

SwissTargetPrediction

Target	Common name	Uniprot ID	ChEMBL ID	Target Class	Probability*	Known actives (3D/2D)
Carbonic anhydrase II	CA2	P00918	CHEMBL205	Lyase	1.0	5 / 49
Carbonic anhydrase VII	CA7	P43166	CHEMBL2326	Lyase	1.0	3 / 26
Carbonic anhydrase I	CA1	P00915	CHEMBL261	Lyase	1.0	5 / 47
Carbonic anhydrase III	CA3	P07451	CHEMBL2885	Lyase	1.0	1 / 3
Carbonic anhydrase VI	CA6	P23280	CHEMBL3025	Lyase	1.0	2 / 5
Carbonic anhydrase XII	CA12	O43570	CHEMBL3242	Lyase	1.0	5 / 30
Carbonic anhydrase XIV	CA14	Q9ULX7	CHEMBL3510	Lyase	1.0	3 / 26
Carbonic anhydrase IX	CA9	Q16790	CHEMBL3594	Lyase	1.0	4 / 28
Alpha-(1,3)-fucosyltransferase 7	FUT7	Q11130	CHEMBL3596077	Transferase	1.0	1 / 2
Carbonic anhydrase IV	CA4	P22748	CHEMBL3729	Lyase	1.0	2 / 4
Carbonic anhydrase VB	CA5B	Q9Y2D0	CHEMBL3969	Lyase	1.0	1 / 2
Carbonic anhydrase VA	CA5A	P35218	CHEMBL4789	Lyase	1.0	1 / 3
Carbonic anhydrase XIII (by homology)	CA13	Q8N1Q1	CHEMBL3912	Lyase	1.0	1 / 2
Squalene monooxygenase (by homology)	SQLE	Q14534	CHEMBL3592	Enzyme	0.150097810701	0 / 7
L-lactate dehydrogenase A chain	LDHA	P00338	CHEMBL4835	Enzyme	0.125075959828	0 / 14
L-lactate dehydrogenase B chain	LDHB	P07195	CHEMBL4940	Enzyme	0.125075959828	0 / 11
Transthyretin	TTR	P02766	CHEMBL3194	Secreted protein	0.125075959828	0 / 8
Insulin-like growth factor I receptor	IGF1R	P08069	CHEMBL1957	Kinase	0.125075959828	0 / 3
ALK tyrosine kinase receptor	ALK	Q9UM73	CHEMBL4247	Kinase	0.125075959828	0 / 3
Plasminogen activator inhibitor-1	SERPINE1	P05121	CHEMBL3475	Secreted protein	0.125075959828	0 / 8
Estrogen receptor beta	ESR2	Q92731	CHEMBL242	Nuclear receptor	0.125075959828	0 / 8
Apoptosis regulator Bcl-X	BCL2L1	Q07817	CHEMBL4625	Other ion channel	0.116739032206	0 / 2
G-protein coupled receptor 35	GPR35	Q9HC97	CHEMBL1293267	Family A G protein-coupled receptor	0.116739032206	0 / 2
Catechol O-methyltransferase (by homology)	COMT	P21964	CHEMBL2023	Transferase	0.116739032206	0 / 7
Thiopurine S-methyltransferase	TPMT	P51580	CHEMBL2500	Enzyme	0.116739032206	0 / 5
Aldo-keto-reductase family 1 member C3	AKR1C3	P42330	CHEMBL4681	Enzyme	0.0	0 / 4
Serum albumin	ALB	P02768	CHEMBL3253	Secreted protein	0.0	0 / 5
Tyrosinase	TYR	P14679	CHEMBL1973	Oxidoreductase	0.0	0 / 3
D-amino-acid oxidase	DAO	P14920	CHEMBL5485	Enzyme	0.0	0 / 1
Serine/threonine-protein kinase Aurora-B	AURKB	Q96GD4	CHEMBL2185	Kinase	0.0	0 / 1

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Tyrosine-protein kinase SRC	SRC	P12931	CHEMBL267	Kinase	0.0	0 / 1
Focal adhesion kinase 1	PTK2	Q05397	CHEMBL2695	Kinase	0.0	0 / 1
Vascular endothelial growth factor receptor 2	KDR	P35968	CHEMBL279	Kinase	0.0	0 / 1
Hepatocyte growth factor receptor	MET	P08581	CHEMBL3717	Kinase	0.0	0 / 2
Serine/threonine-protein kinase NEK2	NEK2	P51955	CHEMBL3835	Kinase	0.0	0 / 1
Tyrosine-protein kinase receptor UFO	AXL	P30530	CHEMBL4895	Kinase	0.0	0 / 2
Steroid 5-alpha-reductase 2	SRD5A2	P31213	CHEMBL1856	Oxidoreductase	0.0	0 / 13
Aldo-keto reductase family 1 member C2	AKR1C2	P52895	CHEMBL5847	Enzyme	0.0	0 / 4
Aldo-keto reductase family 1 member C1	AKR1C1	Q04828	CHEMBL5905	Enzyme	0.0	0 / 4
Tyrosine-protein kinase FYN	FYN	P06241	CHEMBL1841	Kinase	0.0	0 / 1
Tyrosine-protein kinase LCK	LCK	P06239	CHEMBL258	Kinase	0.0	0 / 3
Cannabinoid receptor 2	CNR2	P34972	CHEMBL253	Family A G protein-coupled receptor	0.0	0 / 5
DNA polymerase alpha subunit	POLA1	P09884	CHEMBL1828	Transferase	0.0	0 / 1
DNA polymerase beta	POLB	P06746	CHEMBL2392	Enzyme	0.0	0 / 2
Estrogen receptor alpha	ESR1	P03372	CHEMBL206	Nuclear receptor	0.0	0 / 5
Serine/threonine-protein kinase/endoribonuclease IRE1	ERN1	O75460	CHEMBL1163101	Enzyme	0.0	0 / 34
Poly [ADP-ribose] polymerase-1	PARP1	P09874	CHEMBL3105	Enzyme	0.0	0 / 1
Mevalonate pyrophosphate decarboxylase	MVD	P53602	CHEMBL4340	Enzyme	0.0	2 / 0
Tubulin beta-1 chain	TUBB1	Q9H4B7	CHEMBL1915	Structural protein	0.0	0 / 2
Fatty acid synthase	FASN	P49327	CHEMBL4158	Transferase	0.0	0 / 1
Thymidylate synthase	TYMS	P04818	CHEMBL1952	Transferase	0.0	0 / 5
Induced myeloid leukemia cell differentiation protein Mcl-1	MCL1	Q07820	CHEMBL4361	Other cytosolic protein	0.0	0 / 9
Monoamine oxidase B	MAOB	P27338	CHEMBL2039	Oxidoreductase	0.0	0 / 29
Cyclin-dependent kinase 2	CDK2	P24941	CHEMBL301	Kinase	0.0	0 / 1
Leukocyte elastase	ELANE	P08246	CHEMBL248	Protease	0.0	0 / 1
Monoamine oxidase A	MAOA	P21397	CHEMBL1951	Oxidoreductase	0.0	0 / 12
Alpha-2a adrenergic	ADRA2A	P08913	CHEMBL1867	Family A G	0.0	0 / 2

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receptor				protein-coupled receptor		
Adrenergic receptor alpha-2	ADRA2C	P18825	CHEMBL1916	Family A G protein-coupled receptor	0.0	0 / 2
Alpha-2b adrenergic receptor (by homology)	ADRA2B	P18089	CHEMBL1942	Family A G protein-coupled receptor	0.0	0 / 2
Adrenergic receptor beta	ADRB2	P07550	CHEMBL210	Family A G protein-coupled receptor	0.0	0 / 6
Beta-1 adrenergic receptor (by homology)	ADRB1	P08588	CHEMBL213	Family A G protein-coupled receptor	0.0	0 / 4
Dopamine D2 receptor	DRD2	P14416	CHEMBL217	Family A G protein-coupled receptor	0.0	0 / 2
Alpha-1a adrenergic receptor	ADRA1A	P35348	CHEMBL229	Family A G protein-coupled receptor	0.0	0 / 2
Retinoic acid receptor gamma	RARG	P13631	CHEMBL2003	Nuclear receptor	0.0	0 / 3
Retinoic acid receptor beta	RARB	P10826	CHEMBL2008	Nuclear receptor	0.0	0 / 3
Dual-specificity tyrosine-phosphorylation regulated kinase 1A	DYRK1A	Q13627	CHEMBL2292	Kinase	0.0	0 / 1
Dual specificity protein kinase CLK1	CLK1	P49759	CHEMBL4224	Kinase	0.0	0 / 1
Dual specificity tyrosine-phosphorylation-regulated kinase 1B	DYRK1B	Q9Y463	CHEMBL5543	Kinase	0.0	0 / 1
Corticotropin releasing factor receptor 1	CRHR1	P34998	CHEMBL1800	Family B G protein-coupled receptor	0.0	0 / 1
Dopamine D3 receptor	DRD3	P35462	CHEMBL234	Family A G protein-coupled receptor	0.0	0 / 2
Protein-tyrosine phosphatase 1B	PTPN1	P18031	CHEMBL335	Phosphatase	0.0	0 / 3
Cyclooxygenase-2	PTGS2	P35354	CHEMBL230	Oxidoreductase	0.0	0 / 2
Acetylcholinesterase	ACHE	P22303	CHEMBL220	Hydrolase	0.0	0 / 3
Phospholipase A2 group 1VB	PLA2G4B	P0C869	CHEMBL4136	Enzyme	0.0	0 / 9
Metabotropic glutamate receptor 2 (by homology)	GRM2	Q14416	CHEMBL5137	Family C G protein-coupled receptor	0.0	0 / 10
Lysine-specific demethylase 4D-like	KDM4E	B2RXH2	CHEMBL1293226	Eraser	0.0	0 / 3
Epidermal growth factor receptor erbB1	EGFR	P00533	CHEMBL203	Kinase	0.0	0 / 2

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Lysine-specific demethylase 4A	KDM4A	O75164	CHEMBL5896	Eraser	0.0	0 / 2
Dipeptidyl peptidase IV	DPP4	P27487	CHEMBL284	Protease	0.0	0 / 1
Steryl-sulfatase	STS	P08842	CHEMBL3559	Enzyme	0.0	0 / 2
Succinate semialdehyde dehydrogenase	ALDH5A1	P51649	CHEMBL1911	Oxidoreductase	0.0	0 / 1
Gamma-amino-N-butyrate transaminase	ABAT	P80404	CHEMBL2044	Transferase	0.0	0 / 1
Cannabinoid receptor 1	CNR1	P21554	CHEMBL218	Family A G protein-coupled receptor	0.0	0 / 2
Lysine-specific demethylase 3A	KDM3A	Q9Y4C1	CHEMBL1938209	Eraser	0.0	0 / 1
Lysine-specific demethylase 6B	KDM6B	O15054	CHEMBL1938211	Eraser	0.0	0 / 1
Alpha-ketoglutarate-dependent dioxygenase FTO	FTO	Q9C0B1	CHEMBL2331065	Oxidoreductase	0.0	0 / 1
Lysine-specific demethylase 4C	KDM4C	Q9H3R0	CHEMBL6175	Eraser	0.0	0 / 1
Apoptosis regulator Bcl-2	BCL2	P10415	CHEMBL4860	Other ion channel	0.0	0 / 5
Alpha-1d adrenergic receptor	ADRA1D	P25100	CHEMBL223	Family A G protein-coupled receptor	0.0	0 / 1
Mu opioid receptor (by homology)	OPRM1	P35372	CHEMBL233	Family A G protein-coupled receptor	0.0	0 / 1
Estradiol 17-beta-dehydrogenase 1	HSD17B1	P14061	CHEMBL3181	Enzyme	0.0	0 / 2
Equilibrative nucleoside transporter 1	SLC29A1	Q99808	CHEMBL1997	Electrochemical transporter	0.0	0 / 3
Indoleamine 2,3-dioxygenase	IDO1	P14902	CHEMBL4685	Enzyme	0.0	0 / 1
Cytochrome P450 19A1	CYP19A1	P11511	CHEMBL1978	Cytochrome P450	0.0	0 / 1
Cyclooxygenase-1	PTGS1	P23219	CHEMBL221	Oxidoreductase	0.0	0 / 1
Retinoid X receptor beta	RXRB	P28702	CHEMBL1870	Nuclear receptor	0.0	0 / 1
Retinoid X receptor gamma	RXRG	P48443	CHEMBL2004	Nuclear receptor	0.0	0 / 1
Retinoid X receptor alpha	RXRA	P19793	CHEMBL2061	Nuclear receptor	0.0	0 / 1
Glutamate carboxypeptidase II	FOLH1	Q04609	CHEMBL1892	Protease	0.0	0 / 1
Serotonin 3a (5-HT3a) receptor	HTR3A	P46098	CHEMBL1899	Ligand-gated ion channel	0.0	0 / 1