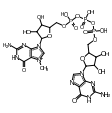
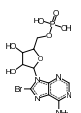
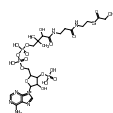
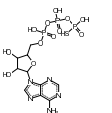
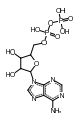
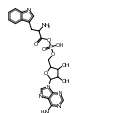
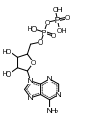
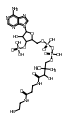
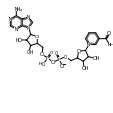
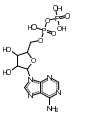
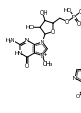
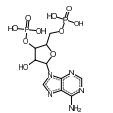
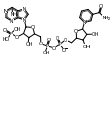
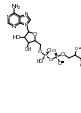
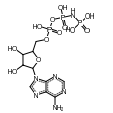
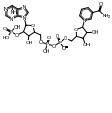
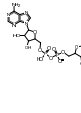
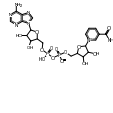
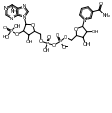
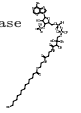
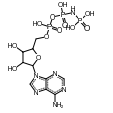
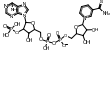
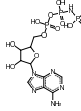
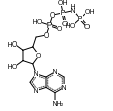
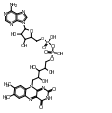
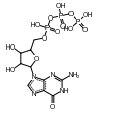
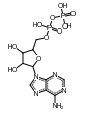
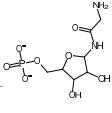
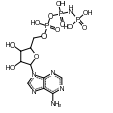
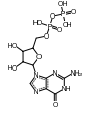
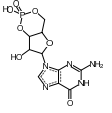
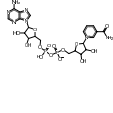
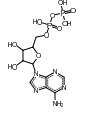
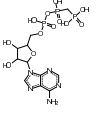
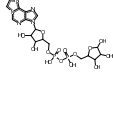
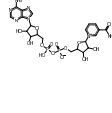
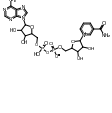
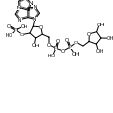
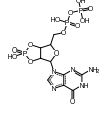
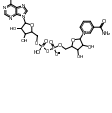
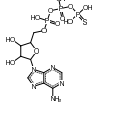
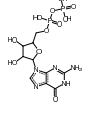
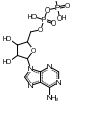
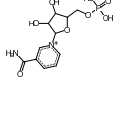
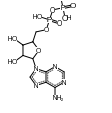
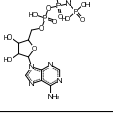
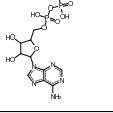
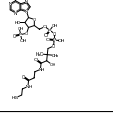
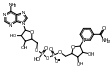
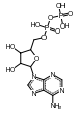
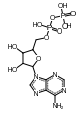
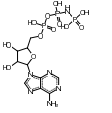
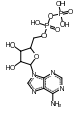
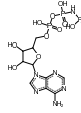
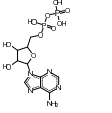
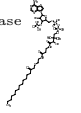
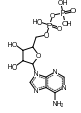
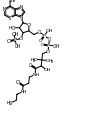
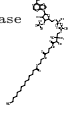
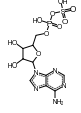
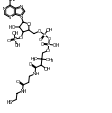
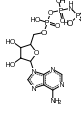
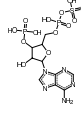
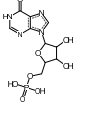
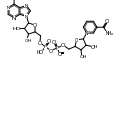
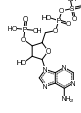
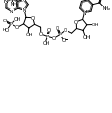
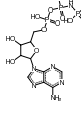
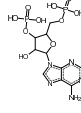
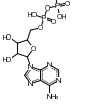
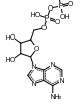
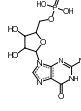


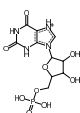
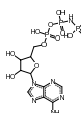
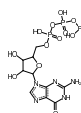
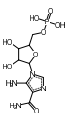
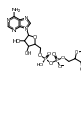
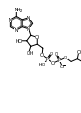
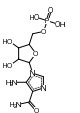
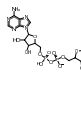
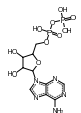
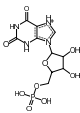
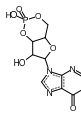
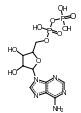
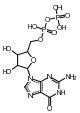
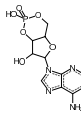
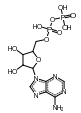
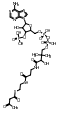
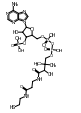
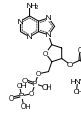
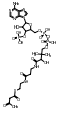
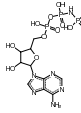
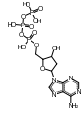
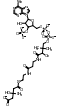
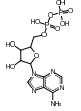
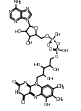
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5844	GLYG.RABIT  Glycogenin-1	DB04355 Uridine-5'-Monopho..  	5852	Target 4594 HST2.YEAST  NAD-dependent deacetylase HST2	DB02059 Adenosine-5-Diphos..  	5860	Target 3779 Q9LAK3.CAMJE  Alpha-2,3/8-sialyltransferase	DB03403 Cytidine-5'-Monopho..  
5845	Target 5320 GLYG.RABIT  Glycogenin-1	DB03435 Uridine-5'-Diphosp..  	5853	Target 2557 PAP2.VACCV  Cap-specific mRNA	DB01960 7n-Methyl-8-Hydrog..  	5861	Target 5074 FENR1.PEA  Ferredoxin-NADP reductase, leaf isozyme, chloroplast	DB03147 Flavin-Adenine Din..  
5846	Target 3524 GSTB.BPT4  DNA beta-glucosyltransferase	DB03435 Uridine-5'-Diphosp..  	5854	Target 2557 PAP2.VACCV  Cap-specific mRNA	DB03358 7n-Methyl-8-Hydrog..  	5862	Target 5074 FENR1.PEA  Ferredoxin-NADP reductase, leaf isozyme, chloroplast	DB03461 2'-Monophosphoaden..  
5847	Target 3108 RFBG.SALTY  CDP-glucose 4,6-dehydratase	DB03069 Cytidine-5'-Diphos..  	5855	Target 644 HMOX2.HUMAN  Heme oxygenase 2	DB00157 NADH  	5863	Target 454 DHB4.HUMAN  Peroxisomal multifunctional enzyme type 2	DB01907 Nicotinamide-Adeni..  
5848	Target 3108 RFBG.SALTY  CDP-glucose 4,6-dehydratase	DB02059 Adenosine-5-Diphos..  	5856	Target 214 NDUS3.HUMAN  NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial precursor	DB00157 NADH  	5864	Target 1799 G6PD.HUMAN  Glucose-6-phosphate 1-dehydrogenase	DB03461 2'-Monophosphoaden..  
5849	Target 5255 015923.TRYCR  Deoxyuridine triphosphatase	DB03413 Deoxyuridine-5'-Di..  	5857	Target 152 NDUV2.HUMAN  NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial precursor	DB00157 NADH  	5865	Target 1050 ST2A1.HUMAN  Bile salt sulfotransferase	DB01812 Adenosine-3'-5'-Di..  
5850	Target 3244 RIR3.SALTY  Ribonucleoside-diphosphate reductase 2 alpha subunit	DB03258 2'-Deoxycytidine-5..  	5858	Target 810 HMOX1.HUMAN  Heme oxygenase 1	DB00157 NADH  	5866	Target 2595 PYGM.RABIT  Glycogen phosphorylase, muscle form	DB04566 Inosinic Acid..  

5867	Target 3308 MCES_ENCCU  mRNA cap guanine-N7 methyltransferase	DB03958 Mrna Cap Ana log N7..  	5875	Target 541 PDE4B_HUMAN  cAMP-specific 3',5'-cyclic phos- phodiesterase 4B	DB03349 8-Bromo-Aden- osine-..  	5883	Target 4833 Q9X4K7_STRCO  Propionyl-CoA carboxylase complex subunit B	DB02912 Propionyl Co enzyme..  
5868	Target 4837 Q7BK04_HELPY  Cag-alfa	DB02930 Phosphothiop hospho..  	5876	Target 5271 FAK1_HUMAN  Focal adhesion ki- nase 1	DB03431 Adenosine-5' -Dipho..  	5884	Target 252 SYW_HUMAN  Tryptophanyl-t RNA synthetase	DB01831 Tryptophanyl -5'amp..  
5869	Target 4837 Q7BK04_HELPY  Cag-alfa	DB03431 Adenosine-5' -Dipho..  	5877	Target 3034 CACP_MOUSE  Carnitine O- acetyltransferase	DB01992 Coenzyme A  	5885	Target 4505 BPHB_BURXL  Cis-2,3- dihydrobiphenyl- 2,3-diol dehydro- genase	DB01907 Nicotinamide -Adeni..  
5870	Target 340 APAF_HUMAN  Apoptotic protease- activating factor 1	DB03431 Adenosine-5' -Dipho..  	5878	Target 3130 VL3_REQVD  Minor core protein lambda-3	DB03958 Mrna Cap Ana log N7..  	5886	Target 2325 ST2B1_HUMAN  Sulfotransferase family cytosolic 2B member 1	DB01812 Adenosine-3' -5'-Di..  
5871	Target 679 C1TC_HUMAN  C-1- tetrahydrofolate synthase, mito- chondrial, cytoplasmic	DB03461 2'-Monosph hoaden..  	5879	Target 147 ALDH2_HUMAN  Aldehyde de- hydrogenase, mitochondrial precursor	DB01907 Nicotinamide -Adeni..  	5887	Target 2347 PIM1_HUMAN  Proto-oncogene serine/threonine- protein kinase Pim-1	DB04395 Phosphoamino phosph..  
5872	Target 5334 NNTM_BOVIN  NAD(P) transhy- drogenase, mito- chondrial	DB03461 2'-Monosph hoaden..  	5880	Target 4463 ALDH2_BOVIN  Aldehyde de- hydrogenase, mitochondrial	DB01907 Nicotinamide -Adeni..  	5888	Target 3604 MAOM_ASCSU  NAD-dependent malic enzyme, mitochondrial precursor	DB01907 Nicotinamide -Adeni..  
5873	Target 11 NNTM_HUMAN  NAD(P) transhy- drogenase, mito- chondrial precur- sor	DB03461 2'-Monosph hoaden..  	5881	Target 2731 NMT_CANAL  Glycylpeptide N- tetradecanoyltransferase	DB02180 Myristoyl-Co a..  	5889	Target 2397 DHAK_CITFR  Dihydroxyacetone kinase	DB04395 Phosphoamino phosph..  
5874	Target 11 NNTM_HUMAN  NAD(P) transhy- drogenase, mito- chondrial precur- sor	DB01763 Tatp  	5882	Target 5648 RGRY_ARCFU  Reverse gyrase	DB04395 Phosphoamino phosph..  	5890	Target 936 EPHA2_HUMAN  Ephrin type-A re- ceptor 2 precursor	DB04395 Phosphoamino phosph..  

5891	Target 36 INSR_HUMAN Insulin receptor precursor	DB03909 Adenosine-5'-[Beta..	5899	Target 3231 DAPK1_HUMAN Death-associated protein kinase 1	DB04395 Phosphoamino phosph..	5907	Target 5284 TALA_SV40 Large T antigen	DB03431 Adenosine-5'-Dipho..
5892	Target 958 IGF1R_HUMAN Insulin-like growth factor 1 receptor precursor	DB04395 Phosphoamino phosph..	5900	Target 5313 TRPM7_MOUSE Transient receptor potential cation channel subfamily M member 7	DB04395 Phosphoamino phosph..	5908	Target 2927 AT2A1_RABIT Sarcoplasmic/endoplasmic reticulum calcium ATPase 1	DB03909 Adenosine-5'-[Beta..
5893	Target 2322 POLG_DEN2P Genome polyprotein [Contains: Capsid protein C	DB01693 Ribavirin Monophos..	5901	Target 5313 TRPM7_MOUSE Transient receptor potential cation channel subfamily M member 7	DB03431 Adenosine-5'-Dipho..	5909	Target 2927 AT2A1_RABIT Sarcoplasmic/endoplasmic reticulum calcium ATPase 1	DB03431 Adenosine-5'-Dipho..
5894	Target 2694 POLG_HCVBK Genome polyprotein [Contains: Core protein p21	DB04137 Guanosine-5'-Triph..	5902	Target 5137 CFTR_MOUSE Cystic fibrosis transmembrane conductance regulator	DB04395 Phosphoamino phosph..	5910	Target 2963 MYH11_CHICK Myosin-11	DB03431 Adenosine-5'-Dipho..
5895	Target 2928 POLG_POL1M Genome polyprotein [Contains: Capsid protein VP4	DB04137 Guanosine-5'-Triph..	5903	Target 5137 CFTR_MOUSE Cystic fibrosis transmembrane conductance regulator	DB03431 Adenosine-5'-Dipho..	5911	Target 4691 SKY1_YEAST Serine/threonine-protein kinase SKY1	DB03431 Adenosine-5'-Dipho..
5896	Target 3260 POLG_BVDVN Genome polyprotein [Contains: N-terminal protease	DB04137 Guanosine-5'-Triph..	5904	Target 3328 AR01_EMENI Pentafunctional AROM polypeptide [Includes: 3-dehydroquininate synthase	DB03431 Adenosine-5'-Dipho..	5912	Target 4691 SKY1_YEAST Serine/threonine-protein kinase SKY1	DB04395 Phosphoamino phosph..
5897	Target 5262 KIF1A_MOUSE Kinesin-like protein KIF1A	DB03431 Adenosine-5'-Dipho..	5905	Target 3328 AR01_EMENI Pentafunctional AROM polypeptide [Includes: 3-dehydroquininate synthase	DB01907 Nicotinamide-Adeni..	5913	Target 2987 KIF2C_MOUSE Kinesin-like protein KIF2C	DB03431 Adenosine-5'-Dipho..
5898	Target 5262 KIF1A_MOUSE Kinesin-like protein KIF1A	DB04395 Phosphoamino phosph..	5906	Target 4380 NDST1_HUMAN Bifunctional heparan sulfate N-deacetylase/N-sulfotransferase 1	DB01812 Adenosine-3'-5'-Di..	5914	Target 2987 KIF2C_MOUSE Kinesin-like protein KIF2C	DB04395 Phosphoamino phosph..

5915	Target 4634 MDL1_PRUSE  (R)-mandelonitrile lyase 1	DB03147 Flavin-Adenine Dinucleotide  	5923	Target 2647 RDRP_BPPH6  RNA-directed RNA polymerase	DB04137 Guanosine-5'-Triphosphate  	5931	Target 5260 HSP7C_SAGOE  Heat shock cognate 71 kDa protein	DB03431 Adenosine-5'-Diphosphate  
5916	Target 1043 PUR2_HUMAN  Trifunctional purine biosynthetic protein adenosine-3-phosphoribosylamine-glycine ligase	DB02236 Glycinamide Ribonucleotide  	5924	Target 5645 PARE_ECOLI  DNA topoisomerase 4 subunit B	DB04395 Phosphoamino phosphate  	5932	Target 3366 ENGA_THEMA  GTP-binding protein engA	DB04315 Guanosine-5'-Diphosphate  
5917	Target 2628 PDE2A_MOUSE  cGMP-dependent 3',5'-cyclic phosphodiesterase	DB02315 Cyclic Guanosine Monophosphate  	5925	Target 3487 SQD1_ARATH  UDP-sulfoquinovose synthase, chloroplast precursor	DB01907 Nicotinamide-Adenine Dinucleotide  	5933	Target 4366 Q9WZ11_THEMA  Riboflavin kinase/FMN adenylyltransferase	DB03431 Adenosine-5'-Diphosphate  
5918	Target 3434 ADK_TOXGO  Adenosine kinase	DB03909 Adenosine-5'-Beta-Diphosphate  	5926	Target 2290 BST1_HUMAN  ADP-ribosyl cyclase 2 precursor	DB02483 Etheno-Nicotinamide  	5934	Target 4490 O28608_ARCFU  Ornithine cyclodeaminase	DB01907 Nicotinamide-Adenine Dinucleotide  
5919	Target 4461 ALDH1_ELEED  Aldehyde dehydrogenase, cytosolic 1	DB01907 Nicotinamide-Adenine Dinucleotide  	5927	Target 2290 BST1_HUMAN  ADP-ribosyl cyclase 2 precursor	DB03732 Etheno-Nicotinamide  	5935	Target 3107 RELA_STREQ  Putative GTP pyrophosphokinase	DB02836 Guanosine 5'-Diphosphate  
5920	Target 4421 AL1A1_SHEEP  Retinal dehydrogenase 1	DB01907 Nicotinamide-Adenine Dinucleotide  	5928	Target 2290 BST1_HUMAN  ADP-ribosyl cyclase 2 precursor	DB01660 Adenosine-5'-Diphosphate  	5936	Target 3107 RELA_STREQ  Putative GTP pyrophosphokinase	DB04315 Guanosine-5'-Diphosphate  
5921	Target 5274 TERA_MOUSE  Transitional endoplasmic reticulum ATPase	DB03431 Adenosine-5'-Diphosphate  	5929	Target 2290 BST1_HUMAN  ADP-ribosyl cyclase 2 precursor	DB03227 Nicotinamide Mononucleotide  	5937	Target 5281 PARM_ECOLI  Plasmid segregation protein parM	DB03431 Adenosine-5'-Diphosphate  
5922	Target 5274 TERA_MOUSE  Transitional endoplasmic reticulum ATPase	DB04395 Phosphoamino phosphate  	5930	Target 5275 LMRA_LACLA  Multidrug resistance ABC transporter ATP-binding and permease protein	DB03431 Adenosine-5'-Diphosphate  	5938	Target 4564 O32248_BACSU  YvbK protein	DB01992 Coenzyme A  

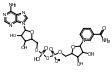
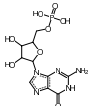
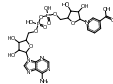
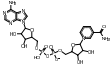
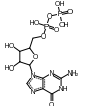
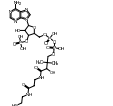
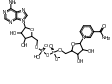

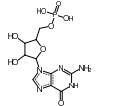
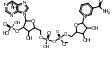

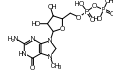
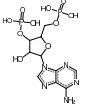

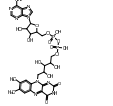
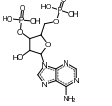
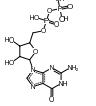
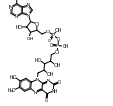
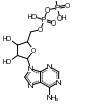
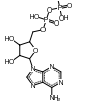
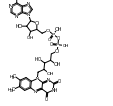
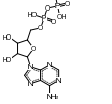
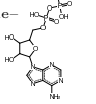
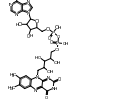
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5940	Target 5302 Q04230.ECOLI  TrwB	DB04395 Phosphoamino phosph.. 	5948	Target 4794 PPCK.ECOLI  Phosphoenolpyruvate carboxykinase [ATP]	DB03431 Adenosine-5'-Dipho.. 	5956	Target 1721 GSK3B_HUMAN  Glycogen synthase kinase-3 beta	DB04395 Phosphoamino phosph.. 
5941	Target 5302 Q04230.ECOLI  TrwB	DB03431 Adenosine-5'-Dipho.. 	5949	Target 2768 NMT_YEAST  Glycylpeptide N-tetradecanoyltransferase	DB02271 S-(2-Oxo)Pen tadecy.. 	5957	Target 1721 GSK3B_HUMAN  Glycogen synthase kinase-3 beta	DB03431 Adenosine-5'-Dipho.. 
5942	Target 3697 GLMU.ECOLI  Bifunctional protein glmU [Includes: UDP-N-acetylglucosamine pyrophosphorylase]	DB01992 Coenzyme A 	5950	Target 2768 NMT_YEAST  Glycylpeptide N-tetradecanoyltransferase	DB02180 Myristoyl-Co a.. 	5958	Target 2895 MET3.PENCH  Sulfate adenylyltransferase	DB03708 Adenosine-5'-Phosp.. 
5943	Target 3178 PFLB.ECOLI  Formate acetyltransferase 1	DB01992 Coenzyme A 	5951	Target 2965 TOP6B_SULSH  Type 2 DNA topoisomerase 6 subunit B	DB04395 Phosphoamino phosph.. 	5959	Target 2895 MET3.PENCH  Sulfate adenylyltransferase	DB02902 3'-Phosphate-Adeno.. 
5944	Target 3719 IMDH_STRPY  Inosine-5'-monophosphate dehydrogenase	DB04566 Inosinic Acid.. 	5952	Target 4495 Q9X0Q1.THEMA  3-oxoacyl-(Acyl carrier protein) reductase	DB01907 Nicotinamide-Adeni.. 	5960	Target 1275 ST1E1_HUMAN  Estrogen sulfotransferase	DB02902 3'-Phosphate-Adeno.. 
5945	Target 4403 IOLS.BACSU  Protein iolS	DB03461 2'-Monophosphoaden.. 	5953	Target 3390 KKA3.ENTFA  Aminoglycoside 3'-phosphotransferase	DB04395 Phosphoamino phosph.. 	5961	Target 1275 ST1E1_HUMAN  Estrogen sulfotransferase	DB01812 Adenosine-3'-5'-Di.. 
5946	Target 5299 DDL.LEUME  D-alanine-D-alanine ligase	DB03431 Adenosine-5'-Dipho.. 	5954	Target 3390 KKA3.ENTFA  Aminoglycoside 3'-phosphotransferase	DB03431 Adenosine-5'-Dipho.. 	5962	Target 2307 PUR9.CHICK  Bifunctional purine biosynthesis protein PURH [Includes: Phosphoribosylaminoimidazolecarboxamide formyltransferase	DB01972 Guanosine-5'-Monop.. 

5963	Target 2307 PUR9_CHICK Bifunctional purine biosynthesis protein PURH [Includes: Phosphoribosylaminoimidazolecarboxamide formyltransferase Target 2307	DB02309 5-Monophosphate-9.. 	5971	Target 5647 RADA_METVO DNA repair and recombination protein radA	DB04395 Phosphoamino phosph.. 	5979	Target 3209 DCOR_LACSS Ornithine de-carboxylase, inducible	DB04137 Guanosine-5'-Triph.. 
5964	PUR9_CHICK Bifunctional purine biosynthesis protein PURH [Includes: Phosphoribosylaminoimidazolecarboxamide formyltransferase Target 2307	DB01700 Aicar 	5972	Target 4502 FDH_PESER Formate dehydrogenase	DB01907 Nicotinamide-Adeni.. 	5980	Target 2701 NOSO_STAAN Nitric oxide synthase oxygenase	DB01907 Nicotinamide-Adeni.. 
5965	PUR9_HUMAN Bifunctional purine biosynthesis protein PURH [Includes: Phosphoribosylaminoimidazolecarboxamide formyltransferase Target 2287	DB01700 Aicar 	5973	Target 4481 AL1A2_RAT Retinal dehydrogenase 2	DB01907 Nicotinamide-Adeni.. 	5981	Target 3143 VAO_X_PENSI Vanillyl-alcohol oxidase	DB03431 Adenosine-5'-Dipho.. 
5966	PUR9_HUMAN Bifunctional purine biosynthesis protein PURH [Includes: Phosphoribosylaminoimidazolecarboxamide formyltransferase Target 2287	DB02309 5-Monophosphate-9.. 	5974	Target 2494 KAPO_BOVIN cAMP-dependent protein kinase type I-alpha regulatory subunit	DB02315 Cyclic Guanosine M.. 	5982	Target 2436 MYS2_DICDI Myosin-2 heavy chain, non muscle	DB03431 Adenosine-5'-Dipho.. 
5967	PURA_WHEAT Adenylosuccinate synthetase, chloroplast precursor Target 3166	DB04315 Guanosine-5'-Dipho.. 	5975	Target 2494 KAPO_BOVIN cAMP-dependent protein kinase type I-alpha regulatory subunit	DB02527 Cyclic Adenosine M.. 	5983	Target 5303 Q54LU0_DICDI Myosin II heavy chain	DB03431 Adenosine-5'-Dipho.. 
5968	Q9FD87_STAAN HMG-CoA synthase Target 4601	DB03059 Acetoacetyl-Coenzy.. 	5976	Target 4573 PCAF_HUMAN Histone acetyltransferase PCAF	DB01992 Coenzyme A 	5984	Target 2436 MYS2_DICDI Myosin-2 heavy chain, non muscle	DB03126 Mant-Adp 
5969	Q79ZY6_STAAN 3-hydroxy-3-methylglutaryl CoA synthase Target 4589	DB03059 Acetoacetyl-Coenzy.. 	5977	Target 937 LCK_HUMAN Proto-oncogene tyrosine-protein kinase LCK	DB04395 Phosphoamino phosph.. 	5985	Target 3244 RIR3_SALTY Ribonucleoside-diphosphate reductase 2 alpha subunit	DB03222 2'-Deoxyadenosine .. 
5970	Q79ZY6_STAAN 3-hydroxy-3-methylglutaryl CoA synthase Target 4589	DB03169 (S)-Hmg-Coa 	5978	Target 3379 KIF11_HUMAN Kinesin-like protein KIF11	DB03431 Adenosine-5'-Dipho.. 	5986	Target 2763 CDH_PHACH Cellobiose dehydrogenase precursor	DB02654 6-Hydroxy-Flavavin-A.. 

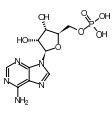
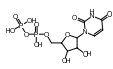
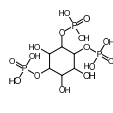
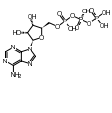
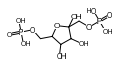
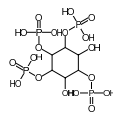
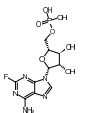
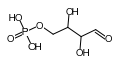
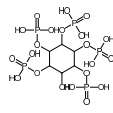
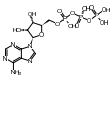
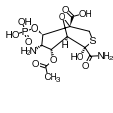
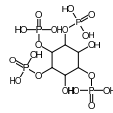
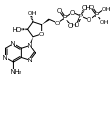
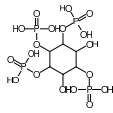
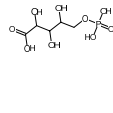
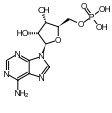
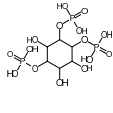
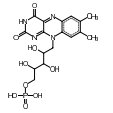
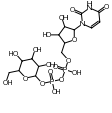
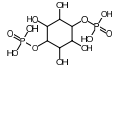
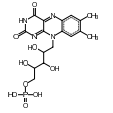
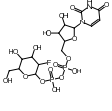
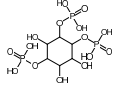
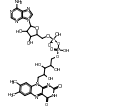
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5988	Target 2969 OXDA.PIG  D-amino-acid oxidase	DB03147 Flavin-Adenine Dinucleotide	5996	Target 5106 CKX1.MAIZE  Cytokinin dehydrogenase I	DB03147 Flavin-Adenine Dinucleotide	6004	Target 3524 GSTB.BPT4  DNA beta-glucosyltransferase	DB04355 Uridine-5'-Monophosphate
5989	Target 2380 MSOX.BACBO  Monomeric sarcosine oxidase	DB03147 Flavin-Adenine Dinucleotide	5997	Target 3767 TRX.ECOLI  Thioredoxin reductase	DB03147 Flavin-Adenine Dinucleotide	6005	Target 3697 GLMU.ECOLI  Bifunctional protein glmU [Includes: UDP-N-acetylglucosamine pyrophosphorylase]	DB03397 Uridine-Diphosphate
5990	Target 3113 PAO.MAIZE  Polyamine oxidase precursor	DB03147 Flavin-Adenine Dinucleotide	5998	Target 3763 METF.ECOLI  5,10-methylenetetrahydrofolate reductase	DB03147 Flavin-Adenine Dinucleotide	6006	Target 2317 MURD.ECOLI  UDP-N-acetylmuramoylalanine-D-glutamate ligase	DB02314 Uridine-5'-Diphosphate
5991	Target 3143 VAOX.PENSI  Vanillyl-alcohol oxidase	DB03147 Flavin-Adenine Dinucleotide	5999	Target 3504 PPOM.TOBAC  Protoporphyrinogen oxidase, mitochondrial	DB03147 Flavin-Adenine Dinucleotide	6007	Target 2317 MURD.ECOLI  UDP-N-acetylmuramoylalanine-D-glutamate ligase	DB01673 Uridine-5'-Diphosphate
5992	Target 126 DLD.ECOLI  D-lactate dehydrogenase	DB03147 Flavin-Adenine Dinucleotide	6000	Target 2401 ER01.YEAST  Endoplasmic oxidoreductin-1 precursor	DB03147 Flavin-Adenine Dinucleotide	6008	Target 3343 MGAT1.RABIT  Alpha-1,3-mannosylglycoprotein 2-beta-N-acetylglucosaminyltransferase	DB03397 Uridine-Diphosphate
5993	Target 5120 P2OX.PENSG  Pyranose 2-oxidase	DB03147 Flavin-Adenine Dinucleotide	6001	Target 2295 XDH.BOVIN  Xanthine dehydrogenase/oxidase [Includes: Xanthine dehydrogenase]	DB03147 Flavin-Adenine Dinucleotide	6009	Target 201 DHE3.HUMAN  Glutamate dehydrogenase mitochondrial precursor	DB00157 NADH
5994	Target 3510 NCP.RAT  NADPH-cytochrome P450 reductase	DB03461 2'-Monophosphoadenine	6002	Target 3487 SQD1.ARATH  UDP-sulfoquinovose synthase, chloroplast precursor	DB02554 Sulfoquinovose-Uridine	6010	Target 830 DHE4.HUMAN  Glutamate dehydrogenase mitochondrial precursor	DB00157 NADH

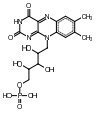
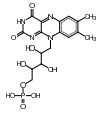
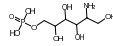
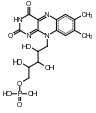
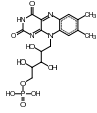
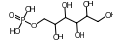
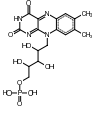
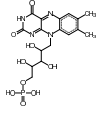
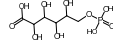
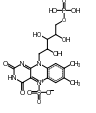
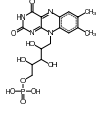
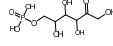
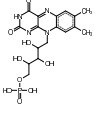
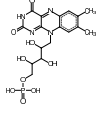
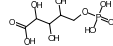
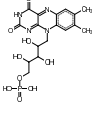
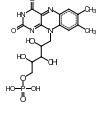
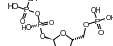
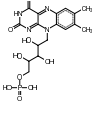
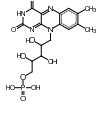
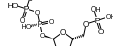
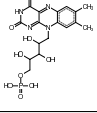
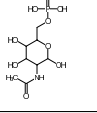
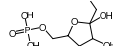
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6012	Target 829 NDUAC.HUMAN  NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12	DB00157 NADH	6020	Target 714 GSHR.HUMAN  Glutathione reductase, mitochondrial precursor	DB03147 Flavin-Adenine Din...	6028	Target 5644 PHOQ.ECOLI  Sensor protein phoQ	DB04395 Phosphoamino phosph...
Approved								
6013	Target 2812 YQHD.ECOLI  Alcohol dehydrogenase yqhD	DB02319 5,6-Dihydroxy-Nadp..	6021	Target 714 GSHR.HUMAN  Glutathione reductase, mitochondrial precursor	DB01907 Nicotinamide-Adeni...	6029	Target 4373 Q6L8F0.THETH  Medium-chain-fatty-acid-CoA ligase	DB04395 Phosphoamino phosph...
6014	Target 5096 FENR1.TOBCA  Ferredoxin-NADP reductase, leaf-type isozyme, chloroplast	DB03147 Flavin-Adenine Din...	6022	Target 2881 ABDH.ECOLI  Gamma-aminobutyraldehyde dehydrogenase	DB01907 Nicotinamide-Adeni...	6030	Target 5333 Q9X022.THEMA  Alcohol dehydrogenase, iron-containing	DB03461 2'-Monophosphoaden...
6015	Target 5116 Q9SLP6.MAIZE  Ferredoxin	DB03147 Flavin-Adenine Din...	6023	Target 327 GSHR.ECOLI  Glutathione reductase	DB01907 Nicotinamide-Adeni...	6031	Target 2018 DHYS.HUMAN  Deoxyhypusine synthase	DB01907 Nicotinamide-Adeni...
6016	Target 3370 FENR.SPIOL  Ferredoxin-NADP reductase, chloroplast precursor	DB03147 Flavin-Adenine Din...	6024	Target 327 GSHR.ECOLI  Glutathione reductase	DB03147 Flavin-Adenine Din...	6032	Target 3489 ACSA.SALTY  Acetyl-coenzyme A synthetase	DB03230 Adenosine-5'-Propy...
6017	Target 5083 CRYD.SYNY3  Cryptochrome DASH	DB03147 Flavin-Adenine Din...	6025	Target 4574 006414.MYCTU  PROBABLE NAPHTHOATE SYNTHASE MENB	DB03059 Acetoacetyl-Coenzy..	6033	Target 3489 ACSA.SALTY  Acetyl-coenzyme A synthetase	DB01992 Coenzyme A
6018	Target 5072 Q9AGP8.ARTGO  N,N-dimethylglycine oxidase	DB03147 Flavin-Adenine Din...	6026	Target 4574 006414.MYCTU  PROBABLE NAPHTHOATE SYNTHASE MENB	DB01992 Coenzyme A	6034	Target 3316 ADH4.MOUSE  Alcohol dehydrogenase 4	DB01907 Nicotinamide-Adeni...

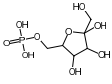
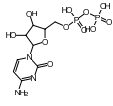
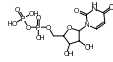
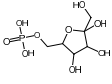
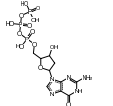
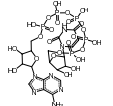
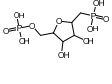
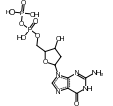
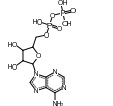
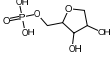
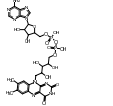
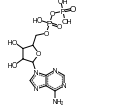
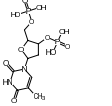
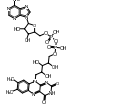
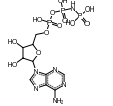
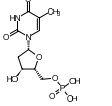
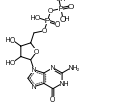
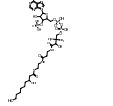
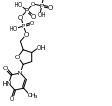
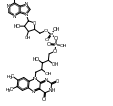
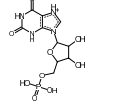
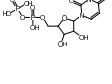
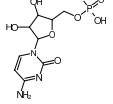
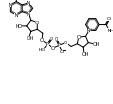


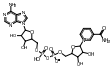
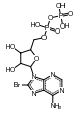
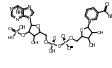
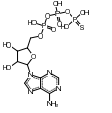
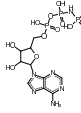
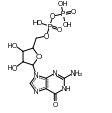
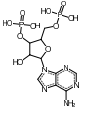
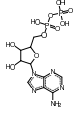
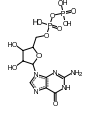
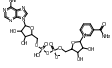
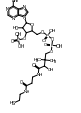
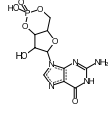
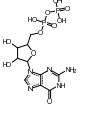
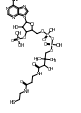
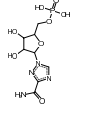
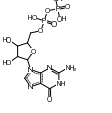
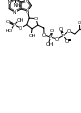
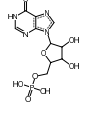
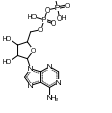
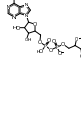
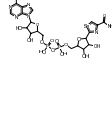
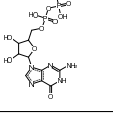
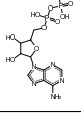
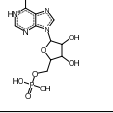
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6036	Target 4444 G3PG.TRYEB  Glyceraldehyde-3-phosphate dehydrogenase, glycosomal	DB01907 Nicotinamide-Adeni..  	6044	Target 5617 EF1A.SUL50  Elongation factor 1-alpha	DB04315 Guanosine-5'-Dipho..  	6052	Target 3246 CISY.PYRFU  Citrate synthase	DB01992 Coenzyme A  
6037	Target 2799 G3PG.TRYCR  Glyceraldehyde-3-phosphate dehydrogenase, glycosomal	DB01907 Nicotinamide-Adeni..  	6045	Target 5332 MTDA.METEX  MtdA bifunctional protein	DB03461 2'-Monophospho hoaden..  	6053	Target 2361 PLED.CAUCR  Response regulator pleD	DB01972 Guanosine-5'-Monop..  
6038	Target 5338 DIDH.RAT  3-alpha-hydroxysteroid dehydrogenase	DB03461 2'-Monophospho hoaden..  	6046	Target 3062 DHAS.HAEIN  Aspartate-semialdehyde dehydrogenase	DB03461 2'-Monophospho hoaden..  	6054	Target 2510 IF4E.YEAST  Eukaryotic translation initiation factor 4E	DB01960 7n-Methyl-8-Hydrog..  
6039	Target 2426 OST1.MOUSE  Heparan sulfate glucosamine 3-O-sulfotransferase 1 precursor	DB01812 Adenosine-3'-5'-Di..  	6047	Target 4428 REX.THEAQ  Redox-sensing transcriptional repressor rex	DB01907 Nicotinamide-Adeni..  	6055	Target 5111 PAMO.THEFY  Phenylacetone monooxygenase	DB03147 Flavin-Adenine Din..  
6040	Target 2805 OST3A.HUMAN  Heparan sulfate glucosamine 3-O-sulfotransferase 3A1	DB01812 Adenosine-3'-5'-Di..  	6048	Target 5628 ENGC.THEMA  Probable GTPase engC	DB04315 Guanosine-5'-Dipho..  	6056	Target 3247 XECC.XANP2  2-oxopropyl-CoM reductase, carboxylating	DB03147 Flavin-Adenine Din..  
6041	Target 5278 PAPS1.HUMAN  Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthetase 1	DB03431 Adenosine-5'-Dipho..  	6049	Target 5294 NDKA.HUMAN  Nucleoside diphosphate kinase A	DB03431 Adenosine-5'-Dipho..  	6057	Target 2567 THYX.THEMA  Thymidylate synthase thyX	DB03147 Flavin-Adenine Din..  
6042	Target 5276 DNAA.AQUAE  Chromosomal replication initiator protein dnaA	DB03431 Adenosine-5'-Dipho..  	6050	Target 2317 MURD.ECOLI  UDP-N-acetylmuramoylalanine-D-glutamate ligase	DB03431 Adenosine-5'-Dipho..  	6058	Target 5086 ADRO.BOVIN  NADPH:adrenodoxin oxidoreductase, mitochondrial	DB03147 Flavin-Adenine Din..  

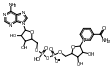
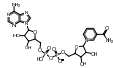
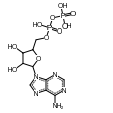
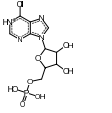
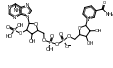
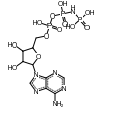
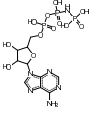
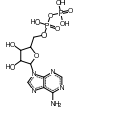
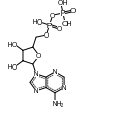
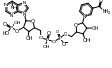
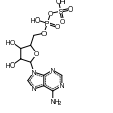
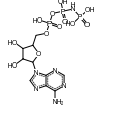
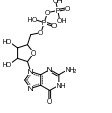
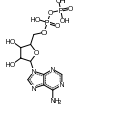
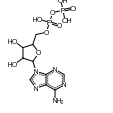
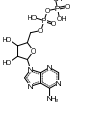
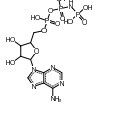
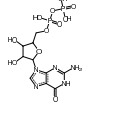
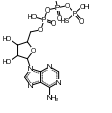
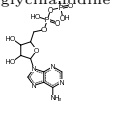
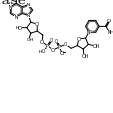
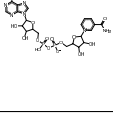
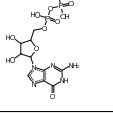
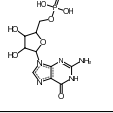
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6060	Target 5267 GAL1_PYRFU Galactokinase	DB03431 Adenosine-5'-Diphosphate	6068	Target 201 DHE3_HUMAN Glutamate dehydrogenase mitochondrial precursor	DB03431 Adenosine-5'-Diphosphate	6076	Target 2320 K1TH_HUMAN Thymidine kinase, cytosolic	DB02452 Thymidine-5'-Triphosphate
6061	Target 2630 G6PD_LEUME Glucose-6-phosphate 1-dehydrogenase	DB01907 Nicotinamide-Adenine	6069	Target 2305 IDHC_HUMAN Isocitrate dehydrogenase [NADP] cytoplasmic	DB03461 2'-Monophosphoadenine	6077	Target 107 ERG25_HUMAN C-4 methylsterol oxidase	DB00157 NADH
6062	Target 2630 G6PD_LEUME Glucose-6-phosphate 1-dehydrogenase	DB03461 2'-Monophosphoadenine	6070	Target 5091 MURB_ECOLI UDP-N-acetylenolpyruvoylglucosamine reductase	DB03147 Flavin-Adenine Dinucleotide	6078	Target 405 NDU48_HUMAN NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8	DB00157 NADH
6063	Target 2236 CSK21_HUMAN Casein kinase II subunit alpha	DB04395 Phosphoaminophosphate	6071	Target 5099 006934_MYCTU UDP-galactopyranose mutase	DB03147 Flavin-Adenine Dinucleotide	6079	Target 661 ADT1_HUMAN ADP/ATP translocase 1	DB00171 Adenosine triphosphate
6064	Target 4470 Q18664_CAEEL Hypothetical protein	DB01907 Nicotinamide-Adenine	6072	Target 2567 THYX_THEMA Thymidylate synthase thyX	DB03800 Dump	6080	Target 10 PYGL_HUMAN Glycogen phosphorylase, liver form	DB00131 Adenosine monophosphate
6065	Target 3270 EFG_THETH Elongation factor G	DB04315 Guanosine-5'-Diphosphate	6073	Target 2567 THYX_THEMA Thymidylate synthase thyX	DB03761 5-Fluoro-2'-Deoxyuridine	6081	Target 821 ACS2L_HUMAN Acetyl-coenzyme A synthetase 2-like, mitochondrial precursor	DB00171 Adenosine triphosphate
6066	Target 3362 DHE3_BOVIN Glutamate dehydrogenase mitochondrial precursor	DB01907 Nicotinamide-Adenine	6074	Target 2567 THYX_THEMA Thymidylate synthase thyX	DB01903 5-Bromo-2'-Deoxyuridine	6082	Target 821 ACS2L_HUMAN Acetyl-coenzyme A synthetase 2-like, mitochondrial precursor	DB00131 Adenosine monophosphate

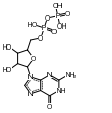
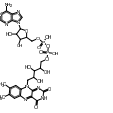
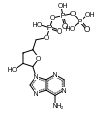
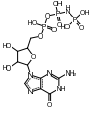
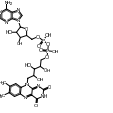
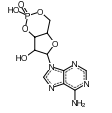
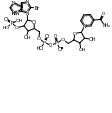
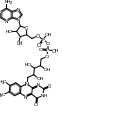
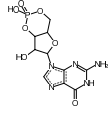
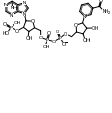
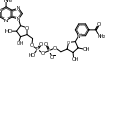
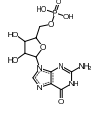
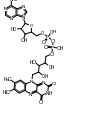
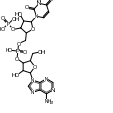
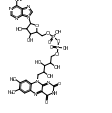
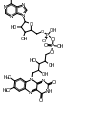
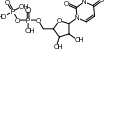
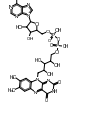
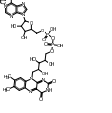
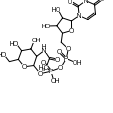
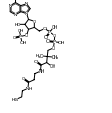
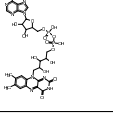
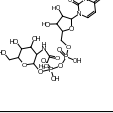
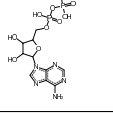
6083	Target 386	DB00131	6091	Target 2439	DB03435	6099	Target 2918	DB03401
Approved	ACSA_HUMAN	Adenosine monophos..	OTSA_ECOLI	Uridine-5'-Diphosph..		CYH2_RAT	D-Myo-Inositol-1,4..	
	Acetyl-coenzyme A synthetase, cytoplasmic		Alpha,alpha-trehalose-phosphate synthase [UDP-forming]			Cytohesin-2		
6084	Target 386	DB00171	6092	Target 52	DB04551	6100	Target 2918	DB03265
Approved	ACSA_HUMAN	Adenosine triphosph..	KPYR_HUMAN	Fructose-1,6-Dipho..		CYH2_RAT	Inositol-(1,3,4,5)..	
	Acetyl-coenzyme A synthetase, cytoplasmic		Pyruvate kinase isozymes R/L			Cytohesin-2		
6085	Target 984	DB01073	6093	Target 2275	DB03937	6101	Target 2875	DB03344
Approved	STAT1_HUMAN	Fludarabine	TKT1_YEAST	Erythrose-4-Phospha..		CYH3_MOUSE	Inositol-(1,3,4,5,..	
	Signal transducer and activator of transcription 1-alpha/beta		Transketolase 1			Cytohesin-3		
6086	Target 745	DB00171	6094	Target 5773	DB04788	6102	Target 2875	DB03265
Approved	AMHR2_HUMAN	Adenosine triphosph..	RPOB_THET8	Tagetitoxin		CYH3_MOUSE	Inositol-(1,3,4,5)..	
	Anti-Muellerian hormone type-2 receptor precursor		DNA-directed RNA polymerase beta chain			Cytohesin-3		
6087	Target 748	DB00171	6095	Target 2180	DB03265	6103	Target 2677	DB03042
Approved	AAPK1_HUMAN	Adenosine triphosph..	PDPK1_HUMAN	Inositol-(1,3,4,5)..		6P1B_BACST	5-Phosphoara binoni..	
	5'-AMP-activated protein kinase catalytic subunit alpha-1		3-phosphoinositide-dependent protein kinase 1			Glucose-6-phosphate isomerase B		
6088	Target 748	DB00131	6096	Target 3345	DB03401	6104	Target 2899	DB03247
Approved	AAPK1_HUMAN	Adenosine monophos..	ITPR1_RAT	D-Myo-Inositol-1,4..		OPR1_SOLLC	Riboflavin Monopho..	
	5'-AMP-activated protein kinase catalytic subunit alpha-1		Inositol 1,4,5-trisphosphate receptor type 1			12-oxophytodienoate reductase 1		
6089	Target 2439	DB04355	6097	Target 2977	DB03158	6105	Target 2479	DB03247
	OTSA_ECOLI	Uridine-5'-Monopho..	SYJ1_SCHP0	D-Myo-Inositol-1,4..		DPYD_PIG	Riboflavin Monopho..	
	Alpha,alpha-trehalose-phosphate synthase [UDP-forming]		Synaptojanin homolog 1			Dihydropyrimidine dehydrogenase [NADP+] precursor		
6090	Target 2439	DB03488	6098	Target 3275	DB03401	6106	Target 2479	DB03147
	OTSA_ECOLI	Uridine-5'-Diphosph..	SPTB2_MOUSE	D-Myo-Inositol-1,4..		DPYD_PIG	Flavin-Adenine Din..	
	Alpha,alpha-trehalose-phosphate synthase [UDP-forming]		Spectrin beta chain, brain 1			Dihydropyrimidine dehydrogenase [NADP+] precursor		

6107	Target 4836 GLTS.SYNY3  Ferredoxin-dependent glutamate synthase 2	DB03247 Riboflavin Monopho..  	6115	Target 4366 Q9WZ1.THEMA  Riboflavin kinase/FMN adenylyltransferase	DB03247 Riboflavin Monopho..  	6123	Target 2949 NAGB.ECOLI  Glucosamine-6-phosphate deaminase	DB02445 2-Deoxy-2-Amino Gl..  
6108	Target 5183 Q9ZWQ6.ADICA  PHY3	DB03247 Riboflavin Monopho..  	6116	Target 3383 OYE1.SACFS  NADPH dehydrogenase 1	DB03247 Riboflavin Monopho..  	6124	Target 2949 NAGB.ECOLI  Glucosamine-6-phosphate deaminase	DB02171 D-Fructose-6-Phosp..  
6109	Target 2742 CYE2.YEAST  Cytochrome b2, mitochondrial precursor	DB03247 Riboflavin Monopho..  	6117	Target 2936 NFWB.ECOLI  Oxygen-insensitive NAD(P)H nitroreductase	DB03247 Riboflavin Monopho..  	6125	Target 2678 6PGD.SHEEP  6-phosphogluconate dehydrogenase, decarboxylating	DB02076 6-Phosphogluconic ..  
6110	Target 2742 CYE2.YEAST  Cytochrome b2, mitochondrial precursor	DB02164 N-Sulfo-Flavin Mon..  	6118	Target 5201 FMNB.DESVM  FMN-binding protein	DB03247 Riboflavin Monopho..  	6126	Target 3192 NAGB.BACSU  Glucosamine-6-phosphate deaminase 1	DB04277 Fructose -6-Phosph..  
6111	Target 5192 Q8LPEO.CHLRE  Putative blue light receptor	DB03247 Riboflavin Monopho..  	6119	Target 5176 O34974.BACSU  YtnJ	DB03247 Riboflavin Monopho..  	6127	Target 5002 G6PI.PIG  Glucose-6-phosphate isomerase	DB03042 5-Phosphoara binoni..  
6112	Target 5185 OPR1.ARATH  12-oxophytodienoate reductase 1	DB03247 Riboflavin Monopho..  	6120	Target 5204 RIFK.SCHPO  Riboflavin kinase	DB03247 Riboflavin Monopho..  	6128	Target 3441 HPRT.MACFA  Hypoxanthine-guanine phosphoribosyltransferase	DB01632 Alpha-Phosphoribos..  
6113	Target 3510 NCPR.RAT  NADPH-cytochrome P450 reductase	DB03247 Riboflavin Monopho..  	6121	Target 5199 IDI2.BACSU  Isopentenyl-diphosphate delta-isomerase	DB03247 Riboflavin Monopho..  	6129	Target 2655 HGX.R.TOXGO  Hypoxanthine-guanine-xanthine phosphoribosyltransferase	DB01632 Alpha-Phosphoribos..  
6114	Target 3680 PYRDA.LACL  Dihydroorotate dehydrogenase A	DB03247 Riboflavin Monopho..  	6122	Target 2949 NAGB.ECOLI  16g  Glucosamine-6-phosphate deaminase	DB03951 16g  	6130	Target 5684 G6PI.LEIME  Glucose-6-phosphate isomerase	DB04493 Fructose-6-P hospha..  

6131	Target 3025 F264.RAT 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4	DB04493 Fructose-6-P hospha.. 	6139	Target 2944 NEUA.NEIME N- acylneuraminate cytidyltransferase	DB04555 Cytidine-5'-Diphos.. 	6147	Target 3008 KCY.DICDI Cytidylate kinase	DB03435 Uridine-5'-D iphosp.. 
6132	Target 3141 F261.RAT 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1	DB04493 Fructose-6-P hospha.. 	6140	Target 2722 NDK2.ARATH Nucleoside diphosphate kinase II, chloroplast precursor	DB02181 2'-Deoxyguan osine-.. 	6148	Target 3008 KCY.DICDI Cytidylate kinase	DB03664 P1-(Adenosin e-5'-P.. 
6133	Target 3141 F261.RAT 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1	DB02393 D-Gluco-2,5- Anhydr.. 	6141	Target 2722 NDK2.ARATH Nucleoside diphosphate kinase II, chloroplast precursor	DB03491 2'-Deoxyguan osine-.. 	6149	Target 3008 KCY.DICDI Cytidylate kinase	DB03431 Adenosine-5' -Dipho.. 
6134	Target 3455 NADA.APLCA ADP-ribosyl cyclase precursor	DB03936 1-Deoxy-Ribo furano.. 	6142	Target 5121 FENR.ECOLI Ferredoxin-NADP reductase	DB03147 Flavin-Adeni ne Din.. 	6150	Target 5289 COAD.BACSV Phosphopantetheine adenyltransferase	DB03431 Adenosine-5' -Dipho.. 
6135	Target 3552 TOP1.ECOLI DNA topoisomerase 1	DB04205 Thymidine-3',5'-Di.. 	6143	Target 5101 TRXB1.ARATH Thioredoxin reductase 1	DB03147 Flavin-Adeni ne Din.. 	6151	Target 887 GYRB.ECOLI DNA gyrase sub-unit B	DB04395 Phosphoamino phosph.. 
6136	Target 3552 TOP1.ECOLI DNA topoisomerase 1	DB01643 Thymidine-5' -Phosp.. 	6144	Target 5620 RALA.SAGOE Ras-related protein Ral-A	DB04315 Guanosine-5' -Dipho.. 	6152	Target 3124 FOX2.CANTR Peroxisomal hydratase-dehydrogenase-epimerase	DB03192 3r-Hydroxyde canoyl.. 
6137	Target 3430 KITH.UREPA Thymidine kinase	DB02452 Thymidine-5' -Triph.. 	6145	Target 2721 TRXR1.RAT Thioredoxin reductase cytoplasmic 1,	DB03147 Flavin-Adeni ne Din.. 	6153	Target 2655 HGXR.TOXGO Hypoxanthine-guanine-xanthine phosphoribosyl-transferase	DB02309 5-Monophosp hate-9.. 
6138	Target 3523 SPSA.BACSV Spore coat polysaccharide biosynthesis protein spsA	DB03435 Uridine-5'-D iphosp.. 	6146	Target 3008 KCY.DICDI Cytidylate kinase	DB03403 Cytidine-5'- Monoph.. 	6154	Target 4459 COMC.METJA L-sulfolactate dehydrogenase	DB01907 Nicotinamide -Adeni.. 

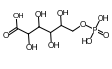
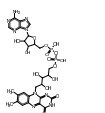
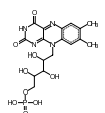
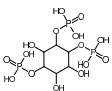
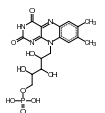
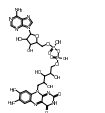
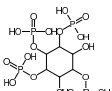
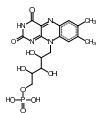
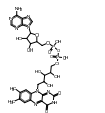
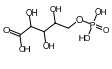
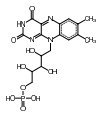
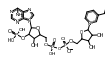
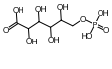
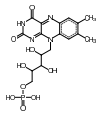
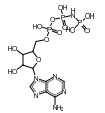
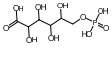
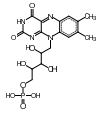
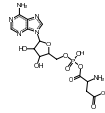
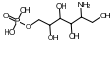
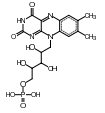
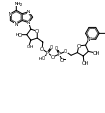
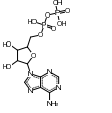
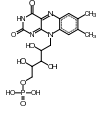
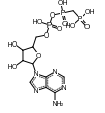
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6156	Target 2272 SYN1.BOVIN  Synapsin-1	DB01660 Adenosine-5'-Dipho.. 	6164	Target 2727 METK.SHIFL  S-adenosylmethionine synthetase	DB04395 Phosphoaminophosph.. 	6172	Target 5626 NDKB.HUMAN  Nucleoside diphosphate kinase B	DB04315 Guanosine-5'-Dipho.. 
6157	Target 3552 TOP1.ECOLI  DNA topoisomerase 1	DB01812 Adenosine-3'-5'-Di.. 	6165	Target 2727 METK.SHIFL  S-adenosylmethionine synthetase	DB03431 Adenosine-5'-Dipho.. 	6173	Target 2986 NDKA1.BOVIN  Nucleoside diphosphate kinase A 1	DB04315 Guanosine-5'-Dipho.. 
6158	Target 4435 ASPD.THEMA  L-aspartate dehydrogenase	DB01907 Nicotinamide-Adeni.. 	6166	Target 3125 PAIA.BACSU  Protease synthase and sporulation negative regulatory protein PAI 1	DB01992 Coenzyme A 	6174	Target 2986 NDKA1.BOVIN  Nucleoside diphosphate kinase A 1	DB04536 Guanosine-3',5'-Mo.. 
6159	Target 5615 TOC34.PEA  Translocase of chloroplast 34	DB04315 Guanosine-5'-Dipho.. 	6167	Target 4579 CYSE.HAEIN  Serine acetyltransferase	DB01992 Coenzyme A 	6175	Target 796 IMDH2.HUMAN  Inosine-5'-monophosphate dehydrogenase 2	DB01693 Ribavirin Monophos.. 
6160	Target 3282 IF2P.METTH  Probable translation initiation factor IF-2	DB04315 Guanosine-5'-Dipho.. 	6168	Target 2833 DYR.PNECA  Dihydrofolate reductase	DB03461 2'-Monophosphoaden.. 	6176	Target 2354 IMDH2.CRIGR  Inosine-5'-monophosphate dehydrogenase 2	DB04566 Inosinic Acid.. 
6161	Target 5301 KITH.CLOAB  Thymidine kinase	DB03431 Adenosine-5'-Dipho.. 	6169	Target 4423 LVR.LEIAQ  Levodione reductase	DB01907 Nicotinamide-Adeni.. 	6177	Target 796 IMDH2.HUMAN  Inosine-5'-monophosphate dehydrogenase 2	DB03070 Selenazole-4-Carbo.. 
6162	Target 4679 VPS21.YEAST  Vacuolar protein sorting-associated protein 21	DB04315 Guanosine-5'-Dipho.. 	6170	Target 5204 RIFK.SCHPO  Riboflavin kinase	DB03431 Adenosine-5'-Dipho.. 	6178	Target 796 IMDH2.HUMAN  Inosine-5'-monophosphate dehydrogenase 2	DB03948 6-Chloropurine Rib.. 

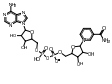
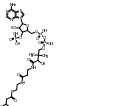
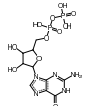
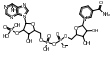
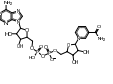
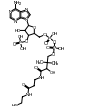
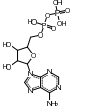
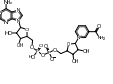
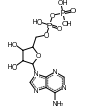
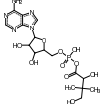
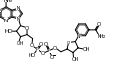
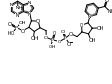
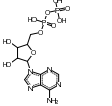
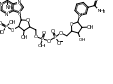
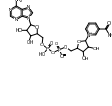
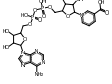
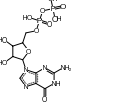
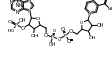
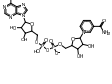
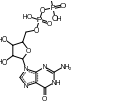
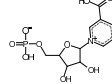
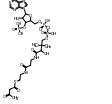
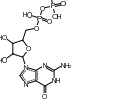
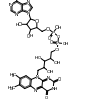
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6180	Target 838 IMDH1.HUMAN  Inosine-5'-monophosphate dehydrogenase 1	DB03948 6-Chloropurine Rib..  	6188	Target 5325 DECR.HUMAN  2,4-dienoyl-CoA reductase, mitochondrial	DB03461 2'-Monophosphoaden..  	6196	Target 3435 ARSA1.ECOLI  Arsenical pump-driving ATPase	DB04395 Phosphoaminophosph..  
6181	Target 2550 CSK2A.MAIZE  Casein kinase II subunit alpha	DB04395 Phosphoaminophosph..  	6189	Target 2813 MET3.YEAST  Sulfate adenylyltransferase	DB03431 Adenosine-5'-Dipho..  	6197	Target 3435 ARSA1.ECOLI  Arsenical pump-driving ATPase	DB03431 Adenosine-5'-Dipho..  
6182	Target 3463 FCL.ECOLI  GDP-L-fucose synthetase	DB03461 2'-Monophosphoaden..  	6190	Target 2813 MET3.YEAST  Sulfate adenylyltransferase	DB03708 Adenosine-5'-Phosph..  	6198	Target 2778 CRY1.ARATH  Cryptochrome-1	DB04395 Phosphoaminophosph..  
6183	Target 2829 KRE2.YEAST  Glycolipid 2-alpha-mannosyltransferase	DB04315 Guanosine-5'-Dipho..  	6191	Target 5272 Q8U306.PYRFU  RNase I inhibitor	DB03431 Adenosine-5'-Dipho..  	6199	Target 5264 VNCA.AAV2  DNA replication protein	DB03431 Adenosine-5'-Dipho..  
6184	Target 4838 PMS2.HUMAN  PMS1 protein homolog 2	DB03431 Adenosine-5'-Dipho..  	6192	Target 5643 GSPE.VIBCH  General secretion pathway protein E	DB04395 Phosphoaminophosph..  	6200	Target 4738 IIGP1.MOUSE  Interferon-inducible GTPase 1	DB04315 Guanosine-5'-Dipho..  
6185	Target 4838 PMS2.HUMAN  PMS1 protein homolog 2	DB02930 Phosphothiophospho..  	6193	Target 5261 PUR4.SALTY  Phosphoribosylformylglycinamide synthase	DB03431 Adenosine-5'-Dipho..  	6201	Target 4424 SAHH.PLAF7  Adenosylhomocysteinase	DB01907 Nicotinamide-Adeni..  
6186	Target 4497 Q59096.ACICA  Benzyl alcohol dehydrogenase	DB01907 Nicotinamide-Adeni..  	6194	Target 3341 EF2.YEAST  Elongation factor 2	DB04315 Guanosine-5'-Dipho..  	6202	Target 4554 Q7XZV5.NICGU  Ribonuclease NW	DB01972 Guanosine-5'-Monop..  

6203	Target 2783 SEC4.YEAST Ras-related protein SEC4	DB04315 Guanosine-5'-Diphos.. 	6211	Target 5110 GSHR.PLAFK Glutathione reductase	DB03147 Flavin-Adenine Din.. 	6219	Target 2395 PAPOA.BOVIN Poly(A) polymerase alpha	DB01860 Cordycepin Triphosphos.. 
6204	Target 2783 SEC4.YEAST Ras-related protein SEC4	DB02082 Phosphoamino phosph.. 	6212	Target 2268 CHOD.BREST Cholesterol oxidase precursor	DB03147 Flavin-Adenine Din.. 	6220	Target 2766 HCN2.RAT Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 2	DB02527 Cyclic Adenosine M.. 
6205	Target 2678 6PCD.SHEEP 6-phosphogluconate dehydrogenase, decarboxylating	DB03962 Nicotinamide 8-Bro.. 	6213	Target 4440 NAPE.ENTFA NADH peroxidase	DB03147 Flavin-Adenine Din.. 	6221	Target 2766 HCN2.RAT Potassium/sodium hyperpolarization-activated cyclic nucleotide-gated channel 2	DB02315 Cyclic Guanosine M.. 
6206	Target 5075 CYSJ.ECOLI Sulfite reductase [NADPH] flavoprotein alpha-component	DB03461 2'-Monophosphoaden.. 	6214	Target 4440 NAPE.ENTFA NADH peroxidase	DB01907 Nicotinamide-Adeni.. 	6222	Target 204 PDE5A.HUMAN cGMP-specific 3',5'-cyclic phosphodiesterase	DB01972 Guanosine-5'-Monop.. 
6207	Target 5075 CYSJ.ECOLI Sulfite reductase [NADPH] flavoprotein alpha-component	DB03147 Flavin-Adenine Din.. 	6215	Target 2507 DTX.COROM Diphtheria toxin precursor	DB01792 Adenylyl-3'-5'-Pho.. 	6223	Target 5100 HDVD.CLOAM Gamma-aminobutyrate metabolism dehydratase/isomerase	DB03147 Flavin-Adenine Din.. 
6208	Target 2778 CRY1.ARATH Cryptochrome-1	DB03147 Flavin-Adenine Din.. 	6216	Target 3492 EXTL2.MOUSE Exostosin-like 2	DB03435 Uridine-5'-Diphosph.. 	6224	Target 5084 FMS1.YEAST Polyamine oxidase FMS1	DB03147 Flavin-Adenine Din.. 
6209	Target 5080 PHR.SYNP6 Deoxyribodipyrimidine photo-lyase	DB03147 Flavin-Adenine Din.. 	6217	Target 3492 EXTL2.MOUSE Exostosin-like 2	DB03397 Uridine-Diphosphate.. 	6225	Target 2777 ESA1.YEAST Histone acetyltransferase ESA1	DB01992 Coenzyme A 
6210	Target 5108 Q8U1K9.PYRFU NADH oxidase/nitrite reductase	DB03147 Flavin-Adenine Din.. 	6218	Target 3492 EXTL2.MOUSE Exostosin-like 2	DB02196 Uridine-Diphosphate.. 	6226	Target 2389 YMX7.YEAST Uncharacterized protein YML087W	DB03431 Adenosine-5'-Diphos.. 

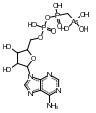
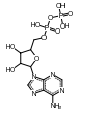
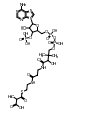
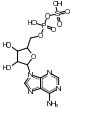
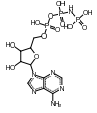
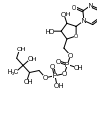
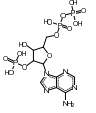
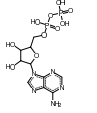
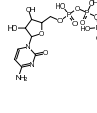
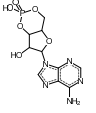
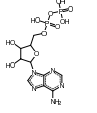
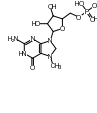
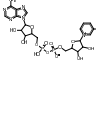
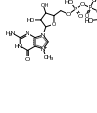
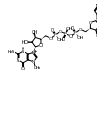
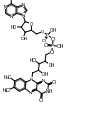
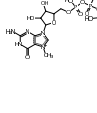
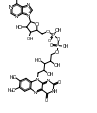
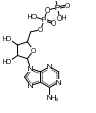
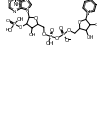
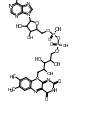
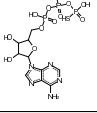
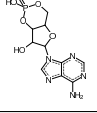
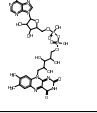


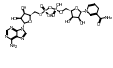
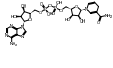
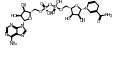
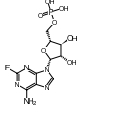
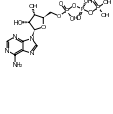
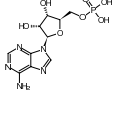
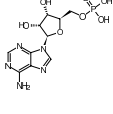
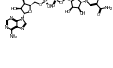
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6228	Target 631 HMDH.HUMAN 3-hydroxy-3-methylglutaryl-coenzyme reductase	DB03461 2'-Monophosphoaden..	6236	Target 3025 F264.RAT 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4	DB04395 Phosphoamino phosph..	6244	Target 2494 KAP0.BOVIN cAMP-dependent protein kinase type I-alpha regulatory subunit	DB01790 Sp-Adenosine -3',5'..
6229	Target 631 HMDH.HUMAN 3-hydroxy-3-methylglutaryl-coenzyme reductase	DB03431 Adenosine-5'-Diphos..	6237	Target 3426 GLNA.SALTY Glutamine synthetase	DB03431 Adenosine-5'-Diphos..	6245	Target 3155 SUHB.ARCFU Inositol-1-monophosphatase	DB04551 Fructose-1,6-Diphos..
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6232	Target 5300 TAP1.HUMAN Antigen peptide transporter 1	DB03431 Adenosine-5'-Diphos..	6240	Target 4655 032393.SPIPL Adenylate cyclase	DB02596 Alpha,Beta-M ethyle..	6248	Target 2794 PYRE.SALTY Orotate phosphoribosyltransferase	DB01632 Alpha-Phosphoribos..
6233	Target 1116 PPCKC.HUMAN Phosphoenolpyruvate carboxykinase, cytosolic [GTP]	DB03725 Phosphomethylphosp..	6241	Target 4776 Q9XB61.ERWCA CarA	DB02596 Alpha,Beta-M ethyle..	6249	Target 4672 Q9HJ28.THEAC Hypothetical protein Ta1145	DB03942 Carboxylic P RPP..
6234	Target 3141 F261.RAT 6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1	DB04137 Guanosine-5'-Triph..	6242	Target 3047 KPRS.BACSV Ribose-phosphate pyrophosphokinase	DB03148 Phosphomethylphosp..	6250	Target 3015 PURR.BACSV Pur operon repressor	DB03942 Carboxylic P RPP..

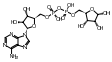
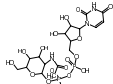
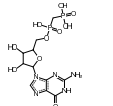
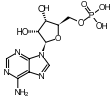
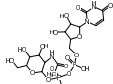
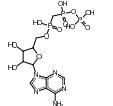
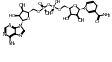
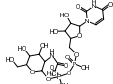
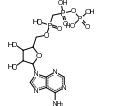
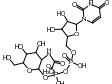
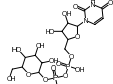
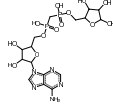
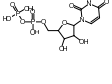
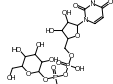
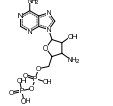
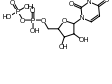
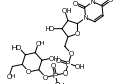
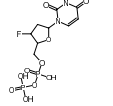
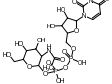
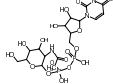
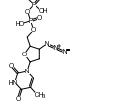
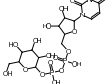
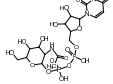
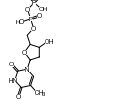
6251	Target 2621 GNTK.ECOLI  Thermoresistant gluconokinase	DB02076 6-Phosphogluconic ..  	6259	Target 5122 MRSD.BACSY  Mersacidin decarboxylase	DB03147 Flavin-Adenine Din..  	6267	Target 203 PNPO.HUMAN  Pyridoxine-5'-phosphate oxidase	DB03247 Riboflavin Monophospho..  
6252	Target 2950 IP3KA.HUMAN  Inositol-trisphosphate 3-kinase A	DB03401 D-Myo-Inositol-1,4..  	6260	Target 408 RIFK.HUMAN  Riboflavin kinase	DB03247 Riboflavin Monophospho..  	6268	Target 3041 OXLA.AGKRH  L-amino-acid oxidase precursor	DB03147 Flavin-Adenine Din..  
6253	Target 2950 IP3KA.HUMAN  Inositol-trisphosphate 3-kinase A	DB03265 Inositol-(1,3,4,5)..  	6261	Target 5202 Q81EW9.BACCR  Nitroreductase family protein	DB03247 Riboflavin Monophospho..  	6269	Target 5089 OXLA.AGKHP  L-amino-acid oxidase	DB03147 Flavin-Adenine Din..  
6254	Target 2798 G6PI.PYRFU  Glucose-6-phosphate isomerase	DB03042 5-Phosphoaraabinoni..  	6262	Target 5205 PDX3.YEAST  Pyridoxamine 5'-phosphate oxidase	DB03247 Riboflavin Monophospho..  	6270	Target 822 ALDR.HUMAN  Aldose reductase	DB03461 2'-Monophosphoadenosi..  
6255	Target 2798 G6PI.PYRFU  Glucose-6-phosphate isomerase	DB02076 6-Phosphogluconic ..  	6263	Target 5182 FLAV.HELPJ  Flavodoxin	DB03247 Riboflavin Monophospho..  	6271	Target 2680 ASSY.THETS  Argininosuccinate synthase	DB04395 Phosphoamino phospho..  
6256	Target 2835 G6PI.THELI  Glucose-6-phosphate isomerase	DB02076 6-Phosphogluconic ..  	6264	Target 5198 FLAV.ECOLI  Flavodoxin-1	DB03247 Riboflavin Monophospho..  	6272	Target 2425 SYD.THETH  Aspartyl-tRNA synthetase	DB01895 Aspartyl-Adenosine..  
6257	Target 2856 GNPI.HUMAN  Glucosamine-6-phosphate isomerase	DB02445 2-Deoxy-2-Amino Gl..  	6265	Target 5174 O30133.ARCFU  Hypothetical protein	DB03247 Riboflavin Monophospho..  	6273	Target 3615 DAPB.MYCTU  Dihydrodipicolinate reductase	DB01907 Nicotinamide-Adeni..  
6258	Target 408 RIFK.HUMAN  Riboflavin kinase	DB03431 Adenosine-5'-Dipho..  	6266	Target 3223 GOX.SPIDL  Peroxisomal	DB03247 Riboflavin Monophospho..  	6274	Target 2621 GNTK.ECOLI  Thermoresistant gluconokinase	DB03909 Adenosine-5'-[Beta]..  

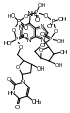
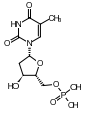
6275	Target 4486 Q9LAG2.BACTR Phenol hydroxylase component B	DB01907 Nicotinamide-Adeni.. 	6283	Target 419 HCDH.HUMAN Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial precursor	DB03612 3-Hydroxybutyryl-Co.. 	6291	Target 3377 EFTU.ECOLI Elongation factor Tu	DB04315 Guanosine-5'-Dipho.. 
6276	Target 3515 AROE.ECOLI Shikimate dehydrogenase	DB03461 2'-Monophosphoaden.. 	6284	Target 419 HCDH.HUMAN Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial precursor	DB01907 Nicotinamide-Adeni.. 	6292	Target 4577 SFP.BACSU 4'-phosphopantetheinyl transferase sfp	DB01992 Coenzyme A 
6277	Target 2657 NDKC.DICDI Nucleoside diphosphate kinase, cytosolic	DB03431 Adenosine-5'-Dipho.. 	6285	Target 4452 HCDH.PIG Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial	DB01907 Nicotinamide-Adeni.. 	6293	Target 3470 Y348.MYCPN Hypothetical protein MG245 homolog	DB03431 Adenosine-5'-Dipho.. 
6278	Target 2532 PANC.MYCTU Pantoate-beta-alanine ligase	DB02694 Pantoyl Adenylate.. 	6286	Target 4480 PPNK_ARCFU Probable inorganic polyphosphate/ATP-NAD kinase	DB01907 Nicotinamide-Adeni.. 	6294	Target 5344 MDH.METJA Malate dehydrogenase	DB03461 2'-Monophosphoaden.. 
6279	Target 5304 Y021.THEMA UPF0166 protein TM-0021	DB03431 Adenosine-5'-Dipho.. 	6287	Target 4480 PPNK_ARCFU Probable inorganic polyphosphate/ATP-NAD kinase	DB03461 2'-Monophosphoaden.. 	6295	Target 63 MDH.ECOLI Malate dehydrogenase	DB01907 Nicotinamide-Adeni.. 
6280	Target 2910 NADE.BACSU NH(3)-dependent NAD(+) synthetase	DB04099 Deamido-Nad+ 	6288	Target 3170 EFTU2.THETS Elongation factor Tu-B	DB04315 Guanosine-5'-Dipho.. 	6296	Target 365 DYR.HUMAN Dihydrofolate reductase	DB03461 2'-Monophosphoaden.. 
6281	Target 2910 NADE.BACSU NH(3)-dependent NAD(+) synthetase	DB01907 Nicotinamide-Adeni.. 	6289	Target 5621 EFTU.THEAQ Elongation factor Tu	DB04315 Guanosine-5'-Dipho.. 	6297	Target 4672 Q9HJ28.THEAC Hypothetical protein Ta1145	DB02382 Namn 
6282	Target 419 HCDH.HUMAN Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial precursor	DB03059 Acetoacetyl-Coenzy.. 	6290	Target 3396 EFTU.SHIFL Elongation factor Tu	DB04315 Guanosine-5'-Dipho.. 	6298	Target 4486 Q9LAG2.BACTR Phenol hydroxylase component B	DB03147 Flavin-Adenine Din.. 

6299	Target 5076 FENR.AZOV1  Ferredoxin-NADP reductase	DB03147 Flavin-Adenine Dinucleotide	6307	Target 4443 YDIB.ECOLI  Quinate/shikimate dehydrogenase	DB01907 Nicotinamide-Adenine Dinucleotide	6315	Target 2762 GALE.HUMAN  UDP-glucose 4-epimerase	DB01907 Nicotinamide-Adenine Dinucleotide
6300	Target 5094 Q9RA47.THETH  5,10-methylenetetrahydrofolate reductase	DB03147 Flavin-Adenine Dinucleotide	6308	Target 5627 GM4D.PSEAE  GDP-mannose 4,6-dehydratase	DB04315 Guanosine-5'-Diphosphate	6316	Target 2424 LDH.THEMA  L-lactate dehydrogenase	DB01907 Nicotinamide-Adenine Dinucleotide
6301	Target 5092 ERV2.YEAST  FAD-linked sulfhydryl oxidase ERV2	DB03147 Flavin-Adenine Dinucleotide	6309	Target 5346 Q9X0A2.THEMA  Oxidoreductase, aldo/keto reductase family	DB03461 2'-Monophosphoadenosine	6317	Target 4404 Q04416.SMICC  FcbC1 protein	DB03613 4-Hydroxyphenacyl Coenzyme A
6302	Target 4487 NADR.HAEIN  Transcriptional regulator nadR	DB01907 Nicotinamide-Adenine Dinucleotide	6310	Target 4300 GPDA.LEIME  Glycerol-3-phosphate dehydrogenase [NAD+], glycosomal	DB01907 Nicotinamide-Adenine Dinucleotide	6318	Target 4404 Q04416.SMICC  FcbC1 protein	DB04067 4-Hydroxybenzoyl Coenzyme A
6303	Target 4504 Q8KN66.PSEAE  WbpP	DB01907 Nicotinamide-Adenine Dinucleotide	6311	Target 328 DHSD.HUMAN  Sorbitol dehydrogenase	DB01907 Nicotinamide-Adenine Dinucleotide	6319	Target 4404 Q04416.SMICC  FcbC1 protein	DB01992 Coenzyme A
6304	Target 4460 O28480.ARCFU  Myo-inositol-1-phosphate synthase	DB01907 Nicotinamide-Adenine Dinucleotide	6312	Target 3311 MCE.PBCV1  mRNA-capping enzyme	DB04137 Guanosine-5'-Triphosphate	6320	Target 3043 UAP56.RAT  Spliceosome RNA helicase Bat1	DB03431 Adenosine-5'-Diphosphate
6305	Target 368 INHA.MYCTU  Enoyl-[acyl-carrier-protein] reductase [NADH]	DB01907 Nicotinamide-Adenine Dinucleotide	6313	Target 3311 MCE.PBCV1  mRNA-capping enzyme	DB03931 Diguanosine-5'-Triphosphate	6321	Target 2434 NADE.ECOLI  NH(3)-dependent NAD(+) synthetase	DB01907 Nicotinamide-Adenine Dinucleotide
6306	Target 5639 NTPA.METJA  Nucleoside-triphosphatase	DB04395 Phosphoamino phosphate	6314	Target 3446 ADH.THEBR  NADP-dependent alcohol dehydrogenase	DB03461 2'-Monophosphoadenosine	6322	Target 2434 NADE.ECOLI  NH(3)-dependent NAD(+) synthetase	DB04099 Deamido-NAD(+) synthetase

6323	Target 2434 NADE.ECOLI  NH(3)-dependent NAD(+) syn- thetase	DB02937 Gamma-Arsono -Beta,...	6331	Target 2950 IP3KA.HUMAN  Inositol- trisphosphate 3-kinase A	DB03431 Adenosine-5' -Dipho..	6339	Target 3240 12S_PROFR  Methylmalonyl- CoA carboxyl- transferase 12S subunit	DB04045 Methylmalonyl l-Coen..
								
6324	Target 5412 Q5SKH7.THETS  ATP sulfurylase	DB03708 Adenosine-5' -Phosp..	6332	Target 2950 IP3KA.HUMAN  Inositol- trisphosphate 3-kinase A	DB04395 Phosphoamino phosph..	6340	Target 3019 ISPD.ECOLI  2-C-methyl- D-erythritol 4-phosphate cytidyltrans- ferase	DB03687 4-Diphosphoc ytidyl..
								
6325	Target 2636 AROE.HAEIN  Shikimate dehydrogenase	DB02363 2'-Monophosp hoaden..	6333	Target 5268 IP3KA.RAT  Inositol- trisphosphate 3-kinase A	DB03431 Adenosine-5' -Dipho..	6341	Target 3019 ISPD.ECOLI  2-C-methyl- D-erythritol 4-phosphate cytidyltrans- ferase	DB02431 Cytidine-5'- Tripho..
								
6326	Target 4760 Q98GN8.RHILG  Mll3241 protein	DB02527 Cyclic Adeno sine M..	6334	Target 4773 DCK.HUMAN  Deoxycytidine ki- nase	DB03431 Adenosine-5' -Dipho..	6342	Target 2558 IF4E.RAT  Eukaryotic trans- lation initiation factor 4E	DB01960 7n-Methyl-8- Hydrog..
								
6327	Target 4318 CYSG.SALTY  Siroheme synthase	DB01907 Nicotinamide -Adeni..	6335	Target 2558 IF4E.RAT  Eukaryotic trans- lation initiation factor 4E	DB02716 7-Methyl-Gua nosine..	6343	Target 1286 IF4E.HUMAN  Eukaryotic trans- lation initiation factor 4E	DB01649 7-Methyl-Gpp pa..
								
6328	Target 2893 GLOX.BACSU  Glycine oxidase	DB03147 Flavin-Adeni ne Din..	6336	Target 1286 IF4E.HUMAN  Eukaryotic trans- lation initiation factor 4E	DB02716 7-Methyl-Gua nosine..	6344	Target 2823 TYTR.TRYCR  Trypanothione re- ductase	DB03147 Flavin-Adeni ne Din..
								
6329	Target 4839 DP03X.ECOLI  DNA polymerase III subunit tau	DB03431 Adenosine-5' -Dipho..	6337	Target 364 DHI1.HUMAN  Corticosteroid 11-beta- dehydrogenase isozyme 1	DB03461 2'-Monophosp hoaden..	6345	Target 4866 GOX.PENAG  Glucose oxidase	DB03147 Flavin-Adeni ne Din..
								
6330	Target 4839 DP03X.ECOLI  DNA polymerase III subunit tau	DB02930 Phosphothiop hospho..	6338	Target 3357 KAP3.RAT  cAMP-dependent protein kinase type II-beta regulatory subunit	DB02527 Cyclic Adeno sine M..	6346	Target 4969 HMP.ECOLI  Flavoheomprotein	DB03147 Flavin-Adeni ne Din..
								

6347	Target 2526 FPRA_MYCTU NADPH-ferredoxin reductase fprA	DB03147 Flavin-Adenine Dinucleotide	6355	Target 2626 TYSY_ECOLI Thymidylate synthase	DB03800 Dump	6363	Target 475 NDUB2_HUMAN <b>Approved</b> NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 2, mitochondrial precursor	DB00157 NADH	
6348	Target 236 NDUA6_HUMAN <b>Approved</b> NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6	DB00157 NADH	6356	Target 2626 TYSY_ECOLI Thymidylate synthase	DB04457 2'-Deoxyguanosine	6364	Target 313 NDUB3_HUMAN <b>Approved</b> NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3	DB00157 NADH	
6349	Target 419 HCDH_HUMAN <b>Approved</b> Short chain 3-hydroxyacyl-CoA dehydrogenase, mitochondrial precursor	DB00157 NADH	6357	Target 3028 RFBC_SALTY dTDP-4-dehydrothiamine 3,5-epimerase	DB02549 3'-O-Acetylthymidine	6365	Target 194 NDUC2_HUMAN <b>Approved</b> NADH dehydrogenase [ubiquinone] 1 subunit C2	DB00157 NADH	
6350	Target 3605 NUC_STAAU Thermonuclease precursor	DB04205 Thymidine-3',5'-Diphosphate	6358	Target 2526 FPRA_MYCTU NADPH-ferredoxin reductase fprA	DB01753 4-Oxo-Nicotinamide	6366	Target 273 BCL2_HUMAN <b>Approved</b> Apoptosis regulator Bcl-2	DB01073 Fludarabine	
6351	Target 3481 RMLA2_SHIFL Glucose-1-phosphate thymidyltransferase 2	DB02452 Thymidine-5'-Triphosphate	6359	Target 3522 KTHY_SHIFL Thymidylate kinase	DB03280 P1-(5'-Adenosyl)P5	6367	Target 825 ARSA1_HUMAN <b>Approved</b> Arsenical pump-driving ATPase	DB00171 Adenosine triphosphate	
6352	Target 3593 CCA_ARCFU CCA-adding enzyme	DB02431 Cytidine-5'-Triphosphate	6360	Target 4575 Q9LCX9_THETH Citrate synthase	DB01992 Coenzyme A	6368	Target 281 AAKB1_HUMAN <b>Approved</b> 5'-AMP-activated protein kinase subunit beta-1	DB00131 Adenosine monophosphate	
6353	Target 3593 CCA_ARCFU CCA-adding enzyme	DB04005 Uridine 5'-Triphosphate	6361	Target 3302 GCH1_SHIFL GTP cyclohydrolase I	DB04137 Guanosine-5'-Triphosphate	6369	Target 851 AAKB2_HUMAN <b>Approved</b> 5'-AMP-activated protein kinase subunit beta-2	DB00131 Adenosine monophosphate	
6354	Target 2626 TYSY_ECOLI Thymidylate synthase	DB03761 5-Fluoro-2'-Deoxyuridine	6362	Target 4677 RFBF_SALTY Glucose-1-phosphate cytidyltransferase	DB02431 Cytidine-5'-Triphosphate	6370	Target 365 DYS_HUMAN <b>Approved</b> Dihydrofolate reductase	DB00157 NADH	

6371	Target 2460 ADPP_SHIFL ADP-ribose pyrophosphatase	DB02059 Adenosine-5-Diphos.. 	6379	Target 2612 UAP1_HUMAN UDP-N-acetylhexosamine pyrophosphorylase	DB02196 Uridine-Diphosphat.. 	6387	Target 3186 CANT1_HUMAN Soluble calcium-activated nucleotidase 1	DB03486 Phosphomethylphosph.. 
6372	Target 128 APT_HUMAN Adenine phosphoribosyltransferase	DB00131 Adenosine monophos.. 	6380	Target 2612 UAP1_HUMAN UDP-N-acetylhexosamine pyrophosphorylase	DB03397 Uridine-Diphosphat.. 	6388	Target 2532 PANC_MYCTU Pantoate-beta-alanine ligase	DB02596 Alpha,Beta-Methyle.. 
6373	Target 219 NU3M_HUMAN NADH-ubiquinone oxidoreductase chain 3	DB00157 NADH 	6381	Target 4504 Q8KN66_PSEAE WbpP	DB02196 Uridine-Diphosphat.. 	6389	Target 2910 NADE_BACSU NH(3)-dependent NAD(+) synthetase	DB02596 Alpha,Beta-Methyle.. 
6374	Target 2608 WECEB_ECOLI UDP-N-acetylglucosamine 2-epimerase	DB02196 Uridine-Diphosphat.. 	6382	Target 4504 Q8KN66_PSEAE WbpP	DB04355 Uridine-5'-Monopho.. 	6390	Target 2460 ADPP_SHIFL ADP-ribose pyrophosphatase	DB01975 AMP_CPR 
6375	Target 2608 WECEB_ECOLI UDP-N-acetylglucosamine 2-epimerase	DB03435 Uridine-5'-Diphosp.. 	6383	Target 2762 GALE_HUMAN UDP-glucose 4-epimerase	DB04355 Uridine-5'-Monopho.. 	6391	Target 2657 NDKC_DICDI Nucleoside diphosphate kinase, cytosolic	DB04366 3'-Deoxy-3'-Amino.. 
6376	Target 237 BGAT_HUMAN Histo-blood group ABO system transferase	DB03435 Uridine-5'-Diphosp.. 	6384	Target 2762 GALE_HUMAN UDP-glucose 4-epimerase	DB03501 Uridine Diphosphat.. 	6392	Target 2657 NDKC_DICDI Nucleoside diphosphate kinase, cytosolic	DB04068 Fudp 
6377	Target 237 BGAT_HUMAN Histo-blood group ABO system transferase	DB02196 Uridine-Diphosphat.. 	6385	Target 2762 GALE_HUMAN UDP-glucose 4-epimerase	DB03397 Uridine-Diphosphat.. 	6393	Target 2657 NDKC_DICDI Nucleoside diphosphate kinase, cytosolic	DB04542 3'-Azido-3'-Deoxyt.. 
6378	Target 237 BGAT_HUMAN Histo-blood group ABO system transferase	DB03501 Uridine Diphosphat.. 	6386	Target 2762 GALE_HUMAN UDP-glucose 4-epimerase	DB02196 Uridine-Diphosphat.. 	6394	Target 2657 NDKC_DICDI Nucleoside diphosphate kinase, cytosolic	DB03103 Thymidine-5'-Diph.. 

6395	Target 2849	DB03280
	KTHY.YEAST	P1-(5'-Adeno syl)P5..
	Thymidylate kinase	
6396	Target 2849	DB01643
	KTHY.YEAST	Thymidine-5' -Phosp..
	Thymidylate kinase	
6397	Target 2849	DB03666
	KTHY.YEAST	3'-Azido-3'- Deoxyt..
	Thymidylate kinase	