Table S1 All 373 compounds in the two herbs and the corresponding predicted OB

Molecule	Name	OB (%)
LM294*	forsythidmethylester	100
LM387*	7'-epi-8-hydroxypinoresinol	94.8
LM394*	1,7-dihydroxyxanthone	93.8
LM289*	(+)-pinoresinol monomethyl ether	92.9
LM285*	egenine	90.3
LM298*	matairesinol	89.6
JM77*	loniceracetalide A	89.4
JM63*	alpha-cedrol	89.3
JM1*	(-)-(3r,8s,9r,9as,10as)-9-ethenyl-8-(beta-d-glucopyranosyloxy)-2,3,9,9a,10,10a-hexahydro-5-oxo-5h,8h-pyrano[4,3-d]oxazolo[3,2-a]pyridine-3-carboxylic acid	87.5
JM200	(z)-3-methyl-2-(2-pentenyl)-2-cyclopenten-1-one	87.1
LM304*	phillyrin	85.1
JM57*	7-epi-loganin	85.1
JM173*/LM398*	camphol	83.3
LM287*	epipinoresinol	82.8
JM27	2-methyl-1-butanol	81.2
LM356*	(+)-lariciresinol	80.0
JM170*	ledol	79.7
LM430	safynol	78.3
JM16	1-pentanol	76.2
LM414*	campherenol	76.0
LM386*	8-hydroxypinoresinol	75.9
LM428*	onjixanthone i	75.9
LM345*	(+)-phillygenin	74.4
LM305*	(+)-pinoresinol	74.1
JM113*	sweroside	73.6
JM107*	secologanic acid	73.3
JM13	1-hexen-3-one	72.3
LM309*	3-ethyl-7hydroxyphthalide	70.5
JM250*	shuangkangsu	70.1
LM274*	astragalin	68.6
LM331	4-hydroxyphenylacetic acid	68.3
LM299*	(3r,4s,5r)-5-(3,4-dimethoxyphenyl)-3,4-bis(hydroxymethyl)dihydrofuran-2(3h)-one	67.5
JM225*/LM399*	camphor	67.4
LM338*	(-)-7'-o-methylegenine	67.1
JM189	trimethyl isothiazole	66.6
JM29	cis-2-penten-1-ol	66.4
JM199	cis-linalool oxide	66.2
LM288	erythritol	65.8

JM248*/ LM279*	caffeic acid	65.7
JM217*	bornyl acetate	65.5
LM384*	eugenol	65.4
LM409*	(+-)-car-3-ene-2,5-dione	64.2
LM349*	forsythoside d	63.7
JM198	cis-3-hex-en-1-ol	61.8
LM306*	(+)·pinoresinol monomethyl ether-4-d-beta-glucoside	61.2
JM74*	ioniceracetalides b	61.2
JM116*	vogeloside	60.9
LM273*	(+)-isolariciresinol	60.2
JM14	1-hexene	60.0
JM53*	3-hydroxy-2',4',7-trimethoxyflavone	59.9
JM140	nerolidol	59.8
JM201	valeraldehyde	59.5
JM130*	dl-menthol	59.4
JM249*	quinic acid	59.2
LM344*	rengynic acid	57.6
JM262*	(e)-3-(3,4-dihydroxyphenyl)acrylic acid	55.9
JM65*	caeruloside c	55.6
JM26	o-tolunitrile	55.5
LM358*	adoxosidic acid	55.4
LM424*	matatabiether	55.3
JM30	2-ethylfuran	54.2
LM417	delta-terpineol	53.9
JM254	(-)-dihydrocarveol	53.8
JM108*	secologanic dibutylacetal	53.6
JM40	3-(methylthio)propionaldehyde	53.6
LM363*	rengyoxide	53.6
JM205*	alloaromadendrene	53.5
JM251*	loganic acid	53.4
JM258*	3-caffeoylquinic acid methyl ester	52.9
LM374*	cyclopseudo-hypericin	52.5
LM284*	dimethylmatairesinol	52.3
JM111*/	secologanoside 7-methylester	51.4
JM151*/ LM332*	linalool	51.2
JM190*	eriodictyol-7-o-glucoside	51.0
LM401*	2-pinen-10-ol	50.5
JM202*	aromadendrene	50.5
JM43	3-penten-2-one	50.2
LM431	scopine	49.8
JM136	atractylodin	49.4

JM25	hex-2-enal	49.2
LM405	sarfole	49.2
JM178*/ LM377*	luteolin	49.0
JM42	3-methyl-2-butenal	48.9
LM415	cis-belta-terpineol	48.8
JM50	5-hydroxyl-3',4',5'7-teramethoxyl-ketone	47.5
JM105*/ LM310*	quercetin	46.8
LM407	norlapachol	46.6
JM121*/ LM323*	α-pinene	46.2
JM210	methyl linolenate	46.2
JM211	ethylli-nolenate	46.1
LM277	bicuculline	46.0
JM139	neryl acetate	46.0
JM152	linalool oxide	45.2
JM90	corymbosin	44.9
LM406/ JM118	α-terpineol	44.8
LM322	vanillic acid	44.8
JM237	thymol	44.4
LM389	sabinene	44.4
LM326	β-pinene	44.3
JM134	phenethylalcohol	44.3
JM137	(+)-longifolene	44.2
LM390	3-carene	44.2
LM371*	adhyperforin	44.0
LM370*	hyperforin	44.0
JM240	stigmasterol	43.8
JM203	carvacrol	43.7
JM143	eugenol	43.3
JM47	4-hydroxycinnamic acid	43.2
JM172	phytofluene	43.2
LM378	kampferol	43.1
LM364*	β-amyrin acetate	42.1
LM382	thymol	42.0
JM213	ethyl linoleate	42.0
JM59	8,11-octadecadienoic acid methyl ester	41.9
JM212	methyl linoleate	41.9
JM138	nerol	41.5
JM20	1,1-bicyclohexyl	41.3
LM400	myrcenol	41.3

LM423	lactucasterol	41.0
JM222	3,4-dihydroxybenzoic acid	40.7
JM185	nonanoic acid	40.5
LM412	alpha-limonene	40.3
LM266	(20s)-dammar-24-ene-3β,20-diol 3-acetate	40.2
JM184	1-nonanal	40.2
JM135	phenylacetaldehyde	39.5
LM381	leucocyanidian	39.2
JM22	(e,e)-2,4-hexadienal	38.6
JM165	chrysoeriol	37.5
JM35	3,4-dimethyl-2-hexanone	37.3
JM24	trans-2-heptenal	37.2
JM89/ LM325	β-sitosterol	36.9
LM395	quercetin-3-o-arabinoside	36.0
JM3	(e)-2-methyl-2-btenoic acid, 2-methyl propyl ester	35.5
JM168	methyl caffeate	35.4
JM169	furfural	35.3
JM233	quinoline	35.3
JM56	7,4'-di-o-methylapigenin	35.1
JM231/ LM388	camphene	35.0
JM126	γ-carotene	34.8
LM276	arctiin	34.4
JM232	indole	34.4
JM154	decanoic acid	34.0
LM422	i-linalool	33.6
JM259	5-caffeoylquinic acid methyl ester	33.6
JM120	α-cubebene	33.5
JM204	citronellol	33.5
JM7	(6cis-2trans) farnesol	33.2
LM397	alpha-terpinene	33.2
LM319	3β-acetyl-2,25-epoxydammarane-24α-ol	33.1
LM330	3β-acetyl-2,25-epoxydammarane-24β-ol	33.1
LM410	3β-acetyl-20,25-epoxydammarane-24α-ol	33.1
LM411	3β-acetyl-20,25-epoxydammarane-24β-ol	33.1
JM38	cephrol	32.9
JM132	benzaldehyde	32.6
JM39	3-(3,4-dihydroxyphenyl)propanoic acid	32.2
JM67	caryophyllene oxide	31.8
JM216	(-)-alpha-copaene	31.4
JM123	β-cubebene	31.4
JM150	trans-trans-farnesol	30.8

JM21	2,5-dimethylpyrazine	30.8
JM52	5-hydroxyl-4',7-dimethpxyl-ketone	30.8
JM115	loganic	30.7
LM403	myrcene	30.7
LM315	suspenolic acid	30.7
JM60	9,12-octadecadienoic acid	30.5
JM122	β-caryophyllene	30.3
JM234	elemol	30.3
JM51	5-hydroxyl-3',4',7-trimethoxyl-ketone	30.2
JM45	4-hydroxybenzoic acid	30.2
JM6	(2cis-6trans)farnesol	30.0
JM11	1-(2,6-dihydroxy-4-methyphenyl)-ethanone	29.6
JM197	caryophyllene	29.4
JM114	tricin	29.3
JM145	hydroquinone	29.3
JM146	bicyclogermacrene	28.9
LM402	p-cymene	27.5
LM355	(-)-matairesinoside	27.3
LM404	matairesinoside	27.3
JM252	secologanoside	26.9
LM348	acteoside	26.6
JM54	6-methyl-5-hepten-2-one	25.9
LM281	(+)-pinoresinol-4-0-beta-d-glucoside	25.6
LM286	(+)-epipinoresinol-4'-o-d-glucoside	25.6
LM291	forsythenside b	25.1
JM83	succinic acid	24.9
JM31	2-isopropenyl-5-methylhex-4-enal	24.6
JM18	1-ethenyl-1-methyl-2,4-bis(1-methylethenyl)-cyclohexane	24.5
LM372	protopseudohypericin	24.4
LM383	α-caryophyllene	24.3
JM125	β-elemene	24.0
JM206	geraniol	23.9
LM334	β-d-glucopyranosiduronic acid	23.7
JM61	methyl-9-methyl tetradecanoate	23.6
JM79	loniceroside	23.6
JM110	secologanin	23.6
JM128	γ-elemene	23.6
JM48	methyl 4-hydroxycinnamate	23.1
JM8	1,2,4-phloroglucinol	22.9
JM223	dodecanoic acid	22.7
JM4	(e,e)-3,7,11-trimethyl-2,6,10-dodecatrien-1-yl	22.6
LM290	forsythenside a	21.9
LM408	geranial	21.9

JM72	germacrene d	21.6
JM127	γ-muurolene	21.5
JM221	guaiol	21.5
JM187	1-tridecanecarboxylic acid	21.2
JM17	capryl alcohol	21.1
JM71	dehydroxymorroniside	20.7
JM156	alexandrin	20.6
LM335	daucosterol	20.6
LM376	emodin anthrone	20.5
JM19	12-methyl-tridecanoic acid, methyl ester	20.3
LM413	beta-trans-ocimene	20.1
JM183	apigenin	20.0
JM163	hexanal	19.6
JM	(+)-epi-bicyclosesquiphellandrene	19.4
JM88	(s,1e,6e)-8-isopropyl-1-methyl-5-methylenecyclodeca-1,6-diene	19.4
JM102	palmitic acid	19.3
JM192	1-pentadecanecarboxylicacid	19.3
JM229	acidepalmitique	19.3
LM302	palmitic acid	19.3
JM230	ethylpalmitater	19.0
JM162	inositol	18.9
JM87	(+)-a-mullolene	18.8
JM133	benzylbenzoate	18.5
LM421	geraniin	18.3
JM228	rhodoxanthin	18.3
LM359	salidroside	18.3
LM329	betulonic acid	18.3
JM119	α-muurolene	18.2
JM193	methyl hexadecanoate	18.1
LM342	rengyolone	18.0
JM188	methyl tetradecanoate	17.9
JM220	zeaxanthin	17.8
JM191	dodecane	17.7
JM2	1s-cis)-1,2,3,5,6,8a-hexahydro-4,7-dimethyl-1-(1-mthylethyl)-naphthalene	17.7
LM313	succinic acid	17.7
LM368	pseudo-hypericin	17.1
LM433	terinen-4-ol	16.8
JM82/ LM301	oleanolic acid	16.7
JM207	octanoic acid	16.4
JM70	d-glucose	16.2
JM23	2-(octadecyloxy)-ethanol	16.2
JM196	tetradecane	15.9

JM124	β-eudesmol	15.4
LM312	stearic acid	15.4
JM209/ LM321	uraolic acid	15.2
LM369	hypericin	15.2
JM94	lignoceric acid	14.9
JM46	4-octadecylmorpholine	14.8
JM41	cis-jasmone	14.6
JM101	ochnaflavone	14.4
LM425	myricadiol	14.2
LM314	suspenol	14.1
LM365	quercitrin	14.1
JM195	myristic acid	13.6
LM341	rengyoside c	13.6
LM373	protohypericin	12.9
JM194	heptadecyloxirane	12.4
LM362	rengyol	12.1
JM76	isochlorogenic acid	11.9
LM350	forsythoside e	11.9
JM164	farnesylaceton	11.9
LM426	octacosanedioic acid	11.7
JM253	8-epiloganin	11.7
JM73	hederagenin	11.6
JM84	ursolic acid	11.4
JM129	ginnol	11.3
LM283	cornoside	10.7
LM292	forsythialan b	10.7
JM241	3-caffeoylquinic acid	10.6
JM243	5-caffeoylquinic acid	10.6
JM148	nonacosanyl alcohol	10.6
LM361	isorengyol	10.5
JM242	4-caffeoylquinic acid	10.5
JM5	(e,e,e)-3,7-11,16-tetramethyl hexadeca-2,6,10,14-tetraen-1-ol	10.1
JM175	methyl chlorogenate	10.0
JM261	3-caffeoylquinic acid ethyl ester	9.9
JM91	cosmosiin	9.7
LM432	sutchuenensine iv	9.7
JM32	(s)-phenethyl 2-bromopropanoate	9.1
JM86	zingiberene	8.9
JM117	α-hederin	8.9
JM33	2-bromododecane	8.8
JM49	5-o-caffeoyl quinic acid butyl ester	8.8
LM343	rengynic acid-1'-o-β-d-glucoside	8.7

JM227	phytantriol	8.5
JM149	heptacosane	8.2
LM380	amentoflavone	8.1
JM68	centauroside	8.1
LM300	n-hentriacontane	8.1
LM267	arctigenin	8.1
LM427	onjisaponin g	7.9
LM336	forsythinol	7.8
LM282	cedrusin	7.8
LM293	forsythide	7.7
LM270	iso-bauerenyl acetate	7.7
LM340	rengyoside b	7.6
LM379	myricetin	7.6
JM55	(e)-beta-farnesene	7.5
LM333	(-)-olivil	7.4
LM385	olivil	7.4
JM214	rhoifolin	6.7
JM208	neohederagenin f	6.7
JM161	macranthoidin b	6.6
JM224	saponin	6.5
JM180	cynaroside	6.4
JM166/ LM367	hyperoside	6.3
JM219	cryptoxanthin	6.2
JM109	secologanin dimethylacetal	6.0
JM99	madreselvin a	6.0
LM311	secoisolariciresinol	6.0
JM92	dinethylsecologanoside	5.7
JM15	1-pentadecene	5.6
JM176	loganin	4.9
JM28	2-methylpentadecane	4.4
JM58	7-epi-vogeloside	4.3
LM391	(-)-pinoresinol	4.3
LM296	isoquercetin	4.2
LM366	isoquercitrin	4.2
JM160	macranthoidin a	4.2
LM420	gamma-camphorene	3.9
JM186	lonicerin	3.8
JM10	1,6-dcyclohexylhexane	3.6
LM434	urushio III	3.6
JM62	akebia saponin d	3.6
LM347	forsythoside c	3.4
LM317	suspensaside b	3.4

JM112	secoxyloganin	3.3
JM144	stigmasterol 3-o-beta-d-glucoside	3.3
LM352	forsythoside g	3.3
LM351	forsythoside f	3.3
LM324	β-hydroxyacteoside	3.3
LM418	forsythoside b	3.3
JM179	sapindoside b	3.3
JM158	fulvotomentoside a	3.2
JM174/ LM354	rutin	3.2
LM346	forsythoside a	3.0
JM159	stragalin	3.0
JM100	madreselvin b	3.0
LM416	cynanuriculoside a	3.0
LM375	procyanidin	3.0
JM260	3,4,5-tricaffeoylquinic acid	3.0
LM339	rengyoside A	2.9
LM316	suspensaside A	2.9
JM141	disacoside B	2.1
JM155	hydnocarpin	2.1
JM85	xylostosidine	1.9
JM104	quercetin-3-o-beta-d-glu	1.8
JM75	isochlorogenic acid C	1.8
JM246	3,5-dicaffeoylquinic acid	1.7
JM256	3,5-dicaffeoylquinic acid methyl ester.	1.7
JM247	4,5-dicaffeoylquinic acid	1.7
JM257	4,5-dicaffeoylquinic acid methyl ester.	1.7
JM245	3,4-dicaffeoylquinic acid	1.7
JM255	3,4-dicaffeoylquinic acid methyl ester.	1.7
LM280	caleolarioside A	1.6
LM307	plantainoside A	1.6

LM represents the molecule of *Fructus Forsythiae*, JM represents the molecule of *Lonicera japonica*, *the candidate molecules for target prediction.

Table S2 The information of all 248 protein targets.

Gene Name	Protain Name	Origin
UL54*	DNA polymerase	virus
HN*	Hemagglutinin-neuraminidase	virus
E*	Lysozyme	virus
NA*	Neuraminidase	virus
TK*	Thymidine kinase	virus
HTR1B*	5-hydroxytryptamine 1B receptor	human
HTR1D*	5-hydroxytryptamine 1D receptor	human
HTR1F*	5-hydroxytryptamine 1F receptor	human
HTR2A*	5-hydroxytryptamine 2A receptor	human
HTR2B*	5-hydroxytryptamine 2B receptor	human
HTR7*	5-hydroxytryptamine 7 receptor	human
ADORA2A*	Adenosine A2a receptor	human
ALOX5*	Arachidonate 5-lipoxygenase	human
ADRB2*	Beta-2 adrenergic receptor	human
ampC*	Beta-lactamase	human
PDE4B*	cAMP-specific 3',5'-cyclic phosphodiesterase 4B	human
CTSK*	Cathepsin K	human
CDK2*	Cell division protein kinase 2	human
PDE3A*	cGMP-inhibited 3',5'-cyclic phosphodiesterase A	human
DRD1*	D(1B) dopamine receptor	human
DRD2*	D(2) dopamine receptor	human
DRD3*	D(3) dopamine receptor	human
DRD4*	D(4) dopamine receptor	human
CALY*	D1 dopamine receptor-interacting protein calcyon	human
OPRD1*	Delta-type opioid receptor	human
folA*	Dihydrofolate reductase	human
DHODH*	Dihydroorotate dehydrogenase, mitochondrial	human
TOP2A*	DNA topoisomerase 2-alpha	human
EGFR*	Epidermal growth factor receptor	human
GRIN3A*	Glutamate [NMDA] receptor subunit 3A	human
GSK3B*	Glycogen synthase kinase-3 beta	human
HRH1*	Histamine H1 receptor	human
OPRK1*	Kappa-type opioid receptor	human
LCT*	Lactase-phlorizin hydrolase	human
LTA4H*	Leukotriene A-4 hydrolase	human
MIF*	Macrophage migration inhibitory factor	human
AOC3*	Membrane copper amine oxidase	human
MAPK14*	Mitogen-activated protein kinase 14	human
MAPK8*	Mitogen-activated protein kinase 8	human
NOS1*	Nitric-oxide synthase, brain	human
PPARG*	Peroxisome proliferator-activated receptor gamma	human

PLA2G1B*	Phospholipase A2	human
PTGS2*	Prostaglandin G/H synthase 2	human
deoD*	Purine nucleoside phosphorylase	human
TLR7*	Toll-like receptor 7	human
PRSS1*	Trypsin-1	human
TNF*	Tumor necrosis factor	human
CACNA1H*	Voltage-dependent T-type calcium channel subunit alpha-1H	human
PTGS1	Prostaglandin G/H synthase 1	human
SCN5A	Sodium channel protein type 5 subunit alpha	human
ESR1	Estrogen receptor	human
ADRA2A	Alpha-2A adrenergic receptor	human
HTR3A	5-hydroxytryptamine 3 receptor	human
PDE4D	cAMP-specific 3',5'-cyclic phosphodiesterase 4D	human
ADRA2C	Alpha-2C adrenergic receptor	human
CHRM1	Muscarinic acetylcholine receptor M1	human
HTR1A	5-hydroxytryptamine 1A receptor	human
ESR2	Estrogen receptor beta	human
GABRA4	Gamma-aminobutyric-acid receptor subunit alpha-4	human
ACHE	Acetylcholinesterase	human
GABRA5	Gamma-aminobutyric-acid receptor subunit alpha-5	human
CHRM3	Muscarinic acetylcholine receptor M3	human
KCNH2	Potassium voltage-gated channel subfamily H member 2	human
PDE4A	cAMP-specific 3',5'-cyclic phosphodiesterase 4A	human
ADRA2B	Alpha-2B adrenergic receptor	human
ADRB1	Beta-1 adrenergic receptor	human
CA2	Carbonic anhydrase 2	human
CACNA1C	Voltage-dependent L-type calcium channel subunit alpha-1C	human
ADRA1A	Alpha-1A adrenergic receptor	human
SLC6A4	Sodium-dependent serotonin transporter	human
GABRA1	Gamma-aminobutyric-acid receptor subunit alpha-1	human
DRD1	D(1A) dopamine receptor	human
ADRA1D	Alpha-1D adrenergic receptor	human
F2	Prothrombin	human
GABRA2	Gamma-aminobutyric-acid receptor subunit alpha-2	human
ADRA1B	Alpha-1B adrenergic receptor	human
CHRM5	Muscarinic acetylcholine receptor M5	human
HTR2C	5-hydroxytryptamine 2C receptor	human
gag-pol	Gag-Pol polyprotein	other organism
NOS2	Nitric oxide synthase, inducible	human
DPP4	Dipeptidyl peptidase 4	human
OPRM1	Mu-type opioid receptor	human
MAPK10	Mitogen-activated protein kinase 10	human
GABRB1	Gamma-aminobutyric-acid receptor subunit beta-1	human

GABRQ	Gamma-aminobutyric acid receptor subunit theta	human
GABRD	Gamma-aminobutyric acid receptor subunit delta	human
CACNA1S	Voltage-dependent L-type calcium channel subunit alpha-1S	human
GABRG2	Gamma-aminobutyric acid receptor subunit gamma-2	human
CALM1	Calmodulin	human
SLC6A2	Sodium-dependent noradrenaline transporter	human
HSP90AA1	Heat shock protein HSP 90-alpha	human
HTR1E	5-hydroxytryptamine 1E receptor	human
GABRP	Gamma-aminobutyric acid receptor subunit pi	human
GABRA6	Gamma-aminobutyric-acid receptor subunit alpha-6	human
PDPK1	3-phosphoinositide-dependent protein kinase 1	human
BACE1	Beta-secretase 1	human
GABRB2	Gamma-aminobutyric-acid receptor subunit beta-2	human
GABRE	Gamma-aminobutyric acid receptor subunit epsilon	human
ACE	Angiotensin-converting enzyme	human
GABRR3	Gamma-aminobutyric acid receptor subunit rho-3	human
KCNH7	Potassium voltage-gated channel subfamily H member 7	human
CSNK2A1	Casein kinase II subunit alpha	human
SLC6A3	Sodium-dependent dopamine transporter	human
CCNA2	Cyclin-A2	human
HTR4	5-hydroxytryptamine 4 receptor	human
THRB	Thyroid hormone receptor beta-1	human
GABRB3	Gamma-aminobutyric-acid receptor subunit beta-3	human
GABRR2	Gamma-aminobutyric acid receptor subunit rho-2	human
GABRA3	Gamma-aminobutyric-acid receptor subunit alpha-3	human
PLAU	Urokinase-type plasminogen activator	human
GABRG1	Gamma-aminobutyric acid receptor subunit gamma-1	human
CHEK1	Serine/threonine-protein kinase Chk1	human
GABRR1	Gamma-aminobutyric-acid receptor subunit rho-1	human
TSPO	Translocator protein	human
CACNA1D	Voltage-dependent L-type calcium channel subunit alpha-1D	human
F8	Coagulation factor VII	human
CACNA1G	Voltage-dependent T-type calcium channel subunit alpha-1G	human
PYGM	Glycogen phosphorylase, muscle form	human
VKORC1	Vitamin K epoxide reductase complex subunit 1	human
HSP90AB1	Heat shock protein HSP 90-beta	human
PIK3CG	Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma isoform	human
KDR	Vascular endothelial growth factor receptor 2	human
AKR1B1	Aldose reductase	human
ADA	Adenosine deaminase	human
PLA2G2A	Phospholipase A2, membrane associated	human
PTPN1	Tyrosine-protein phosphatase non-receptor type 1	human

RXRA	Retinoic acid receptor RXR-alpha	human
KIF11	Kinesin-like protein KIF11	human
PPARA	Peroxisome proliferator-activated receptor alpha	human
AR	Androgen receptor	human
PIM1	Proto-oncogene serine/threonine-protein kinase Pim-1	human
IGHG1	Ig gamma-1 chain C region	human
GABRG3	Gamma-aminobutyric acid receptor subunit gamma-3	human
SOAT1	Sterol O-acyltransferase 1	human
eltB	Heat-labile enterotoxin B chain	other organism
ERG11	Cytochrome P450 51	other organism
MAPK1	Mitogen-activated protein kinase 1	human
HPGDS	Glutathione-requiring prostaglandin D synthase	human
CHRM2	Muscarinic acetylcholine receptor M2	human
NOS3	Nitric-oxide synthase, endothelial	human
CA4	Carbonic anhydrase 4	human
HBB	Hemoglobin subunit beta	human
CHRM4	Muscarinic acetylcholine receptor M4	human
CA1	Carbonic anhydrase 1	human
CHRNA4	Neuronal acetylcholine receptor subunit alpha-4	human
PNMT	Phenylethanolamine N-methyltransferase	human
CHRNA7	Neuronal acetylcholine receptor subunit alpha-7	human
NQO2	Ribosyldihydronicotinamide dehydrogenase [quinone]	human
MAOA	Amine oxidase [flavin-containing] A	human
IGKC	Ig kappa chain C region	human
tgt	Queuine tRNA-ribosyltransferase	other organism
SCN10A	Sodium channel protein type 10 subunit alpha	human
PLA2G2E	Group IIE secretory phospholipase A2	human
SRC	Proto-oncogene tyrosine-protein kinase Src	human
CTRB1	Chymotrypsinogen B	human
KCNMA1	Calcium-activated potassium channel subunit alpha 1	human
GRIK2	Glutamate receptor, ionotropic kainate 2	human
HDAC8	Histone deacetylase 8	human
SCN1A	Sodium channel protein type 1 subunit alpha	human
PARP1	Poly [ADP-ribose] polymerase 1	human
HBA1	Hemoglobin subunit alpha	human
MAOB	Amine oxidase [flavin-containing] B	human
PRKACA	cAMP-dependent protein kinase catalytic subunit alpha	human
ADRB3	Beta-3 adrenergic receptor	human
ACHE	Cholinesterase	human
CYP2A6	Cytochrome P450 2A6	human
SLC18A2	Synaptic vesicular amine transporter	human
KCNJ11	ATP-sensitive inward rectifier potassium channel 11	human
HRH2	Histamine H2 receptor	human

ABCC8	ATP-binding cassette transporter sub-family C member 8	human
ADORA1	Adenosine A1 receptor	human
GRIN2A	Glutamate [NMDA] receptor subunit epsilon-1	human
cobT	Nicotinate-nucleotide--dimethylbenzimidazole phosphoribosyltransferase	other organism
inhA	Enoyl-[acyl-carrier-protein] reductase [NADH]	other organism
GRIA2	Glutamate receptor 2	human
HNMT	Histamine N-methyltransferase	human
xynY	Endo-1,4-beta-xylanase Y	other organism
TMP1	Thymidylate synthase	other organism
SLC12A1	Solute carrier family 12 member 1	human
PDE5A	cGMP-specific 3',5'-cyclic phosphodiesterase	human
DHFRL1	Dihydrofolate reductase-like protein 1	human
ABL1	Proto-oncogene tyrosine-protein kinase ABL1	human
KIT	Mast/stem cell growth factor receptor	human
CACNB4	Voltage-dependent L-type calcium channel subunit beta-4	human
CDK2deltaT	D-HSCDK2	human
folB	Dihydroneopterin aldolase	other organism
NCOA2	Nuclear receptor coactivator 2	human
accC	Biotin carboxylase	other organism
Streptavidin	Streptavidin	other organism
F13A1	Coagulation factor X	human
CDK5	Cell division protein kinase 5	human
MAPK8IP1	C-jun-amino-terminal kinase-interacting protein 1	human
PDE10A	cAMP and cAMP-inhibited cGMP 3',5'-cyclic phosphodiesterase 10A	human
MAPKAPK2	MAP kinase-activated protein kinase 2	human
NQO1	NAD(P)H dehydrogenase [quinone] 1	human
WEE1	Wee1-like protein kinase	human
LCK	Proto-oncogene tyrosine-protein kinase LCK	human
camC	Cytochrome P450-cam	other organism
CHRNA2	Neuronal acetylcholine receptor subunit alpha-2	human
PGR	Progesterone receptor	human
NR3C2	Mineralocorticoid receptor	human
RNASE1	Ribonuclease pancreatic	human
gyrA	DNA gyrase subunit A	other organism
MET	Hepatocyte growth factor receptor	human
rpmF	50S ribosomal protein L32	other organism
npr	Thermolysin	other organism
nprS	Bacillolysin	other organism
REN	Renin	human
tyrB	Aromatic-amino-acid aminotransferase	other organism
TYR	Tyrosinase	human
TH	Tyrosine 3-monooxygenase	human
aauA	Aralkylamine dehydrogenase light chain	other organism

CTSB	Cathepsin B	human
MAN2A1	Alpha-mannosidase 2	human
PAH	Phenylalanine-4-hydroxylase	human
CGTase	Cyclomaltodextrin glucanotransferase	other organism
GRIN2B	Glutamate [NMDA] receptor subunit epsilon-2	human
CHRNB4	Neuronal acetylcholine receptor subunit beta-4	human
chiB	Chitinase B	other organism
NCOA1	Nuclear receptor coactivator 1	human
GRIN1	Glutamate [NMDA] receptor subunit zeta-1	human
fabZ	(3R)-hydroxymyristoyl-acyl carrier protein dehydratase	other organism
LCN9	Epididymal-specific lipocalin-9	human
NR3C1	Glucocorticoid receptor	human
NR1I2	Orphan nuclear receptor PXR	human
HAO1	Hydroxyacid oxidase 1	human
DAO	D-amino-acid oxidase	human
CELA1	Chymotrypsin-like elastase family member 1	human
ATP1A1	Sodium/potassium-transporting ATPase alpha-1 chain	human
ACACB	Acetyl-CoA carboxylase 2	human
CHRNA3	Neuronal acetylcholine receptor subunit alpha-3	human
PDE4C	cAMP-specific 3',5'-cyclic phosphodiesterase 4C	human
ADH1C	Alcohol dehydrogenase 1C	human
ADH1A	Alcohol dehydrogenase 1A	human
SAP2	Candidapepsin-2	other organism
ADH1B	Alcohol dehydrogenase 1B	human
cel5A	Endoglucanase 5A	other organism
celCCF	Endoglucanase F	other organism
TRPM8	Transient receptor potential cation channel subfamily M member 8	human
RHO	Rhodopsin	human
CES1	Liver carboxylesterase 1	human
blaCTX-M-9a	Beta-lactamase CTX-M-9a	other organism
AOC3	Copper amine oxidase	human
PYGL	Glycogen phosphorylase, liver form	human
XDH	Xanthine dehydrogenase/oxidase	human
MMP13	Collagenase 3	human
pufC	Photosynthetic reaction center cytochrome c subunit	other organism
gag-pol	Pol polyprotein	other organism

*the targets associated with influenza.