT_HUMAN	chembl	Q9UM99	Mast/stem cell growth factor receptor precursor (SCFR) (Proto-oncogene tyrosine-protein kinase Kit) (c-kit) (CD117 antigen)
KKCC2_HUMAN	chembl	Q8WY03	Calcium/calmodulin-dependent protein kinase kinase 2 (EC 2.7.11.17) (Calcium/calmodulin-dependent protein kinase kinase beta) (CaM-kinase kinase beta) (CaM-KK beta) (CaMKK beta).
KLK10_HUMAN	chembl	A6NC12	Kallikrein 10 precursor (Protease serine-like 1) (Normal epithelial cell-specific 1)

KLK11_HUMAN	chembl	Q9UBX7	Kallikrein 11 precursor (Hippostasin) (Trypsin-like protease) (UNQ649/PRO1279)
KLK12_HUMAN	chembl	Q9UKR1	Kallikrein 12 precursor (Kallikrein-like protein 5) (KLK-L5) (UNQ669/PRO1303)
KLK13_HUMAN	chembl	Q9UKR3	Kallikrein 13 precursor (Kallikrein-like protein 4) (KLK-L4)
KLK14_HUMAN	chembl	Q9P0G3	Kallikrein 14 precursor (Kallikrein-like protein 6) (KLK-L6)
KLK15_HUMAN	chembl	Q9HBG9	Kallikrein 15 precursor (ACO protease)
KLK1_HUMAN	chembl	Q9NQU4	Kallikrein 1 precursor (Tissue kallikrein) (Kidney/pancreas/salivary gland kallikrein)
KLK2_HUMAN	chembl	P20151	Kallikrein 2 precursor (Tissue kallikrein 2) (Glandular kallikrein-1) (hGK-1)
KLK4_HUMAN	chembl	Q4VB16	Kallikrein 4 precursor (Prostase) (Kallikrein-like protein 1) (KLK-L1) (Enamel matrix serine proteinase 1)
KLK5_HUMAN	chembl	Q9HBG8	Kallikrein 5 precursor (Stratum corneum tryptic enzyme) (Kallikrein-like protein 2) (KLK-L2) (UNQ570/PRO1132)
KLK6_HUMAN	chembl	Q6H301	Kallikrein 6 precursor (Protease M) (Neurosin) (Zyme) (SP59)
KLK7_HUMAN	chembl	Q8N5N9	Kallikrein 7 precursor (Stratum corneum chymotryptic enzyme) (hSCCE)
KLK8_HUMAN	chembl	Q8IW69	Neuropsin precursor (NP) (Kallikrein 8) (Ovasin) (Serine protease TADG-14) (Tumor-associated differentially expressed gene-14 protein) (UNQ283/PRO322)
KLK9_HUMAN	chembl	Q9UKQ9	Kallikrein 9 precursor (Kallikrein-like protein 3) (KLK-L3)
KLKB1_HUMAN	chembl	B2R8H9	Plasma kallikrein precursor (Plasma prekallikrein) (Kininogenin) (Fletcher factor)
KMO_RAT	chembl	O88867	kynurenine 3-monooxygenase (kynurenine 3-hydroxylase) [Rattus norvegicus]
KPCA_BOVIN	chembl	P04409	Protein kinase C, alpha type (PKC-alpha) (PKC-A)
KPCA_MOUSE	chembl	P20444	Protein kinase C, alpha type (PKC-alpha) (PKC-A)
KPCA_RAT	chembl	P05696	Protein kinase C, alpha type (PKC-alpha) (PKC-A)
KPCB_MOUSE	chembl	A0JNZ5	Protein kinase C, beta type (PKC-beta) (PKC-B)
KPCB_RAT	chembl	P68403	Protein kinase C, beta type (PKC-beta) (PKC-B)
KPCD1_HUMAN	chembl	B2RAF6	Protein kinase C, mu type (nPKC-mu) (Protein kinase D)

KPCD_MOUSE	chembl	Q91V85	Protein kinase C, delta type (nPKC-delta)
KPCD_RAT	chembl	P09215	Protein kinase C, delta type (nPKC-delta)
KPCE_RAT	chembl	P09216	Protein kinase C, epsilon type (nPKC-epsilon)
KPCG_MOUSE	chembl	P63318	Protein kinase C, gamma type (PKC-gamma)
KPCG_RAT	chembl	P63319	Protein kinase C, gamma type (PKC-gamma)
KPCI_HUMAN	chembl	Q8WW06	Protein kinase C, iota type (nPKC-iota) (Atypical protein kinase C-lambda/iota) (aPKC-lambda/iota) (PRKC-lambda/iota)
KPCL_MOUSE	chembl	P23298	Protein kinase C, eta type (nPKC-eta) (PKC-L)
KPCL_RAT	chembl	Q64617	Protein kinase C, eta type (nPKC-eta) (PKC-L)
KPCZ_RAT	chembl	P09217	Protein kinase C, zeta type (nPKC-zeta)
KS6A1_HUMAN	chembl	Q15418	Ribosomal protein S6 kinase alpha 1 (S6K-alpha 1) (90 kDa ribosomal protein S6 kinase 1) (p90-RSK 1) (Ribosomal S6 kinase 1) (RSK-1) (pp90RSK1)
KS6A2_HUMAN	chembl	Q96J38	Ribosomal protein S6 kinase alpha 2 (S6K-alpha 2) (90 kDa ribosomal protein S6 kinase 2) (p90-RSK 2) (Ribosomal S6 kinase 3) (RSK-3) (pp90RSK3)
KS6A3_HUMAN	chembl	Q4VAP3	Ribosomal protein S6 kinase alpha 3 (S6K-alpha 3) (90 kDa ribosomal protein S6 kinase 3) (p90-RSK 3) (Ribosomal S6 kinase 2) (RSK-2) (pp90RSK2)
KS6A4_HUMAN	chembl	O75676	(Insulin-stimulated protein kinase 1) (ISPK-1)
KS6A6_HUMAN	chembl	Q9UK32	Ribosomal protein S6 kinase alpha 4 (Nuclear mitogen-and stress-activated protein kinase-2) (90 kDa ribosomal protein S6 kinase 4) (Ribosomal protein kinase B) (RSKB)
KS6B2_HUMAN	chembl	Q9UBS0	Ribosomal protein S6 kinase alpha 6 (S6K-alpha 6) (90 kDa ribosomal protein S6 kinase 6) (p90-RSK 6) (Ribosomal S6 kinase 4) (RSK-4) (pp90RSK4)
KTHY_MYCTU	chembl	Q7D5U8	Ribosomal protein S6 kinase 2 (S6K2) (70 kDa ribosomal protein S6 kinase 2) (p70-S6KB) (p70 ribosomal S6 kinase beta) (p70 S6Kbeta) (p70 S6 kinase beta) (S6K-beta) (p70-beta) (S6 kinase-related kinase) (SRK) (Serine/threonine-protein kinase 14 beta)
LACTB_HUMAN	chembl	P83111	Thymidylate kinase (Thymidine monophosphate kinase) (dTMP kinase) (TMPK)
LCK_HUMAN	chembl	Q5TDH8	Serine beta-lactamase-like protein LACTB (UNQ843/PRO1781)
			Proto-oncogene tyrosine-protein kinase LCK (P56-LCK) (LSK) (T cell-specific protein-tyrosine kinase)

LCK_MOUSE	chembl	Q62320	Proto-oncogene tyrosine-protein kinase LCK (P56-LCK) (LSK)
LGUL_HUMAN	chembl	Q5TZW3	Lactoylglutathione lyase (Methylglyoxalase) (Aldoketomutase) (Glyoxalase I) (Glx I) (Ketone-aldehyde mutase) (S-D-lactoylglutathione methylglyoxal lyase)
LKHA4_HUMAN	chembl	Q6IAT6	Leukotriene A-4 hydrolase (LTA-4 hydrolase) (Leukotriene A(4) hydrolase)
LKHA4_RAT	chembl	P30349	Leukotriene A-4 hydrolase (LTA-4 hydrolase) (Leukotriene A(4) hydrolase)
LOX12_HUMAN	chembl	Q6ISF8	Arachidonate 12-lipoxygenase, 12S-type (12-LOX) (Platelet-type lipoxygenase 12)
LOX12_PIG	chembl	P16469	Arachidonate 12-lipoxygenase, 12S-type (12-LOX)
LOX15_HUMAN	chembl	A8K2P4	Arachidonate 15-lipoxygenase (Arachidonate omega-6 lipoxygenase) (15-LOX)
LOX15_RABIT	chembl	P12530	Arachidonate 15-lipoxygenase (Omega-6 lipoxygenase) (Erythroid cell-specific 15-lipoxygenase) (15-LOX)
LOX5_MOUSE	chembl	P48999	Arachidonate 5-lipoxygenase (5-lipoxygenase) (5-LO)
LOX5_RAT	chembl	P12527	Arachidonate 5-lipoxygenase (5-lipoxygenase) (5-LO)
LPXC_ECOLI	chembl	P0A725	UDP-3-O-[3-hydroxymyristoyl] N-acetylglucosamine deacetylase (UDP-3-O-acyl-GlcNAc deacetylase) (envA protein)
LT4R2_HUMAN	chembl	Q9NPC1	Leukotriene B4 receptor 2 (LTB4-R2) (Seven transmembrane receptor BLTR2) (Leukotriene B4 receptor BLT2) (LTB4 receptor JULF2)
LX12L_RAT	chembl	Q02759	Arachidonate 12-lipoxygenase (12-LOX)
LX15B_HUMAN	chembl	Q8IYQ2	Arachidonate 15-lipoxygenase, type II (15-LOX-2) (15-lipoxygenase 2)
LYAG_HUMAN	chembl	Q16302	Lysosomal alpha-glucosidase precursor (Acid maltase)
LYAG_RAT	chembl	Q6P7A9	glucosidase, alpha, acid (Pompe disease, glycogen storage disease type II) [Rattus norvegicus]
LYAM1_HUMAN	chembl	P14151	L-selectin precursor (Lymph node homing receptor) (Leukocyte adhesion molecule-1) (LAM-1) (Leukocyte surface antigen Leu-8) (TQ1) (gp90-MEL) (Leukocyte-endothelial cell adhesion molecule 1) (LECAM1) (CD62L antigen)

LYAM2_HUMAN	chembl	A2RRD6	E-selectin precursor (Endothelial leukocyte adhesion molecule 1) (ELAM-1) (Leukocyte-endothelial cell adhesion molecule 2) (LECAM2) (CD62E antigen)
LYAM3_HUMAN	chembl	Q8IVD1	P-selectin precursor (Granule membrane protein 140) (GMP-140) (PADGEM) (CD62P antigen) (Leukocyte-endothelial cell adhesion molecule 3) (LECAM3)
LYN_HUMAN	chembl	A0AVQ5	Tyrosine-protein kinase Lyn
M3K11_HUMAN	chembl	Q59F06	mitogen-activated protein kinase kinase kinase 11 [Homo sapiens]
M3K4_HUMAN	chembl	Q92612	Mitogen-activated protein kinase kinase kinase 4 (EC 2.7.11.25) (MAPK/ERK kinase kinase 4) (MEK kinase 4) (MEKK 4) (MAP three kinase 1).
M3K8_HUMAN	chembl	P41279	Mitogen-activated protein kinase kinase kinase 8 (EC 2.7.11.25) (COT proto-oncogene serine/threonine-protein kinase) (C-COT) (Cancer Osaka thyroid oncogene).
M4K5_HUMAN	chembl	Q9Y4K4	Mitogen-activated protein kinase kinase kinase kinase 5 (EC 2.7.11.1) (MAPK/ERK kinase kinase kinase 5) (MEK kinase kinase 5) (MEKKK 5) (Kinase homologous to SPS1/STE20) (KHS).
MADCA_HUMAN	chembl	O60222	Mucosal addressin cell adhesion molecule-1 precursor (MAdCAM-1) (hMAdCAM-1)
MAL12_YEAST	chembl	P53341	Alpha-glucosidase MAL12 (Maltase)
MAL32_YEAST	chembl	P38158	Alpha-glucosidase MAL32 (Maltase)
MAOX_HUMAN	chembl	Q9H1W3	NADP-dependent malic enzyme (EC 1.1.1.40) (NADP-ME) (Malic enzyme 1).
MARK2_HUMAN	chembl	Q96RG0	MAP/microtubule affinity-regulating kinase 2 isoform a [Homo sapiens]
MBLC2_HUMAN	chembl	Q68D91	similar to metallo-beta-lactamase superfamily protein [Homo sapiens]
MC3R_MOUSE	chembl	P33033	Melanocortin-3 receptor (MC3-R)
MC4R_MOUSE	chembl	Q9EQM7	Melanocortin-4 receptor (MC4-R)
MC4R_RAT	chembl	P70596	Melanocortin-4 receptor (MC4-R)
MCHR1_HUMAN	chembl	Q9BV08	Melanin-concentrating hormone receptor 1 (MCH receptor 1) (MCHR-1) (MCH-R1) (MCH1R) (MCH-1R) (MCHR) (G protein coupled receptor 24) (Somatostatin receptor-like protein) (SLC-1)
MCHR1_MOUSE	chembl	Q8JZL2	Melanin-concentrating hormone receptor 1 (MCH

MCL1_HUMAN	chembl	Q9UHR9	receptor 1) (MCHR-1) (MCH-R1) (MCH1R) (MCH-1R) (MCHR) (G-protein coupled receptor 24) (Somatostatin receptor-like protein) (SLC-1) Induced myeloid leukemia cell differentiation protein Mcl-1 (Bcl-2- related protein EAT/mcl1) (mcl1/EAT).
MCR_RAT	chembl	P22199	Mineralocorticoid receptor (MR)
MDM2_HUMAN	chembl	A8K2S6	Ubiquitin-protein ligase E3 Mdm2 (p53-binding protein Mdm2) (Oncoprotein Mdm2) (Double minute 2 protein) (Hdm2)
MDR2_MOUSE	chembl	P21440	Multidrug resistance protein 2 (P-glycoprotein 2)
METK1_RAT	chembl	Q5FVU2	S-adenosylmethionine synthetase alpha and beta forms (Methionine adenosyltransferase) (AdoMet synthetase) (MAT-I/III)
METK2_RAT	chembl	P18298	S-adenosylmethionine synthetase gamma form (Methionine adenosyltransferase) (AdoMet synthetase) (MAT-II)
MET_HUMAN	chembl	P08581	Hepatocyte growth factor receptor precursor (Met proto-oncogene tyrosine kinase) (c-met) (HGF receptor) (HGF-SF receptor)
MGA_HUMAN	chembl	Q86UM5	Maltase-glucoamylase, intestinal (Maltase) (Alpha-glucosidase) (Glucoamylase) (Glucan 1,4-alpha-glucosidase)
MGLL_RAT	chembl	Q8R431	Monoglyceride lipase (EC 3.1.1.23) (MGL).
MK03_HUMAN	chembl	P27361	Mitogen-activated protein kinase 3 (Extracellular signal-regulated kinase 1) (ERK-1) (Insulin-stimulated MAP2 kinase) (MAP kinase 1) (MAPK 1) (p44-ERK1) (ERT2) (p44-MAPK) (Microtubule-associated protein-2 kinase)
MK10_RAT	chembl	P49187	Mitogen-activated protein kinase 10 (Stress-activated protein kinase JNK3) (c-Jun N-terminal kinase 3) (SAPK-beta) (p54-beta)
MK11_HUMAN	chembl	O00284	Mitogen-activated protein kinase 11 (Mitogen-activated protein kinase p38 beta) (MAP kinase p38 beta) (p38b) (p38-2) (Stress-activated protein kinase-2)
MK11_MOUSE	chembl	Q9WUI1	Mitogen-activated protein kinase 11 (Mitogen-activated protein kinase p38 beta) (MAP kinase p38 beta) (p38B)
MK12_HUMAN	chembl	Q14260	Mitogen-activated protein kinase 12 (Extracellular signal-regulated kinase 6) (ERK-6) (ERK5) (Stress-

MK12_MOUSE	chembl	Q9D0M4	activated protein kinase-3) (Mitogen-activated protein kinase p38 gamma) (MAP kinase p38 gamma) Mitogen-activated protein kinase 12 (Extracellular signal-regulated kinase 6) (ERK-6) (Stress-activated protein kinase-3) (Mitogen-activated protein kinase p38 gamma) (MAP kinase p38 gamma)
MK13_HUMAN	chembl	O15264	Mitogen-activated protein kinase 13 (Stress-activated protein kinase-4) (Mitogen-activated protein kinase p38 delta) (MAP kinase p38 delta)
MK13_MOUSE	chembl	Q99M57	Mitogen-activated protein kinase 13 (Stress-activated protein kinase-4) (Mitogen-activated protein kinase p38 delta) (MAP kinase p38 delta)
MK14_MOUSE	chembl	B2KF37	Mitogen-activated protein kinase 14 (Mitogen-activated protein kinase p38alpha) (MAP kinase p38alpha) (CRK1)
MK14_RAT	chembl	P70618	Mitogen-activated protein kinase 14 (Mitogen-activated protein kinase p38alpha) (MAP kinase p38alpha)
MKNK2_HUMAN	chembl	Q9Y2N6	MAP kinase-interacting serine/threonine-protein kinase 2 (EC 2.7.11.1) (MAP kinase signal-integrating kinase 2) (Mnk2).
MLTK_HUMAN	chembl	Q9HCC5	sterile-alpha motif and leucine zipper containing kinase AZK [Homo sapiens]
MMP10_HUMAN	chembl	Q53HH9	Stromelysin-2 precursor (Matrix metalloproteinase-10) (MMP-10) (Transin-2) (SL-2)
MMP11_HUMAN	chembl	Q6PEZ6	Stromelysin-3 precursor (Matrix metalloproteinase-11) (MMP-11) (ST3) (SL-3)
MMP12_MOUSE	chembl	Q8BJB6	Macrophage metalloelastase precursor (MME) (Matrix metalloproteinase-12) (MMP-12)
MMP13_BOVIN	chembl	O77656	Collagenase 3 precursor (Matrix metalloproteinase-13) (MMP-13)
MMP13_HUMAN	chembl	P45452	Collagenase 3 precursor (Matrix metalloproteinase-13) (MMP-13)
MMP13_RAT	chembl	P23097	Collagenase 3 precursor (Matrix metalloproteinase-13) (MMP-13) (UMRCASE)
MMP17_HUMAN	chembl	Q9ULZ9	Matrix metalloproteinase-17 precursor (MMP-17) (Membrane-type matrix metalloproteinase 4) (MT-MMP 4) (Membrane-type-4 matrix

MMP8_RAT	chembl	O88766	metalloproteinase) (MT4-MMP) Neutrophil collagenase precursor (Matrix metalloproteinase-8) (MMP-8)
MMP9_RAT	chembl	P50282	Matrix metalloproteinase-9 precursor (MMP-9) (92 kDa type IV collagenase) (92 kDa gelatinase) (Gelatinase B) (GELB)
MOT1_HUMAN	chembl	Q9NSJ9	Monocarboxylate transporter 1 (MCT 1) (Solute carrier family 16 member 1).
MP2K1_HUMAN	chembl	Q02750	Dual specificity mitogen-activated protein kinase kinase 1 (MAP kinase kinase 1) (MAPKK 1) (ERK activator kinase 1) (MAPK/ERK kinase 1) (MEK1)
MP2K2_HUMAN	chembl	P36507	Dual specificity mitogen-activated protein kinase kinase 2 (MAP kinase kinase 2) (MAPKK 2) (ERK activator kinase 2) (MAPK/ERK kinase 2) (MEK2)
MPIP2_HUMAN	chembl	Q6RSS1	M-phase inducer phosphatase 2 (Dual specificity phosphatase Cdc25B)
MPIP2_MOUSE	chembl	P30306	M-phase inducer phosphatase 2 (Dual specificity phosphatase Cdc25B)
MPIP3_HUMAN	chembl	Q9H2F1	M-phase inducer phosphatase 3 (Dual specificity phosphatase Cdc25C)
MRAY_STAAR	chembl	Q6GHQ3	Phospho-N-acetylmuramoyl-pentapeptide-transferase (UDP-MurNAc-pentapeptide phosphotransferase)
MRAY_STRP3	chembl	Q8K6C7	Phospho-N-acetylmuramoyl-pentapeptide-transferase (UDP-MurNAc-pentapeptide phosphotransferase)
MSHR_MOUSE	chembl	Q01727	Melanocyte stimulating hormone receptor (MSH-R) (Melanotropin receptor) (Melanocortin-1 receptor) (MC1-R)
MTAP_HUMAN	chembl	Q5T3P3	S-methyl-5-thioadenosine phosphorylase (5-methylthioadenosine phosphorylase) (MTA phosphorylase) (MTAPase)
MTLR_HUMAN	chembl	O43193	Motilin receptor (G protein-coupled receptor 38)
MTP_BOVIN	chembl	P55156	Microsomal triglyceride transfer protein large subunit precursor
MTR1A_CHICK	chembl	P49285	Melatonin receptor type 1A (MEL-1A-R) (CKA)
MTR1A_HUMAN	chembl	B0M0L2	Melatonin receptor type 1A (Mel-1A-R) (Mel1a melatonin receptor)
MTR1B_CHICK	chembl	P51050	Melatonin receptor type 1B (MEL-1B-R)
MTR1C_CHICK	chembl	P49288	Melatonin receptor type 1C (MEL-1C-R) (CKB)

MURB_ECOLI	chembl	Q2M8R3	UDP-N-acetylenolpyruvoylglucosamine reductase (UDP-N-acetylmuramate dehydrogenase)
MURB_STAAU	chembl	P61431	UDP-N-acetylenolpyruvoylglucosamine reductase (UDP-N-acetylmuramate dehydrogenase)
MYLK2_HUMAN	chembl	Q569L1	Myosin light chain kinase 2, skeletal/cardiac muscle (MLCK2)
MYLK_HUMAN	chembl	Q15746	Myosin light chain kinase, smooth muscle and non-muscle isozymes (MLCK) [Contains: (Telokin) (Kinase related protein) (KRP)]
NALD2_HUMAN	chembl	Q9Y3Q0	N-acetylated-alpha-linked acidic dipeptidase II (NAALADase II)
NDUA4_HUMAN	chembl	Q6FHN5	NADH-ubiquinone oxidoreductase MLRQ subunit (EC 1.6.99.3) (Complex I-MLRQ) (CI-MLRQ)
NDUA6_HUMAN	chembl	P56556	NADH-ubiquinone oxidoreductase B14 subunit (EC 1.6.99.3) (Complex I-B14) (CI-B14)
NDUA8_HUMAN	chembl	Q9Y6N0	NADH-ubiquinone oxidoreductase 19 kDa subunit (EC 1.6.99.3) (Complex I-19KD) (CI-19KD)
NDUAA_HUMAN	chembl	O95299	(Complex I-PGIV) (CI-PGIV)
NDUAB_HUMAN	chembl	Q86Y39	NADH-ubiquinone oxidoreductase 42 kDa subunit, mitochondrial precursor (EC 1.6.99.3) (Complex I-42KD) (CI-42KD)
NDUB5_HUMAN	chembl	O43674	NADH-ubiquinone oxidoreductase subunit B14.7 (EC 1.6.99.3) (Complex I-B14.7) (CI-B14.7)
NDUB6_HUMAN	chembl	Q61B84	NADH-ubiquinone oxidoreductase SGDHD subunit, mitochondrial precursor (EC 1.6.99.3) (Complex I-SGDH) (CI-SGDH)
NDUB7_HUMAN	chembl	P17568	NADH-ubiquinone oxidoreductase B17 subunit (EC 1.6.99.3) (Complex I-B17) (CI-B17)
NDUS2_HUMAN	chembl	O75306	NADH-ubiquinone oxidoreductase B18 subunit (EC 1.6.99.3) (Complex I-B18) (CI-B18) (Cell adhesion protein SQM1)
NDUS8_HUMAN	chembl	O00217	NADH-ubiquinone oxidoreductase 49 kDa subunit, mitochondrial precursor (EC 1.6.99.3) (Complex I-49KD) (CI-49KD)
NEMO_HUMAN	chembl	Q9Y6K9	NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor (EC 1.6.99.3) (Complex I-23KD) (CI-23KD) (TYKY subunit)
			NF-kappa-B essential modulator (NEMO) (NF-kappa-B essential modifier) (Inhibitor of nuclear factor kappa-B kinase gamma subunit) (Ikb kinase

NEP_MOUSE	chembl	Q8K251	gamma subunit) (I-kappa-B kinase gamma) (IKK-gamma) (IKKG) (Ikb kinase-associated protein 1) (IKKAP1) (FIP-3) Nepriylsin (Neutral endopeptidase) (NEP) (Enkephalinase) (Neutral endopeptidase 24.11) (CD10)
NEP_RABIT	chembl	P08049	Nepriylsin (Neutral endopeptidase) (NEP) (Enkephalinase) (Neutral endopeptidase 24.11)
NEP_RAT	chembl	P07861	Nepriylsin (Neutral endopeptidase) (NEP) (Enkephalinase)
NEUR1_HUMAN	chembl	Q99519	Sialidase 1 precursor (Lysosomal sialidase) (N-acetyl-alpha-neuraminidase 1) (Acetylneuraminyl hydrolase) (G9 sialidase)
NEUR2_HUMAN	chembl	Q3KNW4	Sialidase 2 (Cytosolic sialidase) (N-acetyl-alpha-neuraminidase 2)
NEUR4_HUMAN	chembl	Q96D64	Sialidase 4 (N-acetyl-alpha-neuraminidase 4) (LP5125)
NFKB2_HUMAN	chembl	Q04860	Nuclear factor NF-kappa-B p100/p49 subunits (DNA-binding factor KBF2) (H2TF1) (Lymphocyte translocation chromosome 10) (Oncogene Lyt-10) (Lyt10) [Contains: (Nuclear factor NF-kappa-B p52 subunit)]
NIAR1_HUMAN	chembl	A0PJL5	Nicotinic acid receptor 1 (G-protein coupled receptor 109A) (G-protein coupled receptor HM74A).
NIAR1_RAT	chembl	Q80Z39	interferon-gamma inducible gene, Puma-g [Rattus norvegicus]
NICA_HUMAN	chembl	Q86VV5	Nicastrin precursor (UNQ1874/PRO4317)
NISCH_HUMAN	chembl	Q6PGP3	nischarin [Homo sapiens]
NK1R_CAVPO	chembl	P30547	Substance-P receptor (SPR) (NK-1 receptor) (NK-1R) (Tachykinin receptor 1)
NK1R_RAT	chembl	P14600	Substance-P receptor (SPR) (NK-1 receptor) (NK-1R) (Tachykinin receptor 1)
NK2R_CAVPO	chembl	Q64077	Substance-K receptor (SKR) (Neurokinin A receptor) (NK-2 receptor) (NK-2R) (Tachykinin receptor 2)
NK2R_MOUSE	chembl	P30549	Substance-K receptor (SKR) (Neurokinin A receptor) (NK-2 receptor) (NK-2R) (Tachykinin receptor 2)
NK2R_RAT	chembl	P16610	Substance-K receptor (SKR) (Neurokinin A

NK3R_HUMAN	chembl	P29371	receptor) (NK-2 receptor) (NK-2R) (Tachykinin receptor 2) Neuromedin K receptor (NKR) (Neurokinin B receptor) (NK-3 receptor) (NK-3R) (Tachykinin receptor 3)
NMBR_HUMAN	chembl	P28336	Neuromedin-B receptor (NMB-R) (Neuromedin-B-preferring bombesin receptor)
NMD3A_HUMAN	chembl	Q8WXI6	Glutamate [NMDA] receptor subunit 3A precursor (N-methyl-D-aspartate receptor subtype NR3A) (NMDAR-L)
NMD3A_RAT	chembl	O09098	Glutamate [NMDA] receptor subunit 3A precursor (N-methyl-D-aspartate receptor subtype 3A) (NR3A) (NMDAR-L) (NMDAR-L1) (N-methyl-D-aspartate receptor) (Chi-1)
NMD3B_HUMAN	chembl	O60391	Glutamate [NMDA] receptor subunit 3B precursor (N-methyl-D-aspartate receptor subtype NR3B) (NR3B) (NMDAR3B)
NMD3B_MOUSE	chembl	Q91ZU9	Glutamate [NMDA] receptor subunit 3B precursor (N-methyl-D-aspartate receptor subunit NR3B) (NR3B) (NMDAR3B) (NMDA receptor NR4) (Nr4)
NMD3B_RAT	chembl	Q8VHN2	Glutamate [NMDA] receptor subunit 3B precursor (N-methyl-D-aspartate receptor subtype 3B) (NR3B) (NMDAR3B)
NMDE1_MOUSE	chembl	P35436	Glutamate [NMDA] receptor subunit epsilon 1 precursor (N-methyl D-aspartate receptor subtype 2A) (NR2A) (NMDAR2A)
NMDE2_HUMAN	chembl	Q14CU4	Glutamate [NMDA] receptor subunit epsilon 2 precursor (N-methyl D-aspartate receptor subtype 2B) (NR2B) (NMDAR2B) (N-methyl-D-aspartate receptor subunit 3) (NR3) (hNR3)
NMDE2_MOUSE	chembl	Q01097	Glutamate [NMDA] receptor subunit epsilon 2 precursor (N-methyl D-aspartate receptor subtype 2B) (NR2B) (NMDAR2B)
NMDE2_RAT	chembl	Q62684	Glutamate [NMDA] receptor subunit epsilon 2 precursor (N-methyl D-aspartate receptor subtype 2B) (NR2B) (NMDAR2B)
NMDE3_HUMAN	chembl	B2RTT1	Glutamate [NMDA] receptor subunit epsilon 3 precursor (N-methyl D-aspartate receptor subtype 2C) (NR2C) (NMDAR2C)
NMDE3_MOUSE	chembl	Q01098	Glutamate [NMDA] receptor subunit epsilon 3

NMDE3_RAT	chembl	Q00961	precursor (N-methyl D-aspartate receptor subtype 2C) (NR2C) (NMDAR2C) Glutamate [NMDA] receptor subunit epsilon 3 precursor (N-methyl D-aspartate receptor subtype 2C) (NR2C) (NMDAR2C)
NMDE4_HUMAN	chembl	O15399	Glutamate [NMDA] receptor subunit epsilon 4 precursor (N-methyl D-aspartate receptor subtype 2D) (NR2D) (NMDAR2D) (EB11)
NMDE4_MOUSE	chembl	Q03391	Glutamate [NMDA] receptor subunit epsilon 4 precursor (N-methyl D-aspartate receptor subtype 2D) (NR2D) (NMDAR2D)
NMDE4_RAT	chembl	Q63730	Glutamate [NMDA] receptor subunit epsilon 4 precursor (N-methyl D-aspartate receptor subtype 2D) (NR2D) (NMDAR2D)
NMDZ1_HUMAN	chembl	P35437	Glutamate [NMDA] receptor subunit zeta 1 precursor (N-methyl-D-aspartate receptor subunit NR1)
NMDZ1_MOUSE	chembl	P35438	Glutamate [NMDA] receptor subunit zeta 1 precursor (N-methyl-D-aspartate receptor subunit NR1)
NMDZ1_RAT	chembl	P35439	Glutamate [NMDA] receptor subunit zeta 1 precursor (N-methyl-D-aspartate receptor subunit NR1) (NMD-R1) (N-methyl-D-aspartate receptor)
NMT1_HUMAN	chembl	P30419	Glycylpeptide N-tetradecanoyltransferase 1 (Peptide N-myristoyltransferase 1) (Myristoyl-CoA:protein N-myristoyltransferase 1) (NMT 1) (Type I N-myristoyltransferase)
NMT2_HUMAN	chembl	O60551	Glycylpeptide N-tetradecanoyltransferase 2 (Peptide N-myristoyltransferase 2) (Myristoyl-CoA:protein N-myristoyltransferase 2) (NMT 2) (Type II N-myristoyltransferase)
NOS1_HUMAN	chembl	P29475	Nitric-oxide synthase, brain (NOS, type I) (Neuronal NOS) (N-NOS) (nNOS) (Constitutive NOS) (NC-NOS) (bNOS)
NOS1_MOUSE	chembl	Q64208	Nitric-oxide synthase, brain (NOS, type I) (Neuronal NOS) (N-NOS) (nNOS) (Constitutive NOS) (NC-NOS) (bNOS)
NOS2_HUMAN	chembl	Q16692	Nitric oxide synthase, inducible (NOS, type II) (Inducible NOS) (iNOS) (Hepatocyte NOS) (HEP-NOS)

NOS3_BOVIN	chembl	P29473	Nitric-oxide synthase, endothelial (EC-NOS) (NOS, type III) (NOSIII) (Endothelial NOS) (eNOS) (Constitutive NOS) (cNOS)
NPFF2_RAT	chembl	Q9EQD2	Neuropeptide FF receptor 2 (Neuropeptide G protein-coupled receptor) (G protein-coupled receptor 74)
NPY2R_HUMAN	chembl	Q6AZZ6	Neuropeptide Y receptor type 2 (NPY2-R) (NPY-Y2 receptor)
NPY5R_MOUSE	chembl	O70342	Neuropeptide Y receptor type 5 (NPY5-R) (NPY-Y5 receptor) (Y5 receptor)
NPY5R_RAT	chembl	Q63634	Neuropeptide Y receptor type 5 (NPY5-R) (NPY-Y5 receptor) (Y5 receptor)
NQO2_HUMAN	chembl	P16083	NRH dehydrogenase [quinone] 2 (Quinone reductase 2) (QR2) (NRH:quinone oxidoreductase 2)
NRAM_I34A1	chembl	P03468	Neuraminidase
NRAM_INBLE	chembl	P03474	Neuraminidase
NRP1_HUMAN	chembl	B0LPG9	Neuropilin-1 precursor (Vascular endothelial cell growth factor 165 receptor) (CD304 antigen).
NSMA_RAT	chembl	Q9ET64	Sphingomyelin phosphodiesterase 2 (Neutral sphingomyelinase) (nSMase) (Lyso-platelet activating factor-phospholipase C) (Lyso-PAF-PLC)
NTCP2_HUMAN	chembl	Q13839	Ileal sodium/bile acid cotransporter (Ileal Na(+)/bile acid cotransporter) (Na(+)-dependent ileal bile acid transporter) (Ileal sodium-dependent bile acid transporter) (ISBT) (Sodium/taurocholate cotransporting polypeptide, ileal)
NTR2_MOUSE	chembl	P70310	Neurotensin receptor type 2 (NT-R-2) (Low-affinity levocabastine-sensitive neurotensin receptor) (NTRL)
NU1M_HUMAN	chembl	Q37523	NADH-ubiquinone oxidoreductase chain 1
NU2M_HUMAN	chembl	Q34769	NADH-ubiquinone oxidoreductase chain 2
NU3M_HUMAN	chembl	P03897	NADH-ubiquinone oxidoreductase chain 3
NU4LM_HUMAN	chembl	P03901	NADH-ubiquinone oxidoreductase chain 4L
NU4M_HUMAN	chembl	Q6RL39	NADH-ubiquinone oxidoreductase chain 4
NU5M_HUMAN	chembl	Q34773	NADH-ubiquinone oxidoreductase chain 5
NU6M_HUMAN	chembl	P03923	NADH-ubiquinone oxidoreductase chain 6
O07911_STAAU	chembl	O07911	AgrC

O17793_CAEEL	chembl	Q17327	glutamate-gated chloride channel (52.5 kD) (glc-1) [Caenorhabditis elegans]
O30463_MYCAV	chembl	O30463	Dihydrofolate reductase
O35880_RAT	chembl	O35880	Isoleucyl tRNA synthetase
O49150_SOLTU	chembl	O49150	5-lipoxygenase.
O77669_CANFA	chembl	O77669	Coagulation factor X
O77773_PIG	chembl	O77773	Voltage-dependent calcium channel alpha-2 delta subunit precursor.
O77823_PIG	chembl	O77823	Cyclic AMP-specific phosphodiesterase SSPDE4A1A
O88420_RAT	chembl	O88420_RAT	sodium channel, voltage-gated, type 8, alpha polypeptide [Rattus norvegicus]
O93874_CURLU	chembl	O93874	17beta-hydroxysteroid dehydrogenase [Cochliobolus lunatus]
OPRD_MOUSE	chembl	P32300	Delta-type opioid receptor (DOR-1) (K56) (MSL-2)
OPRD_PIG	chembl	P79291	Delta-type opioid receptor (DOR-1)
OPRD_RAT	chembl	P33533	Delta-type opioid receptor (DOR-1) (Opioid receptor A)
OPRK_CAVPO	chembl	P41144	Kappa-type opioid receptor (KOR-1)
OPRK_MOUSE	chembl	P33534	Kappa-type opioid receptor (KOR-1) (MSL-1)
OPRK_RAT	chembl	P34975	Kappa-type opioid receptor (KOR-1)
OPRM_BOVIN	chembl	P79350	Mu-type opioid receptor (MOR-1)
OPRM_CAVPO	chembl	P97266	Mu-type opioid receptor (MOR-1)
OPRM_MOUSE	chembl	Q60768	Mu-type opioid receptor (MOR-1)
OPRS1_CAVPO	chembl	Q60492	Sigma1-receptor (Sterol-isomerase like protein).
OPRS1_HUMAN	chembl	Q53GN2	opioid receptor, sigma 1 isoform 1 [Homo sapiens]
OPRS1_MOUSE	chembl	O55242	opioid receptor, sigma 1 [Mus musculus]
OPRX_HUMAN	chembl	Q9H4K4	Nociceptin receptor (Orphanin FQ receptor) (Kappa-type 3 opioid receptor) (KOR-3)
OPRX_RAT	chembl	P35370	Nociceptin receptor (Orphanin FQ receptor) (Kappa-type 3 opioid receptor) (KOR-3) (ROR-C) (XOR1)
OST48_HUMAN	chembl	Q9BUI2	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit precursor (Oligosaccharyl transferase 48 kDa subunit) (DDOST 48 kDa subunit) (OK/SW-cl.45)
OXGR1_RAT	chembl	Q6Y1R5	G protein-coupled receptor 80 [Rattus norvegicus]
OXYR_RAT	chembl	Q53ZC5	Oxytocin receptor (OT-R)
P2RX7_RAT	chembl	Q64663	P2X purinoceptor 7 (ATP receptor) (P2X7)

P2RY1_HUMAN	chembl	P47900	(Purinergic receptor) (P2Z receptor) P2Y purinoceptor 1 (ATP receptor) (P2Y1) (Purinergic receptor)
P4HTM_HUMAN	chembl	Q6PAG6	Putative HIF-prolyl hydroxylase PH-4 (Hypoxia-inducible factor prolyl 4-hydroxylase)
P4K2A_HUMAN	chembl	Q9BTU6	phosphatidylinositol 4-kinase type II [Homo sapiens]
P4K2B_HUMAN	chembl	Q9NUW2	phosphatidylinositol 4-kinase type-II beta [Homo sapiens]
P53_HUMAN	chembl	P04637	Cellular tumor antigen p53 (Tumor suppressor p53) (Phosphoprotein p53) (Antigen NY-CO-13)
P85A_HUMAN	chembl	Q15747	Phosphatidylinositol 3-kinase regulatory alpha subunit (PI3-kinase p85-alpha subunit) (PtdIns-3-kinase p85-alpha) (PI3K)
P85B_HUMAN	chembl	Q9UPH9	Phosphatidylinositol 3-kinase regulatory beta subunit (PI3-kinase p85-beta subunit) (PtdIns-3-kinase p85-beta)
P88142_9HIV2	chembl	P88142	Pol polyprotein
P89449_HHV2H	chembl	P89449	protease [Human herpesvirus 2]
P89582_9HIV2	chembl	P89582	Integrase
P97706_RAT	chembl	P97706	sodium channel, voltage-gated, type 6, alpha polypeptide [Rattus norvegicus]
PA21B_PIG	chembl	P00592	Phospholipase A2, major isoenzyme precursor (Phosphatidylcholine 2-acylhydrolase) (Group IB phospholipase A2)
PA24B_HUMAN	chembl	P0C869	phospholipase A2, group IVB [Homo sapiens]
PA24C_HUMAN	chembl	Q9UG68	Cytosolic phospholipase A2 gamma (cPLA2-gamma) (Phospholipase A2 group IVC)
PA24D_HUMAN	chembl	Q86XP0	phospholipase A2, group IVD [Homo sapiens]
PA2G5_HUMAN	chembl	Q8N435	Calcium-dependent phospholipase A2 precursor (Phosphatidylcholine 2-acylhydrolase) (PLA2-10) (Group V phospholipase A2)
PA2G6_HUMAN	chembl	Q9UIT0	85 kDa calcium-independent phospholipase A2 (iPLA2) (CaI-PLA2) (Group VI phospholipase A2) (GVI PLA2)
PA2GD_HUMAN	chembl	B1AEL9	Group IID secretory phospholipase A2 precursor (Phosphatidylcholine 2-acylhydrolase GIID) (GIID sPLA2) (PLA2IID) (sPLA(2)-IID) (Secretory-type PLA, stroma-associated homolog)
PA2GE_HUMAN	chembl	Q5VXJ8	Group IIE secretory phospholipase A2 precursor (Phosphatidylcholine 2-acylhydrolase GIIE) (GIIE

PA2GF_HUMAN	chembl	Q5R385	sPLA2) (sPLA(2)-IIE) Group IIF secretory phospholipase A2 precursor (Phosphatidylcholine 2-acylhydrolase GIIF) (GIIF sPLA2) (sPLA(2)-IIF)
PA2GX_HUMAN	chembl	O15496	Group X secretory phospholipase A2 precursor (Phosphatidylcholine 2-acylhydrolase GX) (GX sPLA2) (sPLA2-X)
PAI1_HUMAN	chembl	P05121	Plasminogen activator inhibitor-1 precursor (PAI-1) (Endothelial plasminogen activator inhibitor) (PAI)
PARC_STAAU	chembl	P95683	Topoisomerase IV subunit A
PARP1_MOUSE	chembl	P11103	Poly [ADP-ribose] polymerase-1 (PARP-1) (ADPRT) (NAD(+) ADP-ribosyltransferase-1) (Poly[ADP-ribose] synthetase-1) (msPARP)
PCKGM_HUMAN	chembl	Q16822	Phosphoenolpyruvate carboxykinase, mitochondrial precursor [GTP] (Phosphoenolpyruvate carboxylase) (PEPCK-M)
PCP_HUMAN	chembl	P42785	Lysosomal Pro-X carboxypeptidase precursor (Prolylcarboxypeptidase) (PRCP) (Proline carboxypeptidase) (Angiotensinase C) (Lysosomal carboxypeptidase C)
PCTK1_HUMAN	chembl	A8K280	Serine/threonine-protein kinase PCTAIRE-1 (EC 2.7.11.22) (PCTAIRE- motif protein kinase 1).
PD2R_MOUSE	chembl	P70263	Prostaglandin D2 receptor (Prostanoid DP receptor) (PGD receptor)
PDE10_HUMAN	chembl	Q9Y5T1	cAMP and cAMP-inhibited cGMP 3,5-cyclic phosphodiesterase 10A
PDE1A_HUMAN	chembl	Q9C0K9	Calcium/calmodulin-dependent 3,5-cyclic nucleotide phosphodiesterase 1A (Cam-PDE 1A) (61 kDa Cam-PDE) (hCam-1)
PDE1B_BOVIN	chembl	Q01061	Calcium/calmodulin-dependent 3,5-cyclic nucleotide phosphodiesterase 1B (Cam-PDE 1B) (63 kDa Cam-PDE)
PDE1B_HUMAN	chembl	Q92825	Calcium/calmodulin-dependent 3,5-cyclic nucleotide phosphodiesterase 1B (Cam-PDE 1B) (63 kDa Cam-PDE)
PDE1B_RAT	chembl	Q01066	Calcium/calmodulin-dependent 3,5-cyclic nucleotide phosphodiesterase 1B (Cam-PDE 1B) (63 kDa Cam-PDE)
PDE1C_HUMAN	chembl	B3KPC6	Calcium/calmodulin-dependent 3,5-cyclic nucleotide phosphodiesterase 1C (Cam-PDE 1C) (hCam-3)

PDE1C_RAT	chembl	Q63421	Calcium/calmodulin-dependent 3,5-cyclic nucleotide phosphodiesterase 1C (Cam-PDE 1C)
PDE2A_HUMAN	chembl	O00408	cGMP-dependent 3,5-cyclic phosphodiesterase (Cyclic GMP stimulated phosphodiesterase) (CGS-PDE) (cGSPDE)
PDE3B_HUMAN	chembl	Q6SEI4	cGMP-inhibited 3,5-cyclic phosphodiesterase B (Cyclic GMP inhibited phosphodiesterase B) (CGI-PDE B) (CGIPDE1) (CGIP1)
PDE4A_MOUSE	chembl	Q9QX48	cAMP-dependent 3,5-cyclic phosphodiesterase 4A
PDE4A_RAT	chembl	P14645	cAMP-specific 3,5-cyclic phosphodiesterase 4A (DPDE2)
PDE4B_RAT	chembl	Q8VD82	cAMP-specific 3,5-cyclic phosphodiesterase 4B (DPDE4)
PDE4C_RAT	chembl	P14644	cAMP-specific 3,5-cyclic phosphodiesterase 4C (DPDE1)
PDE4D_MOUSE	chembl	Q8C4Q7	cAMP-specific 3,5-cyclic phosphodiesterase 4D (DPDE3)
PDE4D_RAT	chembl	P14270	cAMP-specific 3,5-cyclic phosphodiesterase 4D (DPDE3)
PDE5A_BOVIN	chembl	Q28156	cGMP-specific 3,5-cyclic phosphodiesterase (CGB-PDE) (cGMP-binding cGMP-specific phosphodiesterase)
PDE5A_RAT	chembl	O54735	cGMP-specific 3,5-cyclic phosphodiesterase (CGB-PDE) (cGMP-binding cGMP-specific phosphodiesterase)
PDE6A_BOVIN	chembl	P11541	Rod cGMP-specific 3,5-cyclic phosphodiesterase alpha-subunit (GMP-PDE alpha) (PDE V-B1)
PDE6A_HUMAN	chembl	Q0P638	Rod cGMP-specific 3,5-cyclic phosphodiesterase alpha-subunit (GMP-PDE alpha) (PDE V-B1)
PDE6B_HUMAN	chembl	Q53XN5	Rod cGMP-specific 3,5-cyclic phosphodiesterase beta-subunit (GMP-PDE beta)
PDE6C_BOVIN	chembl	P16586	Cone cGMP-specific 3,5-cyclic phosphodiesterase alpha-subunit (PDE V-C1)
PDE6C_HUMAN	chembl	A6NCR6	Cone cGMP-specific 3,5-cyclic phosphodiesterase alpha-subunit
PDE6D_BOVIN	chembl	Q95142	Retinal rod rhodopsin-sensitive cGMP 3,5-cyclic phosphodiesterase delta-subunit (GMP-PDE delta)
PDE6D_HUMAN	chembl	O43250	Retinal rod rhodopsin-sensitive cGMP 3,5-cyclic phosphodiesterase delta-subunit (GMP-PDE delta) (p17 protein)

PDE7A_RAT	chembl	O08593	High-affinity cAMP-specific 3,5-cyclic phosphodiesterase 7A (Rolipram-insensitive phosphodiesterase type 7)
PDE7B_HUMAN	chembl	Q9NP56	cAMP-specific 3,5-cyclic phosphodiesterase 7B
PDK1_HUMAN	chembl	B2R6T1	[Pyruvate dehydrogenase [lipoamide]] kinase isozyme 1, mitochondrial precursor (Pyruvate dehydrogenase kinase isoform 1)
PDK2_HUMAN	chembl	A8K3A7	[Pyruvate dehydrogenase [lipoamide]] kinase isozyme 2, mitochondrial precursor (Pyruvate dehydrogenase kinase isoform 2)
PDK2_RAT	chembl	Q64536	[Pyruvate dehydrogenase [lipoamide]] kinase isozyme 2, mitochondrial precursor (Pyruvate dehydrogenase kinase isoform 2) (PDK P45)
PDK3_HUMAN	chembl	Q15120	[Pyruvate dehydrogenase [lipoamide]] kinase isozyme 3, mitochondrial precursor (Pyruvate dehydrogenase kinase isoform 3)
PDK4_HUMAN	chembl	Q16654	[Pyruvate dehydrogenase [lipoamide]] kinase isozyme 4, mitochondrial precursor (Pyruvate dehydrogenase kinase isoform 4)
PE2R1_MOUSE	chembl	P35375	Prostaglandin E2 receptor, EP1 subtype (Prostanoid EP1 receptor) (PGE receptor, EP1 subtype)
PE2R2_MOUSE	chembl	Q62053	Prostaglandin E2 receptor, EP2 subtype (Prostanoid EP2 receptor) (PGE receptor, EP2 subtype)
PE2R2_RAT	chembl	Q62928	Prostaglandin E2 receptor, EP2 subtype (Prostanoid EP2 receptor) (PGE receptor, EP2 subtype).
PE2R3_MOUSE	chembl	P30557	Prostaglandin E2 receptor, EP3 subtype (Prostanoid EP3 receptor) (PGE receptor, EP3 subtype)
PE2R4_MOUSE	chembl	P32240	Prostaglandin E2 receptor, EP4 subtype (Prostanoid EP4 receptor) (PGE receptor, EP4 subtype)
PE2R4_RAT	chembl	P43114	Prostaglandin E2 receptor, EP4 subtype (Prostanoid EP4 receptor) (PGE receptor, EP4 subtype)
PEN2_HUMAN	chembl	B2R5L9	Gamma-secretase subunit PEN-2 (Presenilin enhancer protein 2) (MDS033)
PENP_PENJA	chembl	P00798	Penicillopepsin (Peptidase A)

PEPA_HUMAN	chembl	Q7M4R0	Pepsin A precursor Xaa-Pro dipeptidase (X-Pro dipeptidase) (Proline dipeptidase) (Prolidase) (Imidodipeptidase)
PEPD_HUMAN	chembl	Q8TBN9	
PERM_HUMAN	chembl	Q4PJH5	Myeloperoxidase precursor (MPO) Prostaglandin F2-alpha receptor (Prostanoid FP receptor) (PGF receptor) (PGF2 alpha receptor)
PF2R_BOVIN	chembl	P37289	
PGES2_HUMAN	chembl	Q9H7Z7	Hypothetical protein FLJ14038 (Prostaglandin E synthase 2, isoform 1)
PGFRA_MOUSE	chembl	Q8C4N3	Alpha platelet-derived growth factor receptor precursor (PDGF-R-alpha)
PGFRA_RAT	chembl	P20786	Alpha platelet-derived growth factor receptor precursor (PDGF-R-alpha)
PGFRB_HUMAN	chembl	P09619	Beta platelet-derived growth factor receptor precursor (PDGF-R-beta) (CD140b antigen)
PGFRB_MOUSE	chembl	P05622	Beta platelet-derived growth factor receptor precursor (PDGF-R-beta)
PGFRB_RAT	chembl	Q8R406	Beta platelet-derived growth factor receptor precursor (PDGF-R-beta)
PGH1_BOVIN	chembl	A7YWD4	Prostaglandin G/H synthase 1 (Cyclooxygenase-1) (COX-1) (Prostaglandin-endoperoxide synthase 1) (Prostaglandin H2 synthase 1) (PGH synthase 1) (PGHS-1) (PHS 1)
PGH1_MOUSE	chembl	P22437	Prostaglandin G/H synthase 1 precursor (Cyclooxygenase -1) (COX-1) (Prostaglandin-endoperoxide synthase 1) (Prostaglandin H2 synthase 1) (PGH synthase 1) (PGHS-1) (PHS 1)
PGH1_RAT	chembl	Q63921	Prostaglandin G/H synthase 1 precursor (Cyclooxygenase -1) (COX-1) (Prostaglandin-endoperoxide synthase 1) (Prostaglandin H2 synthase 1) (PGH synthase 1) (PGHS-1) (PHS 1)
PGH1_SHEEP	chembl	P05979	Prostaglandin G/H synthase 1 precursor (Cyclooxygenase -1) (COX-1) (Prostaglandin-endoperoxide synthase 1) (Prostaglandin H2 synthase 1) (PGH synthase 1) (PGHS-1) (PHS 1)
PGH2_BOVIN	chembl	O62665	Prostaglandin G/H synthase 2 precursor (Cyclooxygenase -2) (COX-2) (Prostaglandin-endoperoxide synthase 2) (Prostaglandin H2 synthase 2) (PGH synthase 2) (PGHS-2) (PHS II)
PGH2_MOUSE	chembl	Q05769	Cyclooxygenase -2 (COX-2) (Prostaglandin-endoperoxide synthase 2) (Prostaglandin H2

PGH2_RAT	chembl	Q925V4	synthase 2) (PGH synthase 2) (PGHS-2) (PHS II) (Glucocorticoid-regulated inflammatory cyclooxygenase) (Gripghs) (TIS10 protein) (PES-2) Prostaglandin G/H synthase 2 precursor (Cyclooxygenase -2) (COX-2) (Prostaglandin-endoperoxide synthase 2) (Prostaglandin H2 synthase 2) (PGH synthase 2) (PGHS-2) (PHS II) Prostaglandin G/H synthase 2 precursor (Cyclooxygenase -2) (COX-2) (Prostaglandin-endoperoxide synthase 2) (Prostaglandin H2 synthase 2) (PGH synthase 2) (PGHS-2) (PHS II)
PGH2_SHEEP	chembl	P79208	Prostaglandin G/H synthase 2 precursor (Cyclooxygenase -2) (COX-2) (Prostaglandin-endoperoxide synthase 2) (Prostaglandin H2 synthase 2) (PGH synthase 2) (PGHS-2) (PHS II) Prostaglandin G/H synthase 2 precursor (Cyclooxygenase -2) (COX-2) (Prostaglandin-endoperoxide synthase 2) (Prostaglandin H2 synthase 2) (PGH synthase 2) (PGHS-2) (PHS II)
PGK1_HUMAN	chembl	P00558	Phosphoglycerate kinase 1 (Primer recognition protein 2) (PRP 2) (OK/SW-cl.110)
PGK2_HUMAN	chembl	B2R6Y8	Phosphoglycerate kinase, testis specific
PGTB1_BOVIN	chembl	Q5EAD5	Protein geranylgeranyltransferase type I, beta subunit
PGTB1_HUMAN	chembl	Q5MJP9	Geranylgeranyl transferase type I beta subunit (Type I protein geranyl-geranyltransferase beta subunit) (GGTase-I-beta)
PHKG1_HUMAN	chembl	Q16816	Phosphorylase b kinase gamma catalytic chain, skeletal muscle isoform (Phosphorylase kinase gamma subunit 1)
PHKG2_HUMAN	chembl	P15735	Phosphorylase b kinase gamma catalytic chain, testis/liver isoform (PHK-gamma-T) (Phosphorylase kinase gamma subunit 2) (PSK-C3)
PI4KA_HUMAN	chembl	Q9UPG2	Phosphatidylinositol 4-kinase alpha (PI4-kinase) (PtdIns-4-kinase) (PI4K-alpha)
PI4KB_HUMAN	chembl	O15096	Phosphatidylinositol 4-kinase beta (PtdIns 4-kinase) (PI4Kbeta) (PI4K-beta) (NPIK) (PI4K92)
PIM1_HUMAN	chembl	Q5T7H7	Proto-oncogene serine/threonine-protein kinase Pim-1
PIM2_HUMAN	chembl	Q9P1W9	Serine/threonine-protein kinase Pim-2 (EC 2.7.11.1) (Pim-2h).
PK3CA_BOVIN	chembl	P32871	Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit, alpha isoform (PI3-kinase p110 subunit alpha) (PtdIns-3-kinase p110) (PI3K)
PK3CA_HUMAN	chembl	Q99762	Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit, alpha isoform (PI3-kinase p110 subunit alpha) (PtdIns-3-kinase p110) (PI3K)
PK3CB_HUMAN	chembl	P42338	Phosphatidylinositol-4,5-bisphosphate 3-kinase

PK3CD_HUMAN	chembl	O00329	catalytic subunit, beta isoform (PI3-kinase p110 subunit beta) (PtdIns-3-kinase p110) (PI3K) (PI3Kbeta) Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit, delta isoform (PI3-kinase p110 subunit delta) (PtdIns-3-kinase p110) (PI3K) (p110delta)
PK3CG_HUMAN	chembl	Q8IV23	Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit, gamma isoform (PI3-kinase p110 subunit gamma) (PtdIns-3-kinase p110) (PI3K) (PI3Kgamma)
PLCB_HUMAN	chembl	Q5VUD3	1-acyl-sn-glycerol-3-phosphate acyltransferase beta (1-AGP acyltransferase 2) (1-AGPAT 2) (Lysophosphatidic acid acyltransferase-beta) (LPAAT-beta) (1-acylglycerol-3-phosphate O-acyltransferase 2)
PLCG2_HUMAN	chembl	Q3ZTS2	1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma 2 (Phosphoinositide phospholipase C) (PLC-gamma-2) (Phospholipase C-gamma-2) (PLC-IV)
PLD2_HUMAN	chembl	Q96BY3	Phospholipase D2 (PLD 2) (Choline phosphatase 2) (Phosphatidylcholine-hydrolyzing phospholipase D2) (PLD1C) (hPLD2)
PLK1_HUMAN	chembl	P53350	Serine/threonine-protein kinase PLK1 (Polo-like kinase 1) (PLK-1) (Serine-threonine protein kinase 13) (STPK13)
PLK4_HUMAN	chembl	B2RAL0	Serine/threonine-protein kinase PLK4 (EC 2.7.11.21) (Polo-like kinase 4) (PLK-4) (Serine/threonine-protein kinase Sak) (Serine/threonine- protein kinase 18).
PLMN_BOVIN	chembl	P06868	Plasminogen precursor
PLMN_RAT	chembl	Q9R0W3	Plasminogen precursor [Contains: (Angiostatin)]
PMT1_CANAL	chembl	Q3MP65	Dolichyl-phosphate-mannose--protein mannosyltransferase 1
PNMT_BOVIN	chembl	P10938	Phenylethanolamine N-methyltransferase (PNMTase) (Noradrenaline N-methyltransferase)
PNMT_HUMAN	chembl	P11086	Phenylethanolamine N-methyltransferase (PNMTase) (Noradrenaline N-methyltransferase)
PNPH_BOVIN	chembl	P55859	Purine nucleoside phosphorylase (Inosine phosphorylase) (PNP)

PNPH_HUMAN	chembl	B2R8S5	Purine nucleoside phosphorylase (Inosine phosphorylase) (PNP)
POL_WMSV	chembl	P03359	Pol polyprotein [Contains: (Reverse transcriptase/ribonuclease H) (EC 3.1.26.4) (RT)] [Contains: (Integrase) (IN)]
PP1A_HUMAN	chembl	B2R908	Serine/threonine protein phosphatase PP1-alpha catalytic subunit (PP-1A)
PP1G_HUMAN	chembl	P36873	Serine/threonine protein phosphatase PP1-gamma catalytic subunit (PP-1G) (Protein phosphatase 1C catalytic subunit)
PP2AA_BOVIN	chembl	A6QLI7	Serine/threonine protein phosphatase 2A, catalytic subunit, alpha isoform (PP2A-alpha)
PP2AA_HUMAN	chembl	P67775	Serine/threonine protein phosphatase 2A, catalytic subunit, alpha isoform (PP2A-alpha) (Replication protein C) (RP-C)
PP2AB_HUMAN	chembl	Q6FHK5	Serine/threonine protein phosphatase 2A, catalytic subunit, beta isoform (PP2A-beta)
PP2BA_HUMAN	chembl	A8K3B7	Serine/threonine protein phosphatase 2B catalytic subunit, alpha isoform (Calmodulin-dependent calcineurin A subunit, alpha isoform) (CAM-PRP catalytic subunit)
PP2BB_HUMAN	chembl	Q5F2F9	Serine/threonine protein phosphatase 2B catalytic subunit, beta isoform (Calmodulin-dependent calcineurin A subunit, beta isoform) (CAM-PRP catalytic subunit)
PP2BC_HUMAN	chembl	Q9H4M5	Serine/threonine protein phosphatase 2B catalytic subunit, gamma isoform (Calmodulin-dependent calcineurin A subunit, gamma isoform) (Calcineurin, testis-specific catalytic subunit) (CAM-PRP catalytic subunit)
PPAC_HUMAN	chembl	Q3KQX8	Low molecular weight phosphotyrosine protein phosphatase (EC 3.1.3.48) (LMW-PTPase) (LMW-PTP) (Low molecular weight cytosolic acid phosphatase) (EC 3.1.3.2) (Red cell acid phosphatase 1) (Adipocyte acid phosphatase).
PPAP_HUMAN	chembl	Q96KY0	Prostatic acid phosphatase precursor
PPARA_CANFA	chembl	Q95N78	Peroxisome proliferator activated receptor alpha (PPAR-alpha)
PPARA_MOUSE	chembl	P23204	Peroxisome proliferator activated receptor alpha (PPAR-alpha)

PPARG_RAT	chembl	Q9QWG0	Peroxisome proliferator activated receptor gamma (PPAR-gamma)
PPCE_HUMAN	chembl	Q8N6D4	Prolyl endopeptidase (Post-proline cleaving enzyme) (PE)
PPCE_RAT	chembl	O70196	prolyl endopeptidase [Rattus norvegicus]
PPIA_RAT	chembl	P10111	Peptidyl-prolyl cis-trans isomerase A (PPIase) (Rotamase) (Cyclophilin A) (Cyclosporin A-binding protein) (P31)
PPM1B_HUMAN	chembl	O75688	Protein phosphatase 2C beta isoform (PP2C-beta)
PPR_HHV11	chembl	O09798	protease [Human herpesvirus 1]
PPR_HHV6U	chembl	P24433	protease /assembly protein [Human herpesvirus 6]
PRGR_CHICK	chembl	Q90946	Progesterone receptor (PR)
PRGR_RABIT	chembl	P06186	Progesterone receptor (PR)
PRGR_RAT	chembl	Q63449	Progesterone receptor (PR)
PRKDC_HUMAN	chembl	Q59H99	DNA-dependent protein kinase catalytic subunit (DNA-PKcs) (DNPK1) (p460)
PRO_HTL1A	chembl	P10274	Protease
PSA_HUMAN	chembl	Q9NP16	Puromycin-sensitive aminopeptidase (PSA)
PSB2_HUMAN	chembl	P31145	Proteasome subunit beta type 2 (EC 3.4.25.1) (Proteasome component C7- I) (Macropain subunit C7-I) (Multicatalytic endopeptidase complex subunit C7-I).
PSB5_HUMAN	chembl	Q9TNN9	Proteasome subunit beta type 5 precursor (EC 3.4.25.1) (Proteasome epsilon chain) (Macropain epsilon chain) (Multicatalytic endopeptidase complex epsilon chain) (Proteasome subunit X) (Proteasome chain 6) (Proteasome subunit MB1).
PSN1_HUMAN	chembl	Q15719	Presenilin 1 (PS-1) (S182 protein)
PSN2_HUMAN	chembl	P49810	Presenilin 2 (PS-2) (STM-2) (E5-1) (AD3LP) (AD5)
PTAFR_CAVPO	chembl	P21556	Platelet activating factor receptor (PAF-R)
PTAFR_HUMAN	chembl	A3KMC8	Platelet activating factor receptor (PAF-R)
PTAFR_MOUSE	chembl	Q62035	Platelet activating factor receptor (PAF-R)
PTGDS_MOUSE	chembl	O09157	Prostaglandin-H2 D-isomerase precursor (Lipocalin-type prostaglandin-D synthase) (Glutathione-independent PGD synthetase) (Prostaglandin-H2 D-isomerase) (PGD2 synthase) (PGDS2) (PGDS)
PTK6_HUMAN	chembl	Q58F01	Tyrosine-protein kinase 6 (EC 2.7.10.2) (Breast tumor kinase) (Tyrosine-protein kinase BRK).

PTN13_HUMAN	chembl	Q8IWH7	Tyrosine-protein phosphatase, non-receptor type 13 (Protein-tyrosine phosphatase 1E) (PTP-E1) (hPTPE1) (PTP-BAS) (Protein-tyrosine phosphatase PTPL1) (Fas-associated protein-tyrosine phosphatase 1) (FAP-1)
PTN22_HUMAN	chembl	O95064	Tyrosine-protein phosphatase, non-receptor type 22 (Hematopoietic cell protein-tyrosine phosphatase 70Z-PEP) (Lymphoid phosphatase) (LyP)
PTN7_HUMAN	chembl	Q9BV05	Tyrosine-protein phosphatase, non-receptor type 7 (Protein-tyrosine phosphatase LC-PTP) (Hematopoietic protein-tyrosine phosphatase) (HEPTP)
PTPA_HUMAN	chembl	Q15257	Protein phosphatase 2A, regulatory subunit B (PP2A, subunit B, PR53 isoform) (Phosphotyrosyl phosphatase activator) (PTPA)
PTPRF_HUMAN	chembl	P10586	Receptor-type tyrosine-protein phosphatase F precursor (LAR protein) (Leukocyte antigen related)
PUR2_HUMAN	chembl	A8K945	(GARS) (Glycinamide ribonucleotide synthetase) (Phosphoribosylglycinamide synthetase) (AIRS) (Phosphoribosyl-aminoimidazole synthetase) (AIR synthase) (Phosphoribosylglycinamide formyltransferase) (GART) (GAR transformylase)
PUR2_MOUSE	chembl	Q64737	(GARS) (Glycinamide ribonucleotide synthetase) (Phosphoribosylglycinamide synthetase) (Phosphoribosylformylglycinamide cyclo-ligase) (AIRS) (Phosphoribosylglycinamide formyltransferase) (GART) (GAR transformylase)
PYGL_MOUSE	chembl	Q9ET01	Glycogen phosphorylase, liver form
PYGL_RAT	chembl	P09811	Glycogen phosphorylase, liver form
PYR1_HUMAN	chembl	Q6P0Q0	CAD protein) (Glutamine-dependent carbamoyl-phosphate synthase) (Aspartate carbamoyltransferase) (Dihydroorotase)
PYRD_HUMAN	chembl	Q6P176	Dihydroorotate dehydrogenase, mitochondrial precursor (Dihydroorotate oxidase) (DHOdehase)
PYRD_RAT	chembl	Q63707	Dihydroorotate dehydrogenase, mitochondrial precursor (Dihydroorotate oxidase) (DHOdehase)
Q0GKD7_LEIDO	chembl	Q0GKD7	Farnesyl pyrophosphate synthase.
Q499N1_RAT	chembl	Q499N1	retinoic acid receptor, alpha [Rattus norvegicus]
Q54A96_PLAFA	chembl	Q54A96	Dihydroorotate dehydrogenase.
Q59401_ENTCL	chembl	Q59401	Class C beta-lactamase precursor

Q5EI73_PLAFA	chembl	Q5EI73	Protein farnesyltransferase alpha subunit
Q5EM59_BOVIN	chembl	Q5EM59	
Q5SWX4_HUMAN	chembl	Q5SWX4	
Q6GI75_STAAR	chembl	Q6GI75	androgen receptor [Bos taurus]
Q6L709_HHV2	chembl	Q6L709	calcium/calmodulin-dependent protein kinase II
Q6MGC4_RAT	chembl	Q6MGC4	gamma isoform 4 [Homo sapiens]
Q6RY99_RAT	chembl	Q6RY99	enoyl-[acyl-carrier-protein] reductase [NADH]
Q6UB75_PIG	chembl	Q6UB75	[Staphylococcus aureus subsp. aureus MRSA252]
Q6W9J1_ENTCL	chembl	Q6W9J1	thymidine kinase [Human herpesvirus 2]
Q70E71_9ENTE	chembl	Q70E71	MHC class II region expressed gene KE2 [Rattus norvegicus]
Q71G50_PLAF7	chembl	Q71G50_PLAF7	Gamma-hydroxybutyrate receptor
Q72874_9HIV1	chembl	Q72874	Group VII phospholipase A2
Q7ARH8_YERPE	chembl	Q74YY5	TEM-1 beta-lactamase
Q7YY07_CRYPV	chembl	Q7YY07	Aminoglycoside acetyltransferase.
Q7YY76_CRYPV	chembl	Q7YY76	Thioredoxin reductase 2.
Q80T35_MOUSE	chembl	Q80T35	retropepsin aspartic peptidase [Human immunodeficiency virus 1]
Q80T43_MOUSE	chembl	Q80T43	putative secreted protein-tyrosine phosphatase [Yersinia pestis CO92]
Q80T47_MOUSE	chembl	Q80T47	Putative histone deacetylase
Q862F3_BOVIN	chembl	Q862F3	Histone deacetylase
Q862L2_BOVIN	chembl	Q862L2	metabotropic glutamate receptor 6 [Mus musculus]
Q864F1_PIG	chembl	Q864F1	metabotropic glutamate receptor 2 [Mus musculus]
Q8AWE3_CHICK	chembl	Q8AWE3	metabotropic glutamate receptor 5 [Mus musculus]
Q8BGP7_MOUSE	chembl	Q8BGP7	similar to alpha-tubulin isoform 1 [Bos taurus]
Q8CFB8_MOUSE	chembl	Q8CFB8	similar to alpha-tubulin isoform 1 [Bos taurus]
Q8DNV6_STRR6	chembl	Q8DNV6	Phosphodiesterase isozyme 5
Q8HZR1_CANFA	chembl	Q8HZR1	Serine-threonine protein phosphatase 2A regulatory subunit
Q8MHZ5_SHEEP	chembl	Q8MHZ5	cholinergic receptor, nicotinic, beta polypeptide 2 (neuronal) [Mus musculus]
Q8MMZ8_EIMTE	chembl	Q8MMZ8	ADP-ribosyltransferase (NAD+, poly (ADP-ribose polymerase)-like 3 [Mus musculus]
			UDP-N-acetylmuramoylalanine-D-glutamyl-lysine-D-alanyl-D-alanine ligase [Streptococcus pneumoniae R6]
			prostaglandin-endoperoxide synthase 1 [Canis familiaris]
			Ghrelin/growth hormone secretagogue receptor.
			CGMP-dependent protein kinase

Q8MTZ4_9TRYP	chembl	Q8MTZ4	Vacuolar-type proton translocating pyrophosphatase 1
Q8QGU2_CHICK	chembl	Q8QGU2	FK506 binding protein 12.6 [Gallus gallus]
Q8SPQ9_CANFA	chembl	Q8SPQ9	prostaglandin G/H synthase-2 [Canis familiaris]
Q8ST54_TRYCR	chembl	Q8ST54	Hexokinase.
Q8VBU5_MOUSE	chembl	Q8VBU5	phosphodiesterase 4B, cAMP specific [Mus musculus]
Q8VIE4_RAT	chembl	Q8VIE4	phosphodiesterase 7B [Rattus norvegicus]
Q8WMX0_BOVIN	chembl	Q8WMX0	Muscarinic receptor M1
Q8WS26_TRYCR	chembl	Q8WS26	Farnesyl diphosphate synthase precursor.
Q91ZM7_RAT	chembl	Q91ZM7	gamma-aminobutyric acid A receptor, theta [Rattus norvegicus]
Q94F81_MAIZE	chembl	Q94F81	HD2 type histone deacetylase HDA106
Q95J97_RABIT	chembl	Q95J97	PKA catalytic subunit alpha [Oryctolagus cuniculus]
Q965D5_PLAFA	chembl	Q965D5	Enoyl-acyl-carrier protein reductase precursor (EC 1.3.1.9).
Q965D7_PLAFA	chembl	Q965D7	Beta-hydroxyacyl-ACP dehydratase precursor (Fatty acid synthesis protein).
Q98254_MCV1	chembl	Q98254	MC087R [Molluscum contagiosum virus]
Q99MA2_RAT	chembl	Q99MA2	X-prolyl aminopeptidase (aminopeptidase P) 2, membrane-bound [Rattus norvegicus]
Q9BEG3_BOVIN	chembl	Q9BEG3	5-lipoxygenase
Q9EPR9_RAT	chembl	Q9EPR9	phosphodiesterase 1A [Rattus norvegicus]
Q9HUN3_PSEAE	chembl	Q7BME7	Replicative DNA helicase (Replicative DNA helicase DnaB).
Q9I056_PSEAE	chembl	Q9I056	Carboxypeptidase G2
Q9JKC1_RAT	chembl	Q9JKC1	butyrylcholinesterase [Rattus norvegicus]
Q9JLY8_RAT	chembl	Q9JLY8	chemokine (C-C motif) receptor 1
Q9MYX2_PIG	chembl	Q9MYX2	Carnitine palmitoyl transferase I liver isoform
Q9N1N9_HORSE	chembl	Q9N1N9	Butyrylcholinesterase
Q9NBA7_PLAFA	chembl	Q9NBA7	Cysteine protease falcipain-3.
Q9SEH8_SOYBN	chembl	Q9SEH8	Mannosyl-oligosaccharide 1,2-alpha-mannosidase
Q9WTR4_RAT	chembl	Q9WTR4	solute carrier family 6 member 2 [Rattus norvegicus]
Q9ZTP8_MAIZE	chembl	Q9ZTP8	Histone deacetylase.
RABP1_MOUSE	chembl	P62965	Retinoic acid-binding protein I, cellular (CRABP-I)
RABP2_MOUSE	chembl	P22935	Retinoic acid-binding protein II, cellular (CRABP-II)
RAMP1_HUMAN	chembl	Q6FGS5	Receptor activity-modifying protein 1 precursor (CRLR activity- modifying protein 1) (Calcitonin-

RARA_MOUSE	chembl	P11416	receptor-like receptor activity- modifying protein 1).
RARB_MOUSE	chembl	P11417	Retinoic acid receptor alpha (RAR-alpha)
RARG_MOUSE	chembl	P18911	Retinoic acid receptor beta (RAR-beta)
RASH_HUMAN	chembl	Q9UCE2	Retinoic acid receptor gamma-A (RAR-gamma-A)
RENI1_MOUSE	chembl	P97911	Transforming protein p21/H-Ras-1 (c-H-ras)
RENI_RAT	chembl	Q63497	Renin 1 precursor (Angiotensinogenase) (Kidney renin)
RET_HUMAN	chembl	P07949	Renin precursor (Angiotensinogenase)
RIPK2_HUMAN	chembl	Q6UWF0	Proto-oncogene tyrosine-protein kinase receptor ret precursor (C-ret)
RIR1_HHV23	chembl	P09853	Receptor-interacting serine/threonine-protein kinase 2 (RIP-like interacting CLARP kinase) (Receptor-interacting protein 2) (RIP-2) (CARD-containing interleukin-1 beta converting enzyme associated kinase) (CARD-containing IL-1 beta ICE-kinase)
RIR1_HUMAN	chembl	P23921	Ribonucleoside-diphosphate reductase large chain (Ribonucleotide reductase) (136 kDa subunit)
RIR2_HHV1K	chembl	P06474	Ribonucleoside-diphosphate reductase large subunit (Ribonucleoside-diphosphate reductase M1 subunit) (Ribonucleotide reductase large chain)
RIR2_HHV23	chembl	P69520	Ribonucleoside-diphosphate reductase small chain (Ribonucleotide reductase) (38 kDa subunit)
RIR2_HUMAN	chembl	P31350	Ribonucleoside-diphosphate reductase small chain (Ribonucleotide reductase) (38 kDa subunit)
ROCK1_HUMAN	chembl	Q59GZ4	Ribonucleoside-diphosphate reductase M2 chain (Ribonucleotide reductase small chain)
RPC10_HUMAN	chembl	Q96S35	Rho-associated protein kinase 1 (Rho-associated, coiled-coil containing protein kinase 1) (p160 ROCK-1) (p160ROCK)
RPC4_HUMAN	chembl	Q9BPV7	DNA-directed RNA polymerases III 12.5 kDa polypeptide (RNA polymerase III C11 subunit) (HsC11p) (hRPC11) (My010 protein)
RPC6_HUMAN	chembl	O15319	DNA-directed RNA polymerase III 47 kDa polypeptide (RNA polymerase C subunit 4) (RPC4) (RPC53) (BN51 protein)
RPOB_ECOLI	chembl	Q2M8S3	DNA-directed RNA polymerase III 39 kDa polypeptide (RNA polymerase III C39 subunit)
			DNA-directed RNA polymerase beta chain (RNAP beta subunit) (Transcriptase beta chain) (RNA polymerase beta subunit)

RPOD_ECOLI	chembl	Q2M9D8	RNA polymerase sigma factor rpoD (Sigma-70)
RXRA_MOUSE	chembl	P28700	Retinoic acid receptor RXR-alpha (Retinoid X receptor alpha)
RXRA_RAT	chembl	Q05343	Retinoic acid receptor RXR-alpha (Retinoid X receptor alpha)
RXRB_MOUSE	chembl	P33243	Retinoic acid receptor RXR-beta (Retinoid X receptor beta) (MHC class I regulatory element binding protein H-2RIIBP)
RXRB_RAT	chembl	P49743	Retinoic acid receptor RXR-beta (Retinoid X receptor beta) (Nuclear receptor coregulator 1)
RXRG_MOUSE	chembl	P28705	Retinoic acid receptor RXR-gamma (Retinoid X receptor gamma)
RYR1_HUMAN	chembl	Q9P1U4	Ryanodine receptor 1 (Skeletal muscle-type ryanodine receptor) (RyR1) (RYR-1) (Skeletal muscle calcium release channel)
RYR1_RABIT	chembl	P11716	Ryanodine receptor 1 (Skeletal muscle-type ryanodine receptor) (RyR1) (RYR-1) (Skeletal muscle calcium release channel)
S27A4_HUMAN	chembl	A8K2F7	Long-chain fatty acid transport protein 4 (EC 6.2.1.-) (Fatty acid transport protein 4) (FATP-4) (Solute carrier family 27 member 4).
S5A1_RAT	chembl	P24008	3-oxo-5-alpha-steroid 4-dehydrogenase 1 (Steroid 5-alpha-reductase 1) (SR type 1)
S5A2_RAT	chembl	P31214	3-oxo-5-alpha-steroid 4-dehydrogenase 2 (Steroid 5-alpha-reductase 2) (SR type 2) (5 alpha-SR2)
S6A13_RAT	chembl	P31646	Sodium- and chloride-dependent GABA transporter 2
SAHH_HUMAN	chembl	P23526	Adenosylhomocysteinase (S-adenosyl-L-homocysteine hydrolase) (AdoHcyase)
SAHH_MOUSE	chembl	P50247	Adenosylhomocysteinase (S-adenosyl-L-homocysteine hydrolase) (AdoHcyase) (Liver copper binding protein) (CUBP)
SAHH_RAT	chembl	P10760	Adenosylhomocysteinase (S-adenosyl-L-homocysteine hydrolase) (AdoHcyase)
SC5A1_HUMAN	chembl	P13866	Sodium/glucose cotransporter 1 (Na(+)/glucose cotransporter 1) (High affinity sodium-glucose cotransporter)
SC5A2_HUMAN	chembl	P31639	Sodium/glucose cotransporter 2 (Na(+)/glucose cotransporter 2) (Low affinity sodium-glucose cotransporter)

SC5A7_MOUSE	chembl	Q99PK3	High-affinity choline transporter 1 (Solute carrier family 5 member 7) (Hemicholinium-3-sensitive choline transporter) (CHT)
SC6A1_HUMAN	chembl	P30531	Sodium- and chloride-dependent GABA transporter 1
SC6A2_HUMAN	chembl	B2R707	Sodium-dependent noradrenaline transporter (Norepinephrine transporter) (NET)
SC6A3_BOVIN	chembl	P27922	Sodium-dependent dopamine transporter (DA transporter) (DAT)
SC6A3_HUMAN	chembl	Q01959	Sodium-dependent dopamine transporter (DA transporter) (DAT)
SC6A3_MACFA	chembl	Q9GJT6	Sodium-dependent dopamine transporter (DA transporter) (DAT)
SC6A3_MOUSE	chembl	Q60719	Sodium-dependent dopamine transporter (DA transporter) (DAT)
SC6A4_MACMU	chembl	Q9MYX0	Sodium-dependent serotonin transporter (5HT transporter) (5HTT)
SC6A4_MOUSE	chembl	O35241	Sodium-dependent serotonin transporter (5HT transporter) (5HTT)
SC6A4_RAT	chembl	P31652	Sodium-dependent serotonin transporter (5HT transporter) (5HTT)
SC6A9_HUMAN	chembl	Q5TAC0	Sodium- and chloride-dependent glycine transporter 1 (GlyT1) (GlyT-1) (Solute carrier family 6 member 9)
SC6A9_RAT	chembl	P28572	Sodium- and chloride-dependent glycine transporter 1 (GlyT1) (GlyT-1) (Solute carrier family 6 member 9)
SCN1A_HUMAN	chembl	Q96LA3	Sodium channel protein type I alpha subunit (Voltage-gated sodium channel alpha subunit Nav1.1) (Sodium channel protein, brain I alpha subunit)
SCN1A_RAT	chembl	P04774	Sodium channel protein type I alpha subunit (Voltage-gated sodium channel alpha subunit Nav1.1) (Sodium channel protein, brain I alpha subunit)
SCN2A_HUMAN	chembl	A6NC14	Sodium channel protein type II alpha subunit (Voltage-gated sodium channel alpha subunit Nav1.2) (Sodium channel protein, brain II alpha subunit) (HBSC II)
SCN3A_HUMAN	chembl	Q9NY46	Sodium channel protein type III alpha subunit

SCN3A_RAT	chembl	P08104	(Voltage-gated sodium channel alpha subunit Nav1.3) (Sodium channel protein, brain III alpha subunit) (Voltage-gated sodium channel subtype III) Sodium channel protein type III alpha subunit (Voltage-gated sodium channel alpha subunit Nav1.3) (Sodium channel protein, brain III alpha subunit) (Voltage-gated sodium channel subtype III)
SCN4A_HUMAN	chembl	P35499	Sodium channel protein type IV alpha subunit (Voltage-gated sodium channel alpha subunit Nav1.4) (Sodium channel protein, skeletal muscle alpha-subunit)
SCN5A_HUMAN	chembl	Q75RX9	Sodium channel protein type V alpha subunit (Voltage-gated sodium channel alpha subunit Nav1.5) (Sodium channel protein, cardiac muscle alpha-subunit) (HH1)
SCN5A_RAT	chembl	Q925G6	Sodium channel protein type V alpha subunit (Voltage-gated sodium channel alpha subunit Nav1.5) (Sodium channel protein, cardiac muscle alpha-subunit)
SCN7A_HUMAN	chembl	Q01118	Sodium channel protein type VII alpha subunit (Putative voltage-gated sodium channel alpha subunit Nax) (Sodium channel protein, cardiac and skeletal muscle alpha-subunit)
SCN8A_HUMAN	chembl	Q9UQD0	Sodium channel protein type VIII alpha subunit (Voltage-gated sodium channel alpha subunit Nav1.6)
SCN9A_HUMAN	chembl	Q70HX2	Sodium channel protein type IX alpha subunit (Voltage-gated sodium channel alpha subunit Nav1.7) (Neuroendocrine sodium channel) (hNE-Na) (Peripheral sodium channel 1)
SCNAA_HUMAN	chembl	Q9Y5Y9	Sodium channel protein type X alpha subunit (Voltage-gated sodium channel alpha subunit Nav1.8) (Peripheral nerve sodium channel 3) (hPN3)
SCNNA_HUMAN	chembl	A5X2U9	Amiloride-sensitive sodium channel alpha-subunit (Epithelial Na ⁺ channel alpha subunit) (Alpha ENaC) (Nonvoltage-gated sodium channel 1 alpha subunit) (SCNEA) (Alpha NaCH)
SCYD_MAGGR	chembl	A4QTI6	Scytalone dehydratase
SEPR_HUMAN	chembl	Q99998	Seprase (Fibroblast activation protein alpha)

SIRT2_HUMAN	chembl	Q924Y7	(Integral membrane serine protease) (170-kDa melanoma membrane-bound gelatinase) NAD-dependent deacetylase sirtuin-2 (EC 3.5.1.-) (SIR2-like) (SIR2- like protein 2).
SL9A1_RAT	chembl	P26431	Sodium/hydrogen exchanger 1 (Na(+)/H(+) exchanger 1) (NHE-1)
SL9A2_RABIT	chembl	P50482	Sodium/hydrogen exchanger 2 (Na(+)/H(+) exchanger 2) (NHE-2)
SL9A3_RABIT	chembl	P26432	Sodium/hydrogen exchanger 3 (Na(+)/H(+) exchanger 3) (NHE-3)
SLK_HUMAN	chembl	Q9NQL0	STE20-like serine/threonine-protein kinase (EC 2.7.11.1) (STE20-like kinase) (STE20-related serine/threonine-protein kinase) (STE20-related kinase) (hSLK) (Serine/threonine-protein kinase 2) (CTCL tumor antigen se20-9).
SMT1_ARATH	chembl	Q8LKW1	sterol 24-C-methyltransferase, putative [Arabidopsis thaliana]
SOAT1_HUMAN	chembl	P35610	Sterol O-acyltransferase 1 (Cholesterol acyltransferase 1) (Acyl coenzyme A:cholesterol acyltransferase 1) (ACAT-1)
SOAT1_MOUSE	chembl	Q61263	Sterol O-acyltransferase 1 (Cholesterol acyltransferase 1) (Acyl coenzyme A:cholesterol acyltransferase 1) (ACAT-1)
SOAT1_RAT	chembl	O70536	Sterol O-acyltransferase 1 (Cholesterol acyltransferase 1) (Acyl coenzyme A:cholesterol acyltransferase 1) (ACAT-1)
SOAT2_HUMAN	chembl	Q4VB99	Sterol O-acyltransferase 2 (Cholesterol acyltransferase 2) (Acyl coenzyme A:cholesterol acyltransferase 2) (ACAT-2)
SOAT2_MOUSE	chembl	O88908	Sterol O-acyltransferase 2 (Cholesterol acyltransferase 2) (Acyl coenzyme A:cholesterol acyltransferase 2) (ACAT-2)
SOAT2_RAT	chembl	Q7TQM4	sterol O-acyltransferase 2 [Rattus norvegicus]
SORT_HUMAN	chembl	C0JYZ0	Sortilin precursor (Glycoprotein 95) (Gp95) (Neurotensin receptor 3) (NT3) (100 kDa NT receptor)
SP0F_BACSU	chembl	P06628	Sporulation initiation phosphotransferase F (Stage 0 sporulation protein F)
SRC_CHICK	chembl	P00523	Proto-oncogene tyrosine-protein kinase Src (p60-Src) (c-Src)

SRC_HUMAN	chembl	P12931	Proto-oncogene tyrosine-protein kinase Src (p60-Src) (c-Src)
SRC_RAT	chembl	Q9WUD9	Proto-oncogene tyrosine-protein kinase SRC (p60-SRC) (C-SRC)
SSR1_MOUSE	chembl	P30873	Somatostatin receptor type 1 (SS1R) (SRIF-2)
SSR1_RAT	chembl	P28646	Somatostatin receptor type 1 (SS1R) (SRIF-2)
SSR2_RAT	chembl	P30680	Somatostatin receptor type 2 (SS2R) (SRIF-1)
SSR3_MOUSE	chembl	P30935	Somatostatin receptor type 3 (SS3R) (SSR-28)
SSR3_RAT	chembl	P30936	Somatostatin receptor type 3 (SS3R) (SSR-28)
SSR4_MOUSE	chembl	P49660	Somatostatin receptor type 4 (SS4R)
SSR4_RAT	chembl	P30937	Somatostatin receptor type 4 (SS4R)
SSR5_MOUSE	chembl	O08998	Somatostatin receptor type 5 (SS5R)
SSR5_RAT	chembl	P30938	Somatostatin receptor type 5 (SS5R)
ST17A_HUMAN	chembl	A4D1V6	Serine/threonine-protein kinase 17A (EC 2.7.11.1) (DAP kinase-related apoptosis-inducing protein kinase 1).
ST17B_HUMAN	chembl	O94768	Serine/threonine-protein kinase 17B (EC 2.7.11.1) (DAP kinase-related apoptosis-inducing protein kinase 2).
STAT3_HUMAN	chembl	P40763	Signal transducer and activator of transcription 3 (Acute-phase response factor)
STF1_HUMAN	chembl	Q13285	Steroidogenic factor 1 (STF-1) (SF-1) (Adrenal 4-binding protein) (Steroid hormone receptor Ad4BP) (Fushi tarazu factor homolog 1).
STK10_HUMAN	chembl	Q9UIW4	Serine/threonine-protein kinase 10 (EC 2.7.11.1) (Lymphocyte-oriented kinase).
STK36_HUMAN	chembl	Q9NRP7	Serine/threonine-protein kinase 36 (EC 2.7.11.1) (Fused homolog).
STK3_MOUSE	chembl	Q9JI10	Serine/threonine-protein kinase 3 (EC 2.7.11.1) (STE20-like kinase MST2) (MST-2) (Mammalian STE20-like protein kinase 2).
STK4_HUMAN	chembl	Q9NTZ4	Serine/threonine-protein kinase 4 (EC 2.7.11.1) (STE20-like kinase MST1) (MST-1) (Mammalian STE20-like protein kinase 1) (Serine/threonine-protein kinase Krs-2).
SUIS_HUMAN	chembl	Q1JQ80	Sucrase-isomaltase, intestinal [Contains: (Sucrase)] [Contains: (Isomaltase)]
SYFA_STAAU	chembl	P68849	Phenylalanyl-tRNA synthetase alpha chain (Phenylalanine--tRNA ligase alpha chain) (PheRS)

SYFA_STRP8	chembl	Q8P1K1	Phenylalanyl-tRNA synthetase alpha chain (Phenylalanine--tRNA ligase alpha chain) (PheRS)
SYFM_HUMAN	chembl	B2R664	Phenylalanyl-tRNA synthetase, mitochondrial precursor (Phenylalanine--tRNA ligase) (PheRS) (HSPC320)
SYIC_HUMAN	chembl	A8KAE9	Isoleucyl-tRNA synthetase, cytoplasmic (Isoleucine--tRNA ligase) (IleRS) (IRS)
SYLC_HUMAN	chembl	Q9NSE1	Leucyl-tRNA synthetase, cytoplasmic (Leucine--tRNA ligase) (LeuRS)
SYMC_HUMAN	chembl	Q96A15	Methionyl-tRNA synthetase (Methionine--tRNA ligase) (MetRS)
SYM_STAAW	chembl	Q8NY00	Methionyl-tRNA synthetase (Methionine--tRNA ligase) (MetRS)
SYPC_CANAL	chembl	P78600	Prolyl-tRNA synthetase, cytoplasmic (Proline--tRNA ligase) (ProRS)
SYYC_HUMAN	chembl	Q53EN1	Tyrosyl-tRNA synthetase, cytoplasmic (Tyrosyl--tRNA ligase) (TyrRS)
T23O_RAT	chembl	P21643	Tryptophan 2,3-dioxygenase (Tryptophan pyrrolase) (Tryptophanase) (Tryptophan oxygenase) (Tryptamin 2,3-dioxygenase) (TRPO)
TA2R_RAT	chembl	P34978	Thromboxane A2 receptor (TXA2-R) (Prostanoid TP receptor) (TXR2)
TARB1_HUMAN	chembl	Q13395	TAR RNA binding protein 1 [Homo sapiens]
TAT_HV112	chembl	P04326	TAT protein (Transactivating regulatory protein)
TBA1A_PIG	chembl	P02550	Tubulin alpha chain
TBA1A_RAT	chembl	P68370	Tubulin alpha-1 chain (Alpha-tubulin 1)
TBA4A_HUMAN	chembl	P68366	Tubulin alpha-1 chain (Alpha-tubulin 1) (Testis-specific alpha-tubulin) (Tubulin H2-alpha)
TBB1_HUMAN	chembl	Q9H4B7	Tubulin beta-1 chain
TBB2B_BOVIN	chembl	Q6B856	tubulin, beta polypeptide [Bos taurus]
TBB2C_HUMAN	chembl	A2BFA2	Tubulin beta-2 chain
TBB3_HUMAN	chembl	Q13509	Tubulin beta-3 chain (Tubulin beta-III) (Tubulin beta-4)
TBB4_HUMAN	chembl	Q969E5	Tubulin beta-4 chain (Tubulin 5 beta) (Tubulin beta-4)
TBB5_HUMAN	chembl	P07437	Tubulin beta-2 chain (OK/SW-cl.56)
TBB8_HUMAN	chembl	Q8WZ78	tubulin, beta 8 [Homo sapiens]
TBB_PIG	chembl	P02554	Tubulin beta chain
TETX_CLOTE	chembl	P04958	Tetanus toxin precursor (Tentoxylisin) [Contains:

TF65_HUMAN	chembl	Q6GTV1	(Tetanus toxin light chain) (Tetanus toxin chain L)] [Contains: (Tetanus toxin heavy chain) (Tetanus toxin chain H)] Transcription factor p65 (Nuclear factor NF-kappa-B p65 subunit)
TF_HUMAN	chembl	P13726	Tissue factor precursor (TF) (Coagulation factor III) (Thromboplastin) (CD142 antigen)
TGFR1_HUMAN	chembl	P36897	TGF-beta receptor type I precursor (TGFR-1) (TGF-beta type I receptor) (Serine/threonine-protein kinase receptor R4) (SKR4) (Activin receptor-like kinase 5) (ALK-5)
TGFR2_HUMAN	chembl	Q99474	TGF-beta receptor type II precursor (TGFR-2) (TGF-beta type II receptor)
TGM2_HUMAN	chembl	P21980	Protein-glutamine gamma-glutamyltransferase (Tissue transglutaminase) (TGase C) (TGC) (TG(C)) (Transglutaminase 2) (TGase-H)
TGT_ZYMMO	chembl	P28720	Queuine tRNA-ribosyltransferase (tRNA-guanine transglycosylase) (Guanine insertion enzyme)
THAS_RAT	chembl	P49430	Thromboxane-A synthase (TXA synthase) (TXS)
THA_HUMAN	chembl	Q8N6A1	Thyroid hormone receptor alpha (C-erbA-alpha) (c-erbA-1) (EAR-7) (EAR7)
THA_RAT	chembl	Q99146	Thyroid hormone receptor alpha (C-erbA-alpha) (c-erbA-1)
THIL_HUMAN	chembl	B2R6H1	Acetyl-CoA acetyltransferase, mitochondrial precursor (Acetoacetyl-CoA thiolase) (T2)
THIL_RAT	chembl	P17764	Acetyl-CoA acetyltransferase, mitochondrial precursor (Acetoacetyl-CoA thiolase)
THRB_BOVIN	chembl	P00735	Prothrombin precursor
THRB_RAT	chembl	P18292	Prothrombin precursor
TIMP3_RAT	chembl	P48032	Metalloproteinase inhibitor 3 precursor (TIMP-3) (Tissue inhibitor of metalloproteinases-3)
TKT_HUMAN	chembl	Q96HH3	Transketolase (TK)
TNFA_HUMAN	chembl	O43647	Tumor necrosis factor precursor (TNF-alpha) (Tumor necrosis factor ligand superfamily member 2) (TNF-a) (Cachectin)
TNIK_HUMAN	chembl	Q9UKD8	TRAF2 and NCK-interacting kinase (EC 2.7.11.1).
TOP1_HUMAN	chembl	Q9UJN0	DNA topoisomerase I
TOP2A_HUMAN	chembl	Q71UQ5	DNA topoisomerase II, alpha isozyme
TOP2B_HUMAN	chembl	Q9UMG8	DNA topoisomerase II, beta isozyme
TOP3_BACSU	chembl	P96583	DNA topoisomerase III [Bacillus subtilis subsp.

TP4A3_HUMAN	chembl	Q9BTW5	subtilis str. 168] Protein tyrosine phosphatase type IVA protein 3 (EC 3.1.3.48) (Protein-tyrosine phosphatase 4a3) (Protein-tyrosine phosphatase of regenerating liver 3) (PRL-3) (PRL-R).
TRBP2_HUMAN	chembl	Q12878	TAR RNA-binding protein 2 (Trans-activation responsive RNA-binding protein)
TRFR_HUMAN	chembl	P34981	Thyrotropin-releasing hormone receptor (TRH-R) (Thyroliberin receptor)
TRPV1_HUMAN	chembl	Q9H0G9	transient receptor potential cation channel, subfamily V, member 1 [Homo sapiens]
TRPV2_RAT	chembl	Q9WUD2	vanilloid receptor-like protein 1 [Rattus norvegicus]
TRPV4_RAT	chembl	Q9ERZ8	transient receptor potential cation channel, subfamily V, member 4 [Rattus norvegicus]
TRXR1_HUMAN	chembl	Q16881	Thioredoxin reductase 1, cytoplasmic precursor (TR) (TR1)
TRXR2_HUMAN	chembl	Q9NNW7	Thioredoxin reductase 2, mitochondrial precursor (TR3) (TR-beta) (Selenoprotein Z) (SelZ)
TRXR_PLAF7	chembl	TRXR_PLAF7	Thioredoxin reductase (EC 1.8.1.9) (TrxR).
TRY1_HUMAN	chembl	Q7M4N4	Trypsin I precursor (Cationic trypsinogen)
TRY2_BOVIN	chembl	Q29463	Anionic trypsin precursor
TRY2_HUMAN	chembl	P07478	Trypsin II precursor (Anionic trypsinogen)
TRY2_RAT	chembl	P00763	Anionic trypsin II precursor (Pretrypsinogen II)
TRY3_HUMAN	chembl	A9Z1Y4	Trypsin III precursor (Brain trypsinogen) (Mesotrypsinogen) (Trypsin IV)
TRYB1_HUMAN	chembl	Q15661	Tryptase beta-1 precursor (Tryptase 1) (Tryptase I)
TRYB2_HUMAN	chembl	P20231	Tryptase beta-2 precursor (Tryptase 2) (Tryptase II)
TRYD_HUMAN	chembl	Q96RZ5	Tryptase delta precursor (Delta tryptase) (Mast cell mMCP-7-like) (HmMCP-3-like tryptase III)
TRYG1_HUMAN	chembl	Q9UBB2	Tryptase gamma precursor (Transmembrane tryptase)
TRYP_PIG	chembl	P00761	Trypsin precursor
TSPOB_HUMAN	chembl	B1AH88	peripheral benzodiazapine receptor isoform PBR-S [Homo sapiens]
TSPO_BOVIN	chembl	P30535	Peripheral-type benzodiazepine receptor (PBR) (PKBS) (Isoquinoline-binding protein) (IBP)
TTK_HUMAN	chembl	P33981	Dual specificity protein kinase TTK (EC 2.7.12.1) (Phosphotyrosine picked threonine-protein kinase) (PYT).

TXK_HUMAN	chembl	Q14220	Tyrosine-protein kinase TXK (EC 2.7.10.2).
TYPH_ECOLI	chembl	P07650	Thymidine phosphorylase (TdRPase)
TYRO_AGABI	chembl	O42713	Tyrosinase (EC 1.14.18.1) (Monophenol monooxygenase) (Phenolase) (Monophenol oxidase) (Cresolase).
TYSY_CRYNE	chembl	P45351	Thymidylate synthase (EC 2.1.1.45) (TS) (TSase).
TYSY_ECOLI	chembl	Q2MA10	Thymidylate synthase (TS) (TSase)
TYSY_HUMAN	chembl	P04818	Thymidylate synthase (TS) (TSase) (OK/SW-cl.29)
TYSY_MOUSE	chembl	P07607	Thymidylate synthase (TS) (TSase)
TYTR_TRYBB	chembl	P39051	Trypanothione reductase (TR) (N(1),N(8)-bis(glutathionyl)spermidine reductase)
UD2B7_HUMAN	chembl	Q6GTW0	UDP-glucuronosyltransferase 2B7 precursor (EC 2.4.1.17) (UDPGT) (3,4- catechol estrogen specific) (UDPGTh-2).
UL52_HHV11	chembl	UL52_HHV11	DNA helicase/primase complex protein (DNA replication protein UL52)
ULK3_MOUSE	chembl	Q9DBR8	PREDICTED: unc-51-like kinase 3 isoform 1 [Mus musculus]
UPP2_MOUSE	chembl	Q8CGR7	Uridine phosphorylase 2 (UrdPase 2) (UPase 2) (Liver-specific uridine phosphorylase) (L-UrdPase)
UR2R_HUMAN	chembl	B2RMV8	Urotensin II receptor (UR-II-R) (G protein coupled receptor 14)
V1AR_HUMAN	chembl	P37288	Vasopressin V1a receptor (V1aR) (Vascular/hepatic-type arginine vasopressin receptor) (Antidiuretic hormone receptor 1a) (AVPR V1a)
V1BR_RAT	chembl	P48974	Vasopressin V1b receptor (V1bR) (AVPR V1b) (Vasopressin V3 receptor) (AVPR V3) (Antidiuretic hormone receptor 1b)
V2R_HUMAN	chembl	P30518	Vasopressin V2 receptor (Renal-type arginine vasopressin receptor) (Antidiuretic hormone receptor) (AVPR V2)
V2R_PIG	chembl	P32307	Vasopressin V2 receptor (Renal-type arginine vasopressin receptor) (Antidiuretic hormone receptor) (AVPR V2)
VACHT_HUMAN	chembl	Q16572	Vesicular acetylcholine transporter (VAChT) (Solute carrier family 18 member 3)
VATB1_HUMAN	chembl	Q6P4H6	Vacuolar ATP synthase subunit B, kidney isoform (V-ATPase B1 subunit) (Vacuolar proton pump B isoform 1) (Endomembrane proton pump 58 kDa)

VDR_CHICK	chembl	O42392	subunit) Vitamin D3 receptor (VDR) (1,25-dihydroxyvitamin D3 receptor)
VE1_HP11	chembl	P04014	Replication protein E1
VE2_HP16	chembl	Q71B14	Regulatory protein E2
VGFR2_MOUSE	chembl	P35918	Vascular endothelial growth factor receptor 2 precursor (VEGFR-2) (Protein-tyrosine kinase receptor flk-1) (Fetal liver kinase 1) (Kinase NYK)
VGFR3_HUMAN	chembl	P35916	Vascular endothelial growth factor receptor 3 precursor (VEGFR-3) (Tyrosine-protein kinase receptor FLT4)
VGFR3_MOUSE	chembl	P35917	Vascular endothelial growth factor receptor 3 precursor (VEGFR-3) (Tyrosine-protein kinase receptor FLT4)
VMAT2_BOVIN	chembl	Q27963	Synaptic vesicular amine transporter (Monoamine transporter) (Vesicular amine transporter 2) (VAT2) (Solute carrier family 18 member 2)
VPP1_CHICK	chembl	Q9I8D0	vacuolar H(+)-transporting ATPase 116 kDa subunit, a1 isoform [Gallus gallus]
WEE1_HUMAN	chembl	P30291	Wee1-like protein kinase (WEE1hu)
XDH_BOVIN	chembl	Q95325	Xanthine dehydrogenase/oxidase (Xanthine dehydrogenase) (XD) (Xanthine oxidase) (XO) (Xanthine oxidoreductase)
XDH_HUMAN	chembl	Q4PJ16	Xanthine dehydrogenase/oxidase (Xanthine dehydrogenase) (XD) (Xanthine oxidase) (XO) (Xanthine oxidoreductase)
XPP1_HUMAN	chembl	O15250	X-prolyl aminopeptidase (aminopeptidase P) 1, soluble [Homo sapiens]
XPP2_HUMAN	chembl	A0AV16	Xaa-Pro aminopeptidase 2 precursor (X-Pro aminopeptidase 2) (Membrane-bound aminopeptidase P) (Membrane-bound APP) (Membrane-bound AmP) (mAmP) (Aminoacylproline aminopeptidase)
YES_HUMAN	chembl	A6NLB3	Proto-oncogene tyrosine-protein kinase YES (p61-YES) (C-YES)
_3clpro_sars	chembl	_3clpro_sars	nsp5-pp1a/pp1ab (3CL-PRO) [SARS coronavirus]
_ACE2_RAT	chembl	_ACE2_RAT	similar to anigotensin-converting enzyme-related carboxypeptidase [Rattus norvegicus]
_ADCY9_RAT	chembl	_ADCY9_RAT	similar to adenylyl cyclase type 9 [Rattus norvegicus]

_B1WC34_RAT	chembl	_B1WC34_RAT	similar to alpha glucosidase II, beta subunit [Rattus norvegicus]
_CA2D4_HUMAN	chembl	_CA2D4_HUMAN	voltage-gated calcium channel alpha(2)delta-4 subunit isoform 2 [Homo sapiens]
_GRINA_HUMAN	chembl	_GRINA_HUMAN	PREDICTED: NMDA receptor glutamate-binding chain [Homo sapiens]
_GRINA_RAT	chembl	_GRINA_RAT	glutamate receptor, ionotropic, N-methyl D-aspartate-associated protein 1 (glutamate binding) [Rattus norvegicus]
_HDAC1_RAT	chembl	_HDAC1_RAT	histone deacetylase 1 [Rattus norvegicus]
_HDAC7_RAT	chembl	_HDAC7_RAT	histone deacetylase 7 [Rattus norvegicus]
_KPCT_RAT	chembl	_KPCT_RAT	protein kinase C, theta [Rattus norvegicus]
_MAGI3_HUMAN	chembl	_MAGI3_HUMAN	membrane-associated guanylate kinase-related 3 [Homo sapiens]
_PA2GC_HUMAN	chembl	_PA2GC_HUMAN	PREDICTED: similar to Group IIC secretory phospholipase A2 precursor (Phosphatidylcholine 2-acylhydrolase GIIC) (GIIC sPLA2) (PLA2-8) (14 kDa phospholipase A2) [Homo sapiens]
_PDE4C_MOUSE	chembl	_PDE4C_MOUSE	phosphodiesterase 4C, cAMP specific [Mus musculus]
_PNPH_RAT	chembl	_PNPH_RAT	similar to purine-nucleoside phosphorylase, purine-nucleoside phosphorylase [Rattus norvegicus]
_POLG_HCVH	chembl	_POLG_HCVH	polyprotein [Hepatitis C virus]
_Q3TRP4_MOUSE	chembl	_Q3TRP4_MOUSE	similar to ionotropic glutamate receptor [Mus musculus]
_Q5RJZ2_RAT	chembl	_Q5RJZ2_RAT	histone deacetylase 5 [Rattus norvegicus]
_Q8I6U4_PLAF7	chembl	_Q8I6U4_PLAF7	falcipain 2 precursor [Plasmodium falciparum 3D7]
_Q8IHP6_PLAF7	chembl	_Q8IHP6_PLAF7	farnesyltransferase beta subunit, putative [Plasmodium falciparum 3D7]
_Q8II79_PLAF7	chembl	_Q8II79_PLAF7	farnesyl pyrophosphate synthase, putative [Plasmodium falciparum 3D7]
_Q8II92_PLAF7	chembl	_Q8II92_PLAF7	deoxyuridine 5-triphosphate nucleotidohydrolase, putative [Plasmodium falciparum 3D7]
_Q99P97_RAT	chembl	_Q99P97_RAT	histone deacetylase 6 [Rattus norvegicus]
_Q99PA1_RAT	chembl	_Q99PA1_RAT	histone deacetylase 2 [Rattus norvegicus]
_Q9LGC6_ORYSJ	chembl	_Q9LGC6_ORYSJ	putative alpha-glucosidase [Oryza sativa (japonica cultivar-group)]
_Q9QZG8_RAT	chembl	_Q9QZG8_RAT	similar to adenylyl cyclase type VII [Rattus norvegicus]
_RABP1_CHICK	chembl	_RABP1_CHICK	PREDICTED: similar to Retinoic acid-binding

_RXRG_RAT	chembl	_RXRG_RAT	protein I, cellular (CRABP-I) [Gallus gallus]
_TRXR3_HUMAN	chembl	_TRXR3_HUMAN	retinoid X receptor gamma [Rattus norvegicus]
			PREDICTED: thioredoxin reductase 3 [Homo sapiens]
_adcyl1_rat	chembl	_adcyl1_rat	similar to brain adenylate cyclase 1, adenylyl cyclase, ATP pyrophosphate-lyase, 3,5-cyclic AMP synthetase, adenylate cyclase type I, brain type I adenylyl cyclase [Rattus norvegicus]
			AF2 neuropeptide receptor
_af2_nprec	chembl	_af2_nprec	Calf thymus DNA
_clfthym_DNA	chembl	_clfthym_DNA	F1F0-ATPase
_f1f0_bovine	chembl	_f1f0_bovine	PREDICTED: similar to fucosidase, alpha-L- 2, plasma, partial [Bos taurus]
_fuca2_bovin	chembl	_fuca2_bovin	similar to alpha glucosidase II, alpha subunit [Rattus norvegicus]
_ganab_rat	chembl	_ganab_rat	integrase [Human immunodeficiency virus 1]
			mAb 3E7
_integr_hiv1	chembl	_integr_hiv1	Mitochondrial complex I
_mab_3e7	chembl	_mab_3e7	Mitochondrial complex 3
_mito_cplx1	chembl	_mito_cplx1	NS3 protein [Dengue virus type 2]
_mito_cplx3	chembl	_mito_cplx3	NS3 protease/helicase [Hepatitis C virus]
_ns3_denguev	chembl	_ns3_denguev	NS4A protein [Hepatitis C virus]
_ns3_hepcv	chembl	_ns3_hepcv	NS5B RNA-dependent RNA polymerase [Hepatitis C virus]
_ns4a_hepcv	chembl	_ns4a_hepcv	NUCLEIC-ACID
_ns5b_hepcv	chembl	_ns5b_hepcv	P3 purinoceptor
			PREDICTED: similar to cGMP-inhibited 3,5-cyclic phosphodiesterase B (Cyclic GMP inhibited phosphodiesterase B) (CGI-PDE B) (CGIPDE1) (CGIP1) [Bos taurus]
_nucl_acid	chembl	_nucl_acid	polyprotein [Human rhinovirus B]
_p3purino	chembl	_p3purino	proteinase/capsid scaffold protein [Human herpesvirus 4]
_pde3b_bovin	chembl	_pde3b_bovin	protease [Human rhinovirus A]
			3C (protease) [Human rhinovirus B]
_poly_hrvb	chembl	_poly_hrvb	Proteasome
_protcap_hhv4	chembl	_protcap_hhv4	retinoic acid receptor, beta [Rattus norvegicus]
			reverse transcriptase [Human immunodeficiency virus 1]
_protease_hrva	chembl	_protease_hrva	
_protease_hrvb	chembl	_protease_hrvb	
_proteasome	chembl	_proteasome	
_rarb_rat	chembl	_rarb_rat	
_revtr_hiv1	chembl	_revtr_hiv1	

_rib_rna	chembl	_rib_rna	Ribosomal RNA A-site
_sigma2	chembl	_sigma2	Sigma 2 receptor
(24)SMT	wombat	(ommitted)	delta(24)-sterol-C-methyltransferase [-]
(24)SR	wombat		delta(24)-sterol-reductase [-]
12-LOX	wombat	(ommitted)	arachidonate 12-lipoxygenase [-]
20S proteasome	wombat		threonine protease [-]
5alpha-R	wombat		3-oxo-5-alpha-steroid 4-dehydrogenase [-]
5-HT1	wombat		5-hydroxytryptamine 1 receptor, serotonergic receptor [-]
5-HT1B/1D	wombat		5-hydroxytryptamine 1 receptor [-]
5-HT1C	wombat		5-hydroxytryptamine 2C receptor [-]
5-HT1-like	wombat		5-hydroxytryptamine 1-like receptor
5-HT4E	wombat		5-hydroxytryptamine 4 receptor [-]
6-PGDH	wombat	(ommitted)	6-phosphogluconate dehydrogenase [-]
ABCA-1	wombat	(ommitted)	ATP-binding cassette sub-family A member 1, ATP-binding cassette transporter 1 [+]
Abl	wombat		tyrosine-protein kinase transforming protein Abl [-]
AC	wombat		adenylyl cyclase type I [-]
ACAT	wombat		acylCoA:cholesterol O-acyltransferase [-]
ACC	wombat	(ommitted)	acetyl-CoA carboxylase 1 [-]
AcpS	wombat	(ommitted)	holo-[acyl-carrier-protein] synthase [-]
ADH pi	wombat	(ommitted)	alcohol dehydrogenase [-]
ADH sigma	wombat	(ommitted)	alcohol dehydrogenase [-]
AdoHcy hydrolase	wombat		S-adenosyl-L-homocysteine hydrolase [-]
AdoMetDC	wombat	(ommitted)	S-adenosylmethionine decarboxylase [-]
AhR	wombat		aryl hydrocarbon receptor [-]
AIDH	wombat		aldehyde dehydrogenase 1A2 [-]
ALDH2	wombat	(ommitted)	aldehyde dehydrogenase 1A2 [-]
ALK-5	wombat		activin receptor-like kinase 5, transforming growth factor-beta type I receptor [-]
alpha2d	wombat		alpha2d adrenergic receptor [-]
alpha-galactosidase	wombat		alpha-D-galactoside galactohydrolase, alpha-D-galactosidase A, agalsidase alfa [-]
alpha-glucosidase	wombat	(ommitted)	alpha-glucosidase II [-]
alpha-L-fucosidase	wombat		alpha-L-fucoside fucohydrolase [-]
alpha-L-fucosidase	wombat		alpha-L-fucoside fucohydrolase [-]
I			
alpha-	wombat	(ommitted)	Golgi alpha-mannosidase II [-]

mannosidase

ALR2	wombat		aldose reductase 2 [-]
AMO	wombat		copper-containing amine oxidase, tyramine oxidase [-]
AMPK	wombat	(ommitted)	5'-AMP-activated protein kinase, catalytic alpha-1 chain [-]
AM-R	wombat	(ommitted)	Adrenomedullin receptor [-]
ANT	wombat		anandamide transporter [-]
AOS	wombat	(ommitted)	allene oxide synthase, cytochrome P450 74A, hydroperoxide dehydrase [-]
APA	wombat		aminopeptidase A [-]
APN	wombat		aminopeptidase N, alanyl aminopeptidase [-]
AP-TNAP	wombat	(ommitted)	alkaline phosphatase, tissue-nonspecific isozyme precursor, liver/bone/kidney isozyme [-]
ASGP-R	wombat	(ommitted)	asialoglycoprotein receptor, hepatic lectin 1 [-]
A-SMase	wombat		sphingomyelin phosphodiesterase, acid sphingomyelinase [-]
AT	wombat		angiotensin II receptor [-]
ATM	wombat	(ommitted)	ataxia-telangiectasia mutated protein
BAO	wombat		benzylamine oxidase [-]
Bcl-2	wombat		Bcl-2 [-]
beta	wombat		beta adrenergic receptor [-]
beta1	wombat		beta1 adrenergic receptor [-]
beta-galactosidase	wombat		beta-galactosidase [-]
beta-glucuronidase	wombat		beta-glucuronidase [-]
beta-hexosaminidase	wombat	(ommitted)	N-acetyl-beta-glucosaminidase [-]
beta-lactamase	wombat	(ommitted)	beta-lactamase TEM-1, penicillinase [-]
BK B1	wombat		B1 bradykinin receptor [-]
BK B2	wombat	(ommitted)	B2 bradykinin receptor [-]
Blk	wombat		tyrosine-protein kinase BLK, B lymphocyte kinase [-]
BN/GRP	wombat	(ommitted)	GRP-preffering bombesin receptor [-]
BoNt/B	wombat	(ommitted)	botulinum neurotoxin type B [-]
BRS-3	wombat		bombesin receptor [+]
C3	wombat	(ommitted)	complement component C3 [-]
Ca(2+) ATPase	wombat		Ca(2+) ATPase [-]
Ca(2+)	wombat	(ommitted)	voltage-dependent L-type calcium channel [-]

channel/DHP			
c-Abl	wombat		tyrosine-protein kinase transforming protein Abl [-]
calcineurin	wombat		serine/threonine protein phosphatase 2B catalytic subunit, alpha isoform, calmodulin-dependent calcineurin A subunit, alpha isoform [-]
CaM	wombat	(ommitted)	calcium/calmodulin-dependent protein kinase type I [-]
CaMPKase	wombat	(ommitted)	calcium/calmodulin-dependent protein kinase type I [-]
CaMPKase II	wombat		Ca(2+)/calmodulin-dependent kinase II [-]
cannabinoid	wombat		cannabinoid receptor [-]
caspase	wombat		caspase [+]
caspase-1	wombat		caspase-1, interleukin-1 beta converting enzyme [-]
caspase-4	wombat	(ommitted)	ICH-2 protease, TX protease [-]
caspase-5	wombat	(ommitted)	ICH-3 protease, TY protease [-]
caspase-6	wombat		apoptotic protease Mch-2 [-]
caspase-7	wombat		apoptotic protease Mch-3 [-]
caspase-8	wombat		apoptotic protease Mch-5 [-]
cathepsin B	wombat		APP secretase [-]
cathepsin S	wombat		cathepsin S [-]
CBG	wombat	(ommitted)	corticosteroid-binding globulin, transcortin [-]
CCK	wombat		gastrin/cholecystokinin receptor [-]
CCK2	wombat		gastrin/cholecystokinin type B receptor [-]
CCR2	wombat		C-C chemokine receptor type 2 [-]
CD80	wombat	(ommitted)	T lymphocyte activation antigen CD80, activation B7-1 antigen [-]
CDK	wombat		cyclin-dependent kinase [-]
CDK1	wombat		cyclin-dependent kinase 1 [-]
CDK1/cyclin B	wombat		cyclin-dependent kinase 1 [-]
CDK2	wombat		cyclin-dependent kinase 2 [-]
CDK5	wombat		cell division protein kinase 5 [-]
CEase	wombat		cholesterol esterase [-]
cellobiase	wombat		beta-glucosidase, gentiobiase, amygdalase [-]
CFTR	wombat	(ommitted)	cystic fibrosis transmembrane conductance regulator, cAMP-dependent chloride channel
CGRP1 R	wombat		calcitonin gene-related peptide type 1 receptor [-]
ChAT	wombat	(ommitted)	choline O-acetyltransferase
ChC	wombat	(ommitted)	Clostridium histolyticum collagenase [-]

ChoK	wombat	(ommitted)	choline kinase [-]
CHS	wombat	(ommitted)	chitin synthase 1, chitin-UDP acetyl-glucosaminyl transferase 1, Class-I chitin synthase 1 [-]
chymotrypsin	wombat		chymotrypsinogen A [-]
CK1	wombat	(ommitted)	casein kinase I, alpha isoform [-]
CK2	wombat	(ommitted)	casein kinase II [-]
c-Kit	wombat		mast/stem cell growth factor receptor, proto-oncogene tyrosine-protein kinase Kit [-]
collagen	wombat		collagen [-]
COMT	wombat	(ommitted)	catecholamine O-Me transferase [-]
COX	wombat		prostaglandin H2 synthase [-]
CPB	wombat	(ommitted)	cysteine protease B [-]
CPG2	wombat		carboxypeptidase G2 [-]
CRABP-II	wombat		cellular retinoic acid binding protein [-]
CRDGF	wombat	(ommitted)	colorectum cell-derived growth factor [-]
CRF-R2	wombat	(ommitted)	corticotropin releasing factor receptor 2, corticotropin-releasing hormone receptor 2 [-]
c-Src	wombat		proto-oncogene tyrosine-protein kinase SRC [-]
CT-R	wombat	(ommitted)	calcitonin receptor precursor [-]
CXCR	wombat		C-X-C chemokine receptor [-]
Cyt c	wombat	(ommitted)	cytochrome c
Cyt-P450	wombat		cytochrome P450 [-]
Cyt-P450-11A1	wombat	(ommitted)	cytochrome P450 11A1, steroid 11-beta-hydroxylase [-]
Cyt-P450-11B1	wombat	(ommitted)	cytochrome P450 11B1 [-]
Cyt-P450-11B2	wombat		cytochrome P450 11B2 [-]
Cyt-P450-26	wombat		cytochrome P450 26, retinoic acid 4-hydroxylase [-]
Cyt-P450-26A1	wombat		cytochrome P450 26A1, retinoic acid-metabolizing cytochrome [-]
Cyt-P450-27	wombat		cytochrome P450 27, 25-hydroxyvitamin D(3) 1-alpha-hydroxylase [-]
Cyt-P450-2A5	wombat		coumarin 7-hydroxylase [-]
Cyt-P450-2C8	wombat		S-mephenytoin 4-hydroxylase [-]
Cyt-P450-3A	wombat		quinine 3-monooxygenase, nifedipine oxidase [-]
Cyt-P450-4F2	wombat		cytochrome P450 4F2 [-]
Cyt-P450-51	wombat	(ommitted)	sterol 14-alpha demethylase, lanosterol 14-alpha demethylase [-]
Cyt-P450-7A1	wombat	(ommitted)	cytochrome P450 7A1, cholesterol 7-alpha-

D(D2+D3)	wombat		hydroxylase [-]
D1A	wombat		dopamine receptor [-]
D1C	wombat		D1A dopamine receptor [-]
D2B	wombat		D1C dopamine receptor
D2C	wombat		D2B dopamine receptor [-]
DAO	wombat	(ommitted)	D2C dopamine receptor
DBHase	wombat		diamine oxidase [-]
DDAH-1	wombat	(ommitted)	dopamine beta-hydroxylase [-]
			Dimethylarginine dimethylaminohydrolase 1, NG,NG-dimethylarginine dimethylaminohydrolase 1 [-]
delta + kappa	wombat		delta-type opioid receptor/kappa-type opioid receptor [-]
delta1	wombat		delta-type opioid receptor [-]
delta2	wombat		delta-type opioid receptor [-]
DHADH	wombat		dihydroxyacetanilide dehydrogenase [-]
DHAE	wombat		dihydroxyacetanilide epoxidase [-]
DHNA	wombat	(ommitted)	dihydroneopterin aldolase [-]
DHPS	wombat		dihydropteroate synthase [-]
DHQase II	wombat	(ommitted)	3-dehydroquinate dehydratase [-]
DHSase	wombat		deoxyhipusine synthase [-]
DNA	wombat		DNA [-]
DNA polymerase	wombat		DNA-directed RNA polymerase [-]
DNA-PK	wombat		ataxia-telangiectasia-mutated and Rad3-related protein [-]
dopamine receptor	wombat		dopamine receptor [-]
DPP IV-beta	wombat		dipeptidyl peptidase IV [-]
DPP8	wombat		dipeptidyl peptidase 8 [-]
dUTPase	wombat		deoxyuridine 5'-triphosphate nucleotidohydrolase, mitochondrial, dUTP pyrophosphatase [-]
DXP	wombat	(ommitted)	1-deoxy-D-xylulose 5-phosphate reductoisomerase [-]
dynammin-1	wombat		dynammin-1 [-]
EAAT1	wombat	(ommitted)	excitatory amino acid transporter 1, sodium- dependent glutamate/aspartate transporter 1 [-]
EAAT2	wombat	(ommitted)	excitatory amino acid transporter 2, sodium- dependent glutamate/aspartate transporter 2 [-]
EcR	wombat	(ommitted)	ecdysone receptor [+]

EGFR	wombat		epidermal growth factor receptor [-]
EH	wombat	(ommitted)	microsomal epoxide hydrolase, epoxide hydratase [-]
elastase	wombat		elastase 1 [-]
endothiasepsin	wombat	(ommitted)	Endothia aspartic proteinase [-]
EP	wombat	(ommitted)	prostaglandin E2 receptor, EP1 subtype [-]
EphB2	wombat		erythropoietin-producing hepatocellular receptor tyrosine kinase [-]
ER	wombat		estrogen receptor [-]
ermAM	wombat		erythromycin-resistance methylase, rRNA adenine N-6-methyltransferase, ErmAM methyltransferase [-]
ermC'	wombat	(ommitted)	erythromycin-resistance methylase, rRNA adenine N-6-methyltransferase, ErmC' methyltransferase [-]
ERRalpha	wombat		estrogen-related receptor, alpha, estrogen receptor-like 1 [-]
E-selectin	wombat		leukocyte-endothelial cell adhesion molecule 2, endothelial leukocyte adhesion molecule 1, ELAM-1, CD62E antigen, LECAM1 2 [-]
EST	wombat	(ommitted)	estrogen sulfotransferase, estrone sulfotransferase [-]
F1F0 ATPase	wombat		ATP hydrolase [-]
FabB	wombat	(ommitted)	3-oxoacyl-[acyl-carrier-protein] synthase 1, beta-ketoacyl-ACP synthase I [-]
FabH	wombat	(ommitted)	3-oxoacyl-[acyl-carrier-protein] synthase III, beta-ketoacyl-ACP synthase III [-]
FabI	wombat		enoyl-[acyl-carrier-protein] reductase [NADH] [-]
FabZ	wombat		(3R)-hydroxymyristoyl-[acyl carrier protein] dehydratase, (3R)-hydroxymyristoyl ACP dehydrase [-]
falcipain	wombat	(ommitted)	falcipain 2 [-]
falcipain 2	wombat	(ommitted)	falcipain 2 [-]
falcipain 2A	wombat	(ommitted)	falcipain 2 [-]
falcipain 2B	wombat	(ommitted)	falcipain 2 [-]
falcipain 3	wombat	(ommitted)	falcipain 3 [-]
FasLR	wombat		apoptosis-mediating surface antigen Fas, Fas antigen, CD95 antigen, Apo-1 antigen [-]
FBP	wombat	(ommitted)	far upstream element binding protein 1, DNA helicase V

Fbs1	wombat	(ommitted)	flavin-binding kelch repeat F-box protein 1-like protein 1, adagio protein 2
FGFR	wombat	(ommitted)	fibroblast growth factor receptor 1 [-]
FIV-1 PR	wombat		FIV-1 retropepsin [-]
FKBP	wombat		FK-506 binding protein, FK506-binding protein 8, FKBP38 [-]
FOLT	wombat	(ommitted)	folate transporter 1 [-]
FPPSase	wombat		farnesyl pyrophosphate synthetase, dimethylallyltranstransferase [-]
FPR1	wombat		formyl peptide receptor, N-formyl-Met-Leu-Phe receptor [-]
FSH-R	wombat	(ommitted)	follicle-stimulating hormone receptor [-]
furin	wombat		paired basic amino acid residue cleaving enzyme, PACE [-]
fVII	wombat		coagulation factor VII [-]
fXIV	wombat	(ommitted)	vitamin K-dependent protein C, autoprote thrombin IIA, anticoagulant protein C, blood coagulation factor XIV [-]
Fyn	wombat		proto-oncogene tyrosine-protein kinase Fyn [-]
GABA ATase	wombat	(ommitted)	GABA aminotransferase [-]
GABA-A/PTX	wombat		gamma-aminobutyric acid receptor, picrotoxin site [-]
GAPDHase	wombat	(ommitted)	glycosomal glyceraldehyde-3-phosphate dehydrogenase
GART	wombat		GAR transformylase, glycinamide ribonucleotide formyltransferase [-]
GAT2	wombat	(ommitted)	sodium- and chloride-dependent GABA transporter 2 [-]
GAT3	wombat	(ommitted)	sodium- and chloride-dependent GABA transporter 3 [-]
GDH	wombat	(ommitted)	glutamate dehydrogenase [-]
GGTase	wombat	(ommitted)	protein geranylgeranyltransferase type I alpha subunit [-]
GGTase I	wombat	(ommitted)	protein geranylgeranyltransferase [-]
GHRHR	wombat	(ommitted)	growth hormone-releasing hormone receptor [-]
GHSR	wombat	(ommitted)	growth hormone secretagogue receptor, growth hormone-releasing peptide receptor [-]
Gi	wombat		heterotrimeric G protein, alpha1 isoform [+]
Glc-6-P	wombat	(ommitted)	glucose-6-phosphate translocase, hydrolase [-]

translocase			
GLP-1	wombat		glucagon-like peptide 1 receptor [+]
GLSase	wombat	(ommitted)	1,3-beta-D-glucan synthase [-]
GluRac	wombat	(ommitted)	glutamate racemase 1 [-]
GLUT1	wombat	(ommitted)	glucose transporter type 1, erythrocyte/brain, HepG2 glucose transporter [-]
glutamate receptor	wombat		glutamate receptor ionotropic [-]
glyoxalase I	wombat		lactoylglutathione lyase, S-D-lactoylglutathione methylglyoxal lyase, ketone-aldehyde mutase, methylglyoxalase, aldoketomutase [-]
GPR109b	wombat	(ommitted)	nicotinic acid receptor 2, G-protein coupled receptor 109B [+]
Grb2	wombat		growth factor receptor-bound protein 2 [-]
GRO-alpha	wombat	(ommitted)	growth-related oncogene, chemokine CXCL1/GRO-alpha [-]
GS	wombat	(ommitted)	glycogen [starch] synthase [-]
GSK-3alpha/beta	wombat		glycogen synthase kinase-3 beta [-]
GSK-3beta	wombat		glycogen synthase kinase-3 beta [-]
GSPS	wombat		glutathionylspermidine synthase [-]
GSTase	wombat	(ommitted)	glutathione S-transferase [-]
GTPase	wombat	(ommitted)	7,8-dihydro-8-oxoguanine triphosphatase [+]
H(+)/K(+) ATPase	wombat	(ommitted)	potassium-transporting ATPase [-]
HB-EGF	wombat	(ommitted)	heparin-binding EGF-like growth factor [-]
HBV RT	wombat		hepatitis B virus reverse transcriptase [-]
HCoV 3CLP	wombat	(ommitted)	human coronavirus 3C-like proteinase [-]
HDA-1A	wombat	(ommitted)	histone deacetylase 1A [-]
HDA-1B	wombat	(ommitted)	histone deacetylase 1B [-]
HDA2	wombat	(ommitted)	histone deacetylase 2 [-]
helicase	wombat		human papillomavirus E1 helicase [-]
HEMA	wombat	(ommitted)	hemagglutinin [-]
HIV-1 IN	wombat	(ommitted)	nucleotidyltransferase [-]
HIV-1 P	wombat	(ommitted)	HIV-1 retropepsin [-]
HIV-1 RT	wombat	(ommitted)	RNA-directed DNA polymerase, DNA nucleotidyltransferase, revertase [-]
HIV-1 Tat	wombat	(ommitted)	transactivating regulatory protein [-]
HIV-2 P	wombat	(ommitted)	HIV-2 retropepsin [-]
HIV-2 RT	wombat	(ommitted)	RNA-directed DNA polymerase, DNA nucleotidyltransferase, revertase [-]

HK I	wombat		hexokinase type I, hexokinase-1 [-]
HLA class I	wombat		HLA class I histocompatibility antigen, HLA-BH*2705 protein
HLA-A2	wombat	(ommitted)	HLA class II histocompatibility antigen, A-2 alpha [-]
HPK/P	wombat	(ommitted)	histidine-containing protein kinase/phosphorylase [-]
HPRT	wombat	(ommitted)	hypoxanthine-guanine phosphoribosyltransferase [-]
HRV 3C P	wombat		HRV 3C P [-]
hsp90	wombat	(ommitted)	heat shock protein HSP 90-alpha [-]
HSV-1 TK	wombat	(ommitted)	human simplex virus 1 thymidine kinase [-]
HSV-2 TK	wombat		herpes simplex virus 2 thymidine kinase [-]
I-1	wombat		I1 imidazoline receptor [-]
I1-IBS	wombat		I1 imidazolidine binding site [-]
I-2	wombat		I2 imidazoline receptor [-]
I2-IBS	wombat		I2 imidazolidine binding site [-]
IAG-NH	wombat	(ommitted)	inosine-adenosine-guanosine-nucleoside hydrolase [-]
IF-2	wombat	(ommitted)	translation initiation factor IF-2 [-]
IFN-alpha	wombat		interferon-alpha [+]
IFN-gamma	wombat	(ommitted)	interferon-gamma [-]
IgE	wombat		immunoglobulin E [-]
IgE(LB4)	wombat		IgE monoclonal antibody LB4
IgE/FcERI	wombat	(ommitted)	IgE FC receptor, alpha-subunit, high affinity immunoglobulin epsilon receptor alpha-subunit [-]
IGF1R	wombat		insulin-like growth factor I receptor [-]
IGFBP-1	wombat	(ommitted)	insulin growth factor binding protein 1 [-]
IKK-alpha	wombat		inhibitor of nuclear factor kappa B kinase alpha [-]
IL-1beta	wombat	(ommitted)	interleukin-1 beta, catabolin [-]
IL-2	wombat	(ommitted)	interleukin-2, T-cell growth factor [-]
IL-4	wombat	(ommitted)	interleukin-4, B-cell stimulatory factor 1 [-]
IL-5	wombat		interleukin-5, T-cell replacing factor [-]
IL-6	wombat	(ommitted)	interleukin-6, B-cell stimulatory factor 2, interferon beta-2 [-]
IMPDH	wombat	(ommitted)	inosine-5'-monophosphate dehydrogenase [-]
influenza A polymerase	wombat		RNA-directed RNA polymerase subunit P1, polymerase basic 1 protein [-]
influenza B polymerase	wombat	(ommitted)	RNA-directed RNA polymerase subunit P1, polymerase basic 1 protein [-]
Ins(3,4,5,6)P4 1K	wombat		inositol 3,4,5,6 tetrakisphosphate 1-kinase [-]

InsP3 5-phosphatase	wombat	(ommitted)
InsP3-5-phosphatase	wombat	(ommitted)
InsP3R1	wombat	
InsP4R	wombat	(ommitted)
INSR	wombat	
integrase	wombat	
IP3K	wombat	(ommitted)
IRS	wombat	(ommitted)
IU-NH	wombat	(ommitted)
JAK-3	wombat	
JHE	wombat	(ommitted)
JNK2alpha1	wombat	(ommitted)
K(+) channel	wombat	(ommitted)
K3H	wombat	
kallikrein	wombat	
kappa1	wombat	
kappa2b	wombat	
kappa3	wombat	
K-ATP	wombat	
KIAA1363	wombat	
lactase	wombat	(ommitted)
LAP	wombat	
L-CA	wombat	
Lck	wombat	
LCP	wombat	(ommitted)
LDH	wombat	(ommitted)
LDH-C4	wombat	
LDL	wombat	
LDL-R	wombat	(ommitted)
LFA-1	wombat	
L-HDH	wombat	
lipoprotein	wombat	
low density lipoproteins	wombat	

inositol-1,4,5-trisphosphate 5-phosphatase [-]
inositol-1,4,5-trisphosphate 5-phosphatase [-]
inositol 1,4,5-triphosphate receptor type 1 [-]
inositol-(1,3,4,5)-tetrakisphosphate receptor [-]
insulin receptor [-]
nucleotidyltransferase [-]
inositol-trisphosphate 3-kinase [-]
isoleucyl-tRNA synthetase [-]
inosine-uridine preferring nucleoside hydrolase [-]
tyrosine-protein kinase JAK3, Janus kinase 3 [-]
juvenile hormone esterase [-]
C-JUN amino-terminal kinase-2 alpha1 [-]
ATP-sensitive K(+) channel [-]
kynurenine 3-hydroxylase [-]
kallikrein 1 [-]
kappa-type opioid receptor [-]
kappa-type opioid receptor [-]
kappa-type opioid receptor [-]
ATP-sensitive K(+) channel [-]
KIAA1363 protein [-]
beta-galactosidase [-]
cytosol aminopeptidase, leucyl aminopeptidase [-]
leukocyte common antigen precursor, CD45 antigen [-]
proto-oncogene tyrosine-protein kinase Lck [-]
Leishmania donovani cysteine protease [-]
L-lactate dehydrogenase [-]
lactate dehydrogenase [-]
low density lipoprotein [-]
low-density lipoprotein [+]
leukocyte function-associated antigen-1, CD11a/CD18, alphaL/beta2 [-]
L-hexonate dehydrogenase [-]
lipoprotein [-]
low density lipoproteins [-]

Lp(a)	wombat	(ommitted)	apolipoprotein(a) [-]
LRS	wombat		leucyl-tRNA synthetase [-]
LSD	wombat	(ommitted)	Lignostilbene alpha, beta-dioxygenase [-]
L-selectin	wombat		leukocyte-endothelial cell adhesion molecule 1, CD62L [-]
LTA4 hydrolase	wombat		leukotriene A4 hydrolase [-]
LTB4	wombat	(ommitted)	leukotriene B4 receptor 1 [-]
LTB4 R1	wombat		leukotriene B4 receptor [-]
LTD4	wombat		cysteinyl leukotriene receptor 1, leukotriene D4 receptor [-]
LTD4 R	wombat		cysteinyl leukotriene receptor 1, leukotriene D4 receptor [-]
LTE4 R	wombat		leukotriene E4 receptor [-]
luciferase	wombat	(ommitted)	luciferin 4-monooxygenase [-]
LuxS	wombat	(ommitted)	S-ribosylhomocysteinase, autoinducer-2 production protein luxS [-]
Lyn	wombat		tyrosine-protein kinase Lyn [-]
lysozyme	wombat		lysozyme [-]
m3/m2	wombat		muscarinic acetylcholine receptor [+]
mAb 1B3	wombat		monoclonal antibody 1B3 [-]
maltase	wombat		alpha-glucosidase [-]
MAO	wombat	(ommitted)	amine oxidase [flavin-containing] A [-]
MAPK p38	wombat		cytokine suppressive anti-inflammatory drug binding protein, mitogen-activated protein kinase p38 alpha [-]
MCA	wombat		mycothiol-S-conjugate amidase [-]
MCHR1	wombat		melanin-concentrating hormone receptor 1 [-]
MCR	wombat		melanocortin receptor [-]
MDH	wombat		malate dehydrogenase [-]
Mek1	wombat	(ommitted)	mitogen-activated protein kinase kinase kinase 1 [-]
melatonin	wombat		melatonin receptor [-]
mGluR	wombat		metabotropic glutamate receptor [-]
mGluR1	wombat		metabotropic glutamate receptor 1 [-]
mGluR1a	wombat		metabotropic glutamate receptor 1a [-]
mGluR2	wombat		metabotropic glutamate receptor 2 [-]
mGluR4	wombat		metabotropic glutamate receptor 4 [-]
mitochondrial complex I	wombat	(ommitted)	NADH:ubiquinone oxidoreductase [-]

MKK1	wombat		mitogen-activated protein kinase kinase kinase 1 [-]
MLK-3	wombat	(ommitted)	mitogen-activated protein kinase kinase kinase 11 [-]
MLK-7	wombat		mixed lineage kinase 7 [-]
MMP-13	wombat		collagenase 3, matrix metalloprotease-13 [-]
MRS	wombat	(ommitted)	methionyl-tRNA synthetase [-]
MT1	wombat		melatonin receptor type 1a [-]
MT3	wombat		melatonin receptor type 3, melatonin receptor type 1c [-]
MTL-R	wombat		motilin receptor [-]
mu1	wombat		mu-type opioid receptor [-]
mu2	wombat		mu-type opioid receptor [-]
murB	wombat	(ommitted)	UDP-N-acetylenolpyruvoylglucosamine reductase, UDP-N-acetylmuramate dehydrogenase [-]
murC	wombat	(ommitted)	UDP-N-acetylmuramate-L-alanine ligase, UDP-N-acetylmuramoyl-L-alanine synthetase [-]
MurD	wombat	(ommitted)	UDP-N-acetylmuramoylalanine-D-glutamate ligase, UDP-N-acetylmuramoyl-L-alanyl-D-glutamate synthetase [-]
murD	wombat	(ommitted)	UDP-N-acetylmuramoylalanine-D-glutamate ligase, UDP-N-acetylmuramoyl-L-alanyl-D-glutamate synthetase [-]
murF	wombat	(ommitted)	UDP-N-acetylmuramoyl-tripeptide-D-alanyl-D-alanine ligase, D-alanyl-D-alanine-adding enzyme [-]
muscarinic	wombat		muscarinic acetylcholine receptor [-]
Na(+)/(K+)-ATPase	wombat	(ommitted)	sodium/potassium-transporting ATPase, sodium pump 1 [-]
Na(+)/Ca(2+)-exchanger	wombat	(ommitted)	sodium/calcium exchanger 1, Na(+)/Ca(2+)-exchange protein 1 [-]
Na(+)/D-glucose cotransporter	wombat		sodium-D-glucose cotransporter [-]
nAChR-5HT3	wombat		neuronal acetylcholine receptor, 5-hydroxy tryptamine 3 receptor
NADH oxidoreductase	wombat	(ommitted)	NADH:ubiquinone oxidoreductase [-]
NADPH-Cyt c reductase	wombat		NADPH-cytochrome c reductase
NADS	wombat	(ommitted)	NH(3)-dependent NAD(+) synthetase [-]

NAT	wombat	(ommitted)	arylamine N-acetyltransferase [-]
NC/KOR-3	wombat	(ommitted)	orphanin FQ/nociceptin receptor, kappa-type 3
neuraminidase	wombat	(ommitted)	opioid receptor [-]
NFAT-1	wombat	(ommitted)	influenza A sialidase [-]
NHE-2	wombat	(ommitted)	nuclear factor of activated T-cells 1 [-]
NHE-3	wombat	(ommitted)	Na(+)/H(+) exchanger 2, Na(+)/H(+) antiporter [-]
NHE-5	wombat	(ommitted)	Na(+)/H(+) exchanger 3, Na(+)/H(+) antiporter [-]
nitroreductase	wombat	(ommitted)	Na(+)/H(+) exchanger 5, Na(+)/H(+) antiporter [-]
NMB-R	wombat		oxygen insensitive NAD(P)H nitroreductase [-]
NMDA/Gly	wombat		neuromedin B receptor [+]
NOXase	wombat		glutamate receptor ionotropic, NMDA, glycine site [-]
NPAA	wombat		NADH oxidase [-]
NPFF	wombat	(ommitted)	N-palmitoylethanolamine-selective acid amidase [-]
NPY2-R	wombat		neuropeptide FF receptor type 1 [-]
NPY4-R	wombat	(ommitted)	neuropeptide Y receptor type 2 [-]
NPY-R	wombat		neuropeptide Y receptor type 4 [-]
NRase	wombat	(ommitted)	neuropeptide Y receptor [-]
NS3 P	wombat	(ommitted)	Escherichia coli B nitroreductase, oxygen
NS3/4A P	wombat	(ommitted)	insensitive NAD(P)H nitroreductase [-]
NS3/NS4A P	wombat	(ommitted)	hepacivirin [-]
NS3P	wombat	(ommitted)	hepacivirin [-]
NS5B	wombat	(ommitted)	hepacivirin [-]
NS5B P	wombat	(ommitted)	hepacivirin [-]
N-SMase	wombat		nonstructural protein NS5B, RNA-directed RNA
NT3	wombat		polymerase [-]
NTPase/helicase	wombat		nonstructural protein NS5B, RNA-directed RNA
NTPDase1	wombat		polymerase [-]
OAR	wombat	(ommitted)	neutral sphingomyelinase [-]
opioid	wombat		neurotensin receptor type 3 [-]
p21	wombat		West Nile virus NTPase/helicase [-]
P2X1 R	wombat		ectonucleoside triphosphate diphosphohydrolase 1
P2X2 R	wombat		[-]
			octopamine receptor [+]
			opioid receptor [-]
			p21 protein [-]
			P2X purinoceptor 1 [-]
			P2X purinoceptor 2 [-]

P2X3 R	wombat		P2X purinoceptor 3 [-]
P2Y R	wombat		P2Y purinoceptor [-]
P2Y1 R	wombat	(ommitted)	P2Y purinoceptor 1 [-]
P2Y11 R	wombat	(ommitted)	P2Y purinoceptor 11 [-]
p34cdc2/kinase	wombat	(ommitted)	cyclin-dependent kinase 1 [-]
P3LP	wombat		P3 purinoceptor, P3 purinoceptor-like protein [-]
p53	wombat	(ommitted)	tumor suppressor p53-binding protein 2 [-]
PAF-R	wombat		platelet-activating factor receptor [-]
PAI-1	wombat		plasminogen activator inhibitor-1, endothelial plasminogen activator inhibitor [-]
PAPT	wombat		putrescine aminopropyltransferase, spermidine synthase [-]
PAR	wombat	(ommitted)	thrombin receptor, protease activated receptor-1
PARG	wombat	(ommitted)	poly(ADP-ribose) glycohydrolase [-]
PAT	wombat		amino acid-polyamine-organocation (APC) transporter [-]
PBP1a	wombat	(ommitted)	penicillin-insensitive transglycosylase, penicillin-sensitive transpeptidase [-]
PBP1b	wombat	(ommitted)	penicillin-insensitive transglycosylase, penicillin-sensitive transpeptidase [-]
PBP2	wombat		penicillin-sensitive transpeptidase [-]
PBP3	wombat	(ommitted)	peptidoglycan synthetase ftsI precursor, peptidoglycan glycosyltransferase 3, penicillin-binding protein 3 [-]
PBP4	wombat	(ommitted)	penicillin-binding protein 4 [-]
pCa	wombat		protein C activator [-]
PCPase	wombat	(ommitted)	bone morphogenetic protein 1 precursor, procollagen C-proteinase [-]
PDE	wombat		cAMP-specific PDE [-]
PDE1/PDE5	wombat		phosphodiesterase [-]
PDE4A	wombat		cAMP-specific PDE [-]
PDE5A	wombat		cGMP-specific PDE [-]
PDGFR	wombat		platelet derived growth factor receptor [-]
PDGFR-beta	wombat		platelet derived growth factor receptor [-]
PDH	wombat		dihydrolipoyllsine-residue acetyltransferase component of pyruvate dehydrogenase complex, dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase complex
PEP	wombat		prolyl endopeptidase, prolyl oligopeptidase [-]

PGH	wombat	(ommitted)	peptidylglycine monooxygenase, peptidylglycine 2-hydroxylase [-]
PHXase	wombat	(ommitted)	prolyl 4-hydroxylase, procollagen-proline, 2-oxo-glutarate-4-dioxygenase [-]
PI3-K	wombat		phosphatidylinositol 3-kinase [-]
Pin1	wombat		peptidyl-prolyl cis-trans isomerase, rotamase [-]
PI-PLC	wombat		phosphatidylinositol-specific phospholipase C [-]
PKB	wombat		protein kinase B, beta, RAC-beta serine/threonine protein kinase, protein kinase Akt-2 [-]
PKC-beta1	wombat		protein kinase C type beta-I [-]
PKC-iota	wombat		protein kinase C, iota type [-]
PLA1	wombat		phospholipase A1, phosphatidylcholine 1-acylhydrolase [-]
PLB1	wombat	(ommitted)	phospholipase B1 [-]
PNMTase	wombat		phenylethanolamine N-methyl transferase [-]
PNP	wombat		purine nucleoside phosphorylase [-]
PNPPase	wombat		4-nitrophenylphosphatase [-]
PO	wombat		monophenol, dihydrophenylalanine: oxygen oxidoreductase [-]
polymerase	wombat	(ommitted)	DNA-directed DNA polymerase [-]
polymerase beta	wombat	(ommitted)	DNA polymerase beta [-]
POTA	wombat		spermidine/putrescine transport ATP-binding protein potA [-]
PP1	wombat		protein phosphatase 1 [-]
PP2A	wombat		protein phosphatase 2A [-]
PP2C	wombat		protein phosphatase 2C [-]
PPAT	wombat	(ommitted)	phosphopantetheine adenylyltransferase, dephospho-CoA pyrophosphorylase [-]
PPi-PFK	wombat	(ommitted)	PPi-dependent phosphofructokinase [-]
PPMTase	wombat	(ommitted)	prenylcysteine carboxyl methyltransferase, prenylated protein carboxyl methyltransferase [-]
PR-A	wombat		progesterone receptor [-]
PR-B1	wombat		progesterone receptor [-]
probable HIV-1 RT	wombat	(ommitted)	RNA-directed DNA polymerase, DNA nucleotidyltransferase, revertase [-]
probable PGP	wombat	(ommitted)	P-glycoprotein 1, multi-drug resistance protein 1
MDR1			
prolidase	wombat		proline dipeptidase [-]
PrP	wombat		major prion protein [-]

P-selectin	wombat		leukocyte-endothelial cell adhesion molecule 3, granule membrane protein 140, PADGEM, CD62P, LECAM3 [-]
PS-PLA1	wombat	(ommitted)	phosphatidylserine-specific phospholipase A1 [-]
PTH/PTHr-R	wombat	(ommitted)	parathyroid hormone/parathyroid hormone-related peptide receptor [+]
PTP LAR	wombat	(ommitted)	leukocyte common antigen-related phosphatase ptp2 [-]
PTPase-MEG2	wombat	(ommitted)	protein tyrosine phosphatase, non-receptor type 9, protein-tyrosine phosphatase MEG2 [-]
PTP-epsilon	wombat	(ommitted)	protein-tyrosine phosphatase epsilon [-]
PTP-mu	wombat	(ommitted)	protein-tyrosine phosphatase mu [-]
PTP-sigma	wombat	(ommitted)	receptor-type protein-tyrosine phosphatase S, protein-tyrosine phosphatase sigma [-]
PXR	wombat		pregnane X receptor [-]
QUIS	wombat		glutamate receptor ionotropic, quisqualic acid site [-]
ras oncogene	wombat	(ommitted)	Ki-ras oncogene [-]
retinoid	wombat		retinoic acid receptor [+]
RNA	wombat		RNA
RNAP	wombat	(ommitted)	DNA-directed RNA polymerase [-]
RNase L	wombat	(ommitted)	2-5A-dependent ribonuclease, ribonuclease L [-]
ROK	wombat	(ommitted)	rho-associated protein kinase 1 [-]
rotamase	wombat		peptidyl-prolyl cis-trans isomerase, rotamase [-]
RRase	wombat		ribonucleotide reductase [-]
rRNA	wombat		rRNA [-]
SA	wombat	(ommitted)	serum albumin [-]
SAP	wombat	(ommitted)	secreted aspartic protease 2, candidapepsin 2, aspartate protease 2 [-]
SAP2	wombat	(ommitted)	secreted aspartic protease 2, candidapepsin 2, aspartate protease 2 [-]
SAPK2a	wombat		stress-activated protein kinase 2a, p38 [-]
SAPK2b	wombat		stress-activated protein kinase 2b, p38b2 [-]
SAPK3	wombat		stress-activated protein kinase 3, p38g [-]
SAPK4	wombat		stress-activated protein kinase 4, p38d [-]
SB-204269 binding site	wombat		SB-204269 binding site [-]
SBP	wombat		sterol binding protein [-]
SD	wombat		scytalone dehydratase [-]

sGC	wombat		soluble guanylate cyclase [-]
SHP-2	wombat	(ommitted)	protein-tyrosine phosphatase 2C, protein-tyrosine phosphatase, non-receptor type 11 [-]
sialidase	wombat	(ommitted)	influenza A neuraminidase [-]
sigma	wombat		sigma receptor [-]
sigma1/sigma2	wombat		sigma receptor [-]
sigma2	wombat		sigma receptor, type 2 [-]
sigma3	wombat		sigma receptor, type 3 [-]
sigma-like	wombat		sigma-like receptor [-]
Sir2	wombat	(ommitted)	NAD-dependent histone deacetylase SIR2, silent information regulator 2 [-]
SIRT2	wombat		NAD-dependent deacetylase sirtuin 2 [-]
sKasA	wombat	(ommitted)	3-oxoacyl-[acyl-carrier-protein] synthase 1, beta-ketoacyl-ACP synthase 1, KasA [-]
sKasB	wombat	(ommitted)	3-oxoacyl-[acyl-carrier-protein] synthase 2, beta-ketoacyl-ACP synthase 2 [-]
SkM1	wombat		sodium channel, skeletal muscle type 1 [-]
SOD	wombat	(ommitted)	superoxide dismutase [-]
somatostatin	wombat		somatostatin receptor [-]
SpsB	wombat	(ommitted)	signal peptidase IB [-]
squalene epoxidase	wombat		squalene epoxidase [-]
SrtA	wombat	(ommitted)	sortase A [-]
SSAO	wombat	(ommitted)	semicarbazide-sensitive amine oxidase [-]
SSAT	wombat	(ommitted)	spermidine/spermine N(1)-acetyltransferase 1, putrescine acetyltransferase, diamine acetyltransferase 1, polyamine N-acetyltransferase 1 [-]
sst	wombat		somatostatin receptor [-]
STase	wombat	(ommitted)	alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase [-]
Stat3	wombat		signal transduction and activator of transcription 3, acute-phase response factor [-]
SV2/LBS	wombat		synaptic vesicle protein SV2, levetiracetam binding site [-]
SVCT2	wombat	(ommitted)	sodium-dependent vitamin C transporter 2, Na(+)/L-ascorbic acid transporter 2 [-]
TAAR1	wombat	(ommitted)	trace amine-associated receptor 1, trace amine receptor 1 [+]

TACE	wombat	
TAFI	wombat	
TATase	wombat	(ommitted)
TCR	wombat	
Tec	wombat	(ommitted)
TeNt	wombat	
TetP	wombat	
TGase	wombat	
TGFR-1 (ALK-5)	wombat	
TGFR-2	wombat	
TGT	wombat	(ommitted)
THR-alpha	wombat	(ommitted)
THR-alpha1	wombat	(ommitted)
THR-beta	wombat	(ommitted)
TMPKmt	wombat	
TNFalpha	wombat	(ommitted)
topoisomerase I	wombat	
topoisomerase II	wombat	
topoisomerase IV	wombat	(ommitted)
TPO-R	wombat	(ommitted)
trehalase	wombat	(ommitted)
TRHR2	wombat	
tryptase	wombat	(ommitted)
TTF rho	wombat	(ommitted)
tubulin	wombat	(ommitted)
UDG	wombat	(ommitted)
UDP-GlcNAc transporter	wombat	
UDT1A4	wombat	(ommitted)
U-MtCK	wombat	(ommitted)
US-28	wombat	(ommitted)
v-Abl	wombat	
VAcHT/vesamicol site	wombat	
vanilloid	wombat	

TNFalpha converting enzyme [-]
thrombin-activatable fibrinolysis inhibitor [-]
tyrosine aminotransferase [-]
T cell receptor [-]
tyrosine-protein kinase Tec
tetanus neurotoxin [-]
tetracycline antiport transporter [-]
transglutaminase [-]
activin receptor-like kinase 5, transforming growth factor-beta type I receptor [-]
TGF-beta receptor type II precursor [-]
tRNA-guanine transglycosylase [-]
thyroid hormone receptor alpha [-]
thyroid hormone receptor alpha-1 [-]
thyroid hormone receptor beta [-]
Mycobacterium tuberculosis thymidine monophosphate kinase [-]
tumor necrosis factor-alpha, cachectin [-]
DNA topoisomerase I [-]
topoisomerase II [-]
topoisomerase IV [-]
thrombopoietin receptor [+]
alpha,alpha-trehalose glucohydrolase [-]
thyrotropin-releasing hormone receptor subtype 2 [-]
tryptase 1 [-]
transcription termination factor rho [-]
tubulin [-]
uracil DNA glycosylase [-]
UDP-N-acetylglucosamine transporter, Golgi UDP-GlcNAc transporter [-]
UDP-glucuronosyltransferase 1A4 [-]
creatine kinase, ubiquitous mitochondrial [-]
G-protein coupled receptor homolog US28 [-]
tyrosine-protein kinase transforming protein Abl [-]
vesicular acetylcholine transporter, vesamicol site [-]
capsaicin receptor, vanilloid receptor [-]

VAT1	wombat		chromaffin granule amine transporter, vesicular amine transporter 1 [-]	
V-ATPase	wombat	(ommitted)	vacuolar ATP synthase [-]	
VEGFR-3	wombat		vascular endothelial growth factor receptor 3 [-]	
VRS	wombat	(ommitted)	valyl-tRNA synthetase [-]	
VSP1	wombat		vacuolar pyrophosphatase [-]	
v-Src	wombat	(ommitted)	tyrosine-protein kinase transforming protein Src [-]	
XO	wombat		xanthine oxidase [-]	
Yes	wombat		proto-oncogene tyrosine-protein kinase Yes [-]	
YOP	wombat	(ommitted)	protein-tyrosine phosphatase yopH [-]	
	1129	mddr	n/a	Opioid Agonist
	1131	mddr	n/a	kappa Agonist
	1132	mddr	n/a	delta Agonist
	1133	mddr	n/a	mu Agonist
	1150	mddr	n/a	Opioid Mixed Agonist-Antagonist
	1210	mddr	n/a	PGE2 Antagonist
	2110	mddr	n/a	Anaphylatoxin Receptor Antagonist
	2451	mddr	n/a	IL-1beta Converting Enzyme Inhibitor
	2456	mddr	n/a	IL-8 Inhibitor
	2520	mddr	n/a	Bradykinin Antagonist
	2521	mddr	n/a	Bradykinin BK1 Antagonist
	2522	mddr	n/a	Bradykinin BK2 Antagonist
	2630	mddr	n/a	Complement Inhibitor
	3200	mddr	n/a	Xanthine Oxidase Inhibitor
	6210	mddr	n/a	Benzodiazepine
	6211	mddr	n/a	Benzodiazepine Agonist
	6212	mddr	n/a	Benzodiazepine Agonist/Antagonist
	6213	mddr	n/a	Benzodiazepine Antagonist
	6214	mddr	n/a	GABA A/Benzodiazepine Receptor Complex-Related Drug
	6215	mddr	n/a	CRF Antagonist
	6216	mddr	n/a	Benzodiazepine Inverse Agonist
	6230	mddr	n/a	5 HT Antagonist
	6232	mddr	n/a	5 HT2 Antagonist
	6233	mddr	n/a	5 HT3 Antagonist
	6234	mddr	n/a	5 HT1 Agonist
	6235	mddr	n/a	5 HT1A Agonist
	6236	mddr	n/a	5 HT1B Agonist

6237	mddr	n/a
6240	mddr	n/a
6241	mddr	n/a
6242	mddr	n/a
6243	mddr	n/a
6246	mddr	n/a
6247	mddr	n/a
6248	mddr	n/a
6249	mddr	n/a
6250	mddr	n/a
6251	mddr	n/a
7701	mddr	n/a
7702	mddr	n/a
7703	mddr	n/a
7707	mddr	n/a
7708	mddr	n/a
7709	mddr	n/a
7710	mddr	n/a
8010	mddr	n/a
8015	mddr	n/a
8400	mddr	n/a
8410	mddr	n/a
8420	mddr	n/a
8450	mddr	n/a
8451	mddr	n/a
9221	mddr	n/a
9229	mddr	n/a
9231	mddr	n/a
9248	mddr	n/a
9249	mddr	n/a
9254	mddr	n/a
10500	mddr	n/a
11123	mddr	n/a
11124	mddr	n/a
11125	mddr	n/a
11130	mddr	n/a
12125	mddr	n/a

5 HT1C Agonist
5 HT1A Antagonist
5 HT4 Agonist
5 HT4 Antagonist
5 HT3 Agonist
5 HT1D Agonist
5 HT1D Antagonist
5 HT2A Antagonist
5 HT2B Antagonist
5 HT2C Antagonist
5 HT1F Agonist
Dopamine (D2) Antagonist
Dopamine (D1) Antagonist
Dopamine (D3) Antagonist
Adenosine (A1) Agonist
Adenosine (A2) Agonist
Neurotensin Receptor Antagonist
Dopamine (D4) Antagonist
Adrenoceptor (alpha2) Antagonist
Adrenoceptor (alpha1) Agonist
MAO Inhibitor
MAO A Inhibitor
MAO B Inhibitor
Adenosine (A1) Antagonist
Adenosine (A2) Antagonist
Acetylcholinesterase Inhibitor
Nicotinic Agonist
TRH Analog
Prolylendopeptidase Inhibitor
Muscarinic (M1) Agonist
Muscarinic (M2) Antagonist
GABA-B Receptor Antagonist
Dopamine Agonist
Dopamine (D1) Agonist
Dopamine (D2) Agonist
MAO B Inhibitor
GABA B Agonist

12455	mddr	n/a	NMDA Receptor Antagonist
12457	mddr	n/a	AMPA Receptor Antagonist
12462	mddr	n/a	3-Hydroxyanthranilate Oxygenase Inhibitor
12463	mddr	n/a	Kainic Acid Receptor Antagonist
12464	mddr	n/a	Nitric Oxide Synthase Inhibitor
12471	mddr	n/a	mGlu1 Antagonist
16020	mddr	n/a	Anticholinesterase
16100	mddr	n/a	Adrenergic (beta) Blocker
16110	mddr	n/a	Adrenergic (alpha2) Agonist
16200	mddr	n/a	Carbonic Anhydrase Inhibitor
16250	mddr	n/a	Prostaglandin
17100	mddr	n/a	Anticholinergic, Ophthalmic
17200	mddr	n/a	Adrenergic, Ophthalmic
27110	mddr	n/a	Adrenergic (beta) Agonist
27130	mddr	n/a	Anticholinergic
27222	mddr	n/a	Leukotriene A4 Hydrolase Inhibitor
27223	mddr	n/a	Adenosine A3 Antagonist
27261	mddr	n/a	PAF Antagonist
27300	mddr	n/a	Antihistaminic
28210	mddr	n/a	Adrenergic (beta1) Agonist
28310	mddr	n/a	Phosphodiesterase Inhibitor
28330	mddr	n/a	Adenylate Cyclase Activator
31250	mddr	n/a	Adrenergic (beta) Blocker
31251	mddr	n/a	Adrenergic (beta1) Blocker
31260	mddr	n/a	Adrenergic (alpha) Blocker
31261	mddr	n/a	Adrenergic (alpha1) Blocker
31262	mddr	n/a	Adrenergic (alpha2) Blocker
31281	mddr	n/a	Dopamine beta-Hydroxylase Inhibitor
31340	mddr	n/a	Vasopressin Antagonist
31341	mddr	n/a	Vasopressin V1 Antagonist
31342	mddr	n/a	Vasopressin V2 Antagonist
31410	mddr	n/a	ACE Inhibitor
31420	mddr	n/a	Renin Inhibitor
31430	mddr	n/a	Angiotensin II Blocker
31432	mddr	n/a	Angiotensin II AT1 Antagonist
31433	mddr	n/a	Angiotensin II AT2 Antagonist
31650	mddr	n/a	Endothelin Antagonist

31651	mddr	n/a	Endothelin Agonist
31655	mddr	n/a	Endothelin ETA Antagonist
31656	mddr	n/a	Endothelin ETB Antagonist
34620	mddr	n/a	Neutral Endopeptidase Inhibitor
37110	mddr	n/a	Thrombin Inhibitor
37121	mddr	n/a	Factor Xa Inhibitor
37125	mddr	n/a	Factor VIIa Inhibitor
37230	mddr	n/a	Thromboxane Synthetase Inhibitor
37231	mddr	n/a	Thromboxane Antagonist
37240	mddr	n/a	CAMP Phosphodiesterase Inhibitor
37252	mddr	n/a	Prostaglandin
37268	mddr	n/a	P2T Purinoreceptor Antagonist
39100	mddr	n/a	Glucocorticoid
39500	mddr	n/a	Antiglucocorticoid
40100	mddr	n/a	Androgen
40120	mddr	n/a	Antiandrogen
40210	mddr	n/a	Estrogen
40231	mddr	n/a	Progesterone Antagonist
41300	mddr	n/a	Estrogen Receptor Modulator
42102	mddr	n/a	Growth Hormone Release Promoting Agent
42111	mddr	n/a	Somatostatin Analog
42112	mddr	n/a	Somatostatin Antagonist
42510	mddr	n/a	LHRH Agonist
42520	mddr	n/a	LHRH Antagonist
42521	mddr	n/a	Follicle-stimulating hormone
42650	mddr	n/a	Melatonin Agonist
42651	mddr	n/a	Melatonin Antagonist
42705	mddr	n/a	CCK A Agonist
42706	mddr	n/a	CCK B Agonist
42710	mddr	n/a	CCK Agonist
42711	mddr	n/a	CCK Antagonist
42712	mddr	n/a	CCK A Antagonist
42713	mddr	n/a	CCK B Antagonist
42731	mddr	n/a	Substance P Antagonist
42732	mddr	n/a	Neurokinin Antagonist
42733	mddr	n/a	Neurokinin NK2 Antagonist
42735	mddr	n/a	Neurokinin NK3 Antagonist

42737	mddr	n/a
42738	mddr	n/a
43131	mddr	n/a
43132	mddr	n/a
43135	mddr	n/a
43136	mddr	n/a
43210	mddr	n/a
44110	mddr	n/a
44210	mddr	n/a
45100	mddr	n/a
45200	mddr	n/a
45310	mddr	n/a
49932	mddr	n/a
50100	mddr	n/a
50160	mddr	n/a
52500	mddr	n/a
52502	mddr	n/a
52503	mddr	n/a
52505	mddr	n/a
52510	mddr	n/a
52530	mddr	n/a
52700	mddr	n/a
52701	mddr	n/a
54111	mddr	n/a
54112	mddr	n/a
54113	mddr	n/a
54114	mddr	n/a
54121	mddr	n/a
58202	mddr	n/a
59505	mddr	n/a
64100	mddr	n/a
64200	mddr	n/a
64203	mddr	n/a
64210	mddr	n/a
64220	mddr	n/a
64300	mddr	n/a
64400	mddr	n/a

Bombesin Antagonist
Gastrin-Releasing Peptide Antagonist
Glucosidase (alpha) Inhibitor
Glucagon Receptor Antagonist
Adrenoceptor (alpha2) Antagonist
Adrenoceptor (beta3) Agonist
Aldose Reductase Inhibitor
Oxytocin
Oxytocin Antagonist
Thyroid Hormone
Thyroid Inhibitor
Parathyroid Hormone Antagonist
Neuropeptide Y Antagonist
Calcitonin Analog
Cathepsin L Inhibitor
HMG-CoA Reductase (beta) Inhibitor
Squalene Synthetase Inhibitor
Squalene Epoxidase Inhibitor
2,3-Oxidosqualene-Lanosterol Cyclase Inhibitor
Acetyl-CoA Thiolase Inhibitor
ATP Citrate Lyase Inhibitor
ACAT Inhibitor
Cholesterol Esterase Inhibitor
H2 Antagonist
H+/K+-ATPase Inhibitor
Antimuscarinic
Prostaglandin
Prostaglandin
Muscarinic M3 Antagonist
Retinoid
Monocyclic beta-Lactam
Cephalosporin
Isocephem
Oxacephem
Carbacephem
Penicillin
Penem

64500	mddr	n/a
64530	mddr	n/a
64550	mddr	n/a
64600	mddr	n/a
71522	mddr	n/a
71523	mddr	n/a
71524	mddr	n/a
71527	mddr	n/a
75711	mddr	n/a
75721	mddr	n/a
75730	mddr	n/a
75755	mddr	n/a
78251	mddr	n/a
78323	mddr	n/a
78325	mddr	n/a
78326	mddr	n/a
78329	mddr	n/a
78330	mddr	n/a
78331	mddr	n/a
78335	mddr	n/a
78336	mddr	n/a
78337	mddr	n/a
78341	mddr	n/a
78342	mddr	n/a
78348	mddr	n/a
78351	mddr	n/a
78352	mddr	n/a
78353	mddr	n/a
78362	mddr	n/a
78363	mddr	n/a
78366	mddr	n/a
78370	mddr	n/a
78371	mddr	n/a
78373	mddr	n/a
78374	mddr	n/a
78375	mddr	n/a
78376	mddr	n/a

Carbapenem
Tribactam
Lactam (beta) Antibiotic
Lactamase (beta) Inhibitor
Reverse Transcriptase Inhibitor
HIV-1 Protease Inhibitor
TAT Inhibitor
HIV Integrase Inhibitor
Antiestrogen
Aromatase Inhibitor
Estrone Sulfatase Inhibitor
Vitamin D Analog
Guanylate Cyclase Activator
Elastase Inhibitor
S-Adenosyl-L-Homocysteine Hydrolase Inhibitor
Chymotrypsin Inhibitor
Dipeptidyl Aminopeptidase IV Inhibitor
Protease Inhibitor
Cyclooxygenase Inhibitor
Steroid (5alpha) Reductase Inhibitor
Glucosidase (alpha) Inhibitor
Protocollagen Prolyl Hydroxylase Inhibitor
Purine Nucleoside Phosphorylase Inhibitor
Glucuronidase (beta) Inhibitor
Phospholipase A2 Inhibitor
Lipoxygenase Inhibitor
Uridine Phosphorylase Inhibitor
Adenosine Deaminase Inhibitor
Thymidylate Synthetase Inhibitor
Trypsin Inhibitor
Ribonucleotide Reductase Inhibitor
Tyrosine-Specific Protein Kinase Inhibitor
Collagenase Inhibitor
Topoisomerase Inhibitor
Protein Kinase C Inhibitor
Thiol Protease Inhibitor
Mannosidase Inhibitor

78378	mddr	n/a
78385	mddr	n/a
78387	mddr	n/a
78389	mddr	n/a
78390	mddr	n/a
78391	mddr	n/a
78393	mddr	n/a
78394	mddr	n/a
78396	mddr	n/a
78398	mddr	n/a
78401	mddr	n/a
78403	mddr	n/a
78406	mddr	n/a
78407	mddr	n/a
78409	mddr	n/a
78411	mddr	n/a
78413	mddr	n/a
78415	mddr	n/a
78416	mddr	n/a
78420	mddr	n/a
78424	mddr	n/a
78427	mddr	n/a
78429	mddr	n/a
78432	mddr	n/a
78437	mddr	n/a
78439	mddr	n/a
78440	mddr	n/a
78444	mddr	n/a
78445	mddr	n/a
78446	mddr	n/a
78451	mddr	n/a
78453	mddr	n/a
78454	mddr	n/a
78460	mddr	n/a

Ornithine Decarboxylase Inhibitor
Adenosine Kinase Inhibitor
Dihydroorotase Inhibitor
Dihydrofolate Reductase Inhibitor
Folypolyglutamate Synthetase Inhibitor
Thymidine Kinase Inhibitor
COMT Inhibitor
Poly(ADP-ribose)synthetase Inhibitor
Dehydropeptidase-I Inhibitor
Proteoglycanase Inhibitor
Phosphatidylinositol Kinase Inhibitor
Glycinamide Ribonucleotide Formyltransferase Inhibitor
Transglutaminase (Factor XIIIa) Inhibitor
S-Adenosyl-L-methionine Decarboxylase Inhibitor
Phospholipase C Inhibitor
O6-Alkylguanine-DNA Alkyltransferase Inhibitor
Cathepsin B Inhibitor
Phosphodiesterase I Inhibitor
Phosphodiesterase II Inhibitor
Glutathione S-Transferase Inhibitor
Inosine Monophosphate Dehydrogenase Inhibitor
17alpha-Hydroxylase/C17-20 Lyase Inhibitor
Farnesyl Protein Transferase Inhibitor
Matrix Metalloproteinase Inhibitor
Phosphodiesterase V Inhibitor
Calpain Inhibitor
Prolyl-Peptidyl Isomerase Inhibitor
Tryptase Inhibitor
Glucose-6-phosphate Translocase Inhibitor
Cytochrome P450 Oxidase Inhibitor
Steroid (5alpha) Reductase 1 Inhibitor
Cyclooxygenase-1 Inhibitor
Cyclooxygenase-2 Inhibitor
Geranylgeranyl Protein Transferase Inhibitor