

| Mol ID | Molecular name | Target name | Gene name |
|--|-------------------|--|-----------|
| M002 | Chrysophanic acid | Prostaglandin G/H synthase 2 | PTGS2 |
| | | Caspase-1 | CASP1 |
| | | Mitochondrial brown fat uncoupling protein 1 | UCP1 |
| | | Peroxisome proliferator-activated receptor gamma | PPARGC1A |
| | | Peroxisome proliferator-activated receptor gamma | PPARG |
| | | CCAAT/enhancer-binding protein alpha | CEBPA |
| | | Epidermal growth factor receptor | EGFR |
| | | Interleukin-1 beta | IL1B |
| | | Sterol O-acyltransferase 2 | SOAT2 |
| | | Plasminogen activator inhibitor 1 | SERPINE1 |
| | | Cytochrome P450 7A1 | CYP7A1 |
| | | Beta-secretase 1 | BACE1 |
| | | Acetylcholinesterase | ACHE |
| | | Tyrosine-protein phosphatase non-receptor type 1 | PTPN1 |
| | | Tumor necrosis factor | TNF |
| | | Nuclear receptor-interacting protein 1 | NRIP1 |
| | | Nitric oxide synthase, inducible | NOS2 |
| | | Interleukin-6 | IL6 |
| | | Interleukin-10 | IL10 |
| | | Apoptosis regulator Bcl-2 | BCL2 |
| | | Apoptosis regulator BAX | BAX |
| | | Telomerase reverse transcriptase | TERT |
| | | Transcription factor 4 | TCF4 |
| | | Probable global transcription activator SNF2L2 | SMARCA2 |
| | | Multidrug and toxin extrusion protein 2 | SLC47A2 |
| | | Glucose-6-phosphate exchanger SLC37A4 | SLC37A4 |
| | | NAD-dependent protein deacylase sirtuin-5, mitochondrial | SIRT5 |
| | | Protein tyrosine phosphatase type IVA 3 | PTP4A3 |
| | | Serum paraoxonase/arylesterase 1 | PON1 |
| | | 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase | PLCG1 |
| | | Phosphoglycerate mutase 1 | PGAM1 |
| | | Histone-lysine N-methyltransferase NSD2 | NSD2 |
| | | NAD(P)H dehydrogenase [quinone] 1 | NQO1 |
| | | Arylamine N-acetyltransferase 1 | NAT1 |
| | | DNA-3-methyladenine glycosylase | MPG |
| | | Induced myeloid leukemia cell differentiation protein Mcl- | MCL1 |
| | | Potassium voltage-gated channel subfamily B member 1 | KCNB1 |
| | | Glutathione reductase, mitochondrial | GSR |
| | | Glyceraldehyde-3-phosphate dehydrogenase | GAPDH |
| | | Alpha-ketoglutarate-dependent dioxygenase FTO | FTO |
| | | Fibrinogen beta chain | FGB |
| | | ELAV-like protein 1 | ELAVL1 |
| | | Neutrophil elastase | ELANE |
| | | Eukaryotic translation initiation factor 4H | EIF4H |
| | | DNA (cytosine-5)-methyltransferase 3B | DNMT3B |
| | | Dopamine beta-hydroxylase | DBH |
| | | Cytochrome P450 1A1 | CYP1A1 |
| | | Carbonyl reductase [NADPH] 1 | CBR1 |
| | | Bcl-2-related protein A1 | BCL2A1 |
| | | ATP-citrate synthase | ACLY |
| | | Sodium channel protein type 5 subunit alpha | SCN5A |
| | | Prostaglandin G/H synthase 1 | PTGS1 |
| | | cAMP-dependent protein kinase catalytic subunit alpha | PRKACA |
| cAMP-dependent protein kinase inhibitor alpha | PKIA | | |
| Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic | PIK3CG | | |
| CGMP-inhibited 3',5'-cyclic phosphodiesterase A | PDE3A | | |
| Nuclear receptor coactivator 2 | NCOA2 | | |

| Mol ID | Molecular name | Target name | Gene name |
|---|----------------|--|---------------|
| | | Ig gamma-1 chain C region | IGHG1 |
| | | Heat shock protein HSP 90-alpha | HSP90AA1 |
| | | Gamma-aminobutyric-acid receptor subunit alpha-1 | GABRA1 |
| | | Calmodulin | CAMKK2 |
| | | Thymic stromal lymphopoietin | TSLP |
| | | Receptor-interacting serine/threonine-protein kinase 2 | RIPK2 |
| | | Myeloperoxidase | MPO |
| | | Interleukin-4 | IL4 |
| | | Interleukin-17A | IL17A |
| | | Intercellular adhesion molecule 1 | ICAM1 |
| | | Interleukin-8 | CXCL8 |
| | | C-C chemokine receptor type 3 | CCR3 |
| | | C-C motif chemokine 17 | CCL17 |
| | | M004 | Chrysoobtusin |
| Interleukin-1 beta | IL1B | | |
| Amine oxidase [flavin-containing] A | MAOA | | |
| Butyrylcholinesterase | BCHE | | |
| Beta-secretase 1 | BACE1 | | |
| Acetylcholinesterase | ACHE | | |
| Tyrosine-protein phosphatase non-receptor type 1 | PTPN1 | | |
| Tubulin beta-1 chain | TUBB1 | | |
| Tubulin beta chain | TUBB | | |
| Taste receptor type 2 member 31 | TAS2R31 | | |
| Glucose-6-phosphate exchanger SLC37A4 | SLC37A4 | | |
| Solute carrier family 22 member 3 | SLC22A3 | | |
| Protein S100-B | S100B | | |
| Protein tyrosine phosphatase type IVA 3 | PTP4A3 | | |
| Protein-arginine deiminase type-4 | PADI4 | | |
| Protein-arginine deiminase type-3 | PADI3 | | |
| Nuclear receptor subfamily 0 group B member 1 | NR0B1 | | |
| Ribosyldihydronicotinamide dehydrogenase [quinone] | NQO2 | | |
| NAD(P)H dehydrogenase [quinone] 1 | NQO1 | | |
| Potassium voltage-gated channel subfamily B member 1 | KCNB1 | | |
| Serine/threonine-protein kinase/endoribonuclease IRE1 | ERN1 | | |
| Cytochrome P450 1A1 | CYP1A1 | | |
| Anthrax toxin receptor 2 | ANTXR2 | | |
| Arachidonate 5-lipoxygenase | ALOX5 | | |
| ATP-citrate synthase | ACLY | | |
| M027 | Cassitoroside | | |
| | | Butyrylcholinesterase | BCHE |
| | | Beta-secretase 1 | BACE1 |
| | | Acetylcholinesterase | ACHE |
| | | Tyrosine-protein phosphatase non-receptor type 1 | PTPN1 |
| | | Tyrosinase | TYR |
| | | Solute carrier family 5 member 4 | SLC5A4 |
| | | Sodium/glucose cotransporter 2 | SLC5A2 |
| | | Sodium/glucose cotransporter 1 | SLC5A1 |
| | | Solute carrier family 28 member 3 | SLC28A3 |
| | | Sucrase-isomaltase, intestinal | SI |
| | | Protein disulfide-isomerase | P4HB |
| | | GTPase NRas | NRAS |
| | | Myelin-associated glycoprotein | MAG |
| | | Galectin-9 | LGALS9 |
| | | Galectin-8 | LGALS8 |
| | | Galectin-7 | LGALS7 |
| | | Galectin-4 | LGALS4 |
| Galectin-3 | LGALS3 | | |

| Mol ID | Molecular name | Target name | Gene name | | |
|---|--------------------|---|--------------------------|-------------------------------------|-------|
| | | Galectin-1 | LGALS1 | | |
| | | Interleukin-6 | IL6 | | |
| | | Interleukin-2 | IL2 | | |
| | | Fibroblast growth factor 2 | FGF2 | | |
| | | Fibroblast growth factor 1 | FGF1 | | |
| | | Tissue factor | F3 | | |
| | | Endoplasmic reticulum aminopeptidase 1 | ERAP1 | | |
| | | Bifunctional epoxide hydrolase 2 | EPHX2 | | |
| | | Eukaryotic initiation factor 4A-I | EIF4A1 | | |
| | | B-cell receptor CD22 | CD22 | | |
| | | Carbonic anhydrase 13 | CA13 | | |
| | | Aldehyde dehydrogenase X, mitochondrial | ALDH1B1 | | |
| | | Retinal dehydrogenase 2 | ALDH1A2 | | |
| | | M028 | Physcion 8-gentiobioside | Amine oxidase [flavin-containing] A | MAOA |
| Tyrosinase | TYR | | | | |
| Cellular tumor antigen p53 | TP53 | | | | |
| Troponin T, cardiac muscle | TNNT2 | | | | |
| Troponin I, cardiac muscle | TNNI3 | | | | |
| Troponin C, slow skeletal and cardiac muscles | TNNC1 | | | | |
| Tyrosyl-DNA phosphodiesterase 1 | TDP1 | | | | |
| Solute carrier family 5 member 4 | SLC5A4 | | | | |
| Sodium/glucose cotransporter 2 | SLC5A2 | | | | |
| Sodium/glucose cotransporter 1 | SLC5A1 | | | | |
| Solute carrier family 28 member 3 | SLC28A3 | | | | |
| Protein tyrosine phosphatase type IVA 3 | PTP4A3 | | | | |
| Protein disulfide-isomerase | P4HB | | | | |
| P2Y purinoceptor 6 | P2RY6 | | | | |
| P2Y purinoceptor 14 | P2RY14 | | | | |
| Neuromedin-U receptor 2 | NMUR2 | | | | |
| Galectin-9 | LGALS9 | | | | |
| Galectin-7 | LGALS7 | | | | |
| Galectin-3 | LGALS3 | | | | |
| Galectin-1 | LGALS1 | | | | |
| Interleukin-6 | IL6 | | | | |
| Interleukin-2 | IL2 | | | | |
| Endoplasmic reticulum aminopeptidase 1 | ERAP1 | | | | |
| B-cell receptor CD22 | CD22 | | | | |
| Beta-1,4-galactosyltransferase 1 | B4GALT1 | | | | |
| Pancreatic alpha-amylase | AMY2A | | | | |
| Aldehyde dehydrogenase X, mitochondrial | ALDH1B1 | | | | |
| Retinal dehydrogenase 2 | ALDH1A2 | | | | |
| ATP-citrate synthase | ACLY | | | | |
| DNA topoisomerase II | TOP2B | | | | |
| M032 | 1-desmethylobtusin | | | Tubulin beta-1 chain | TUBB1 |
| | | | | Transcription factor 4 | TCF4 |
| | | Taste receptor type 2 member 31 | TAS2R31 | | |
| | | Glucose-6-phosphate exchanger SLC37A4 | SLC37A4 | | |
| | | Protein tyrosine phosphatase type IVA 3 | PTP4A3 | | |
| | | Phosphoglycerate mutase 1 | PGAM1 | | |
| | | Protein-arginine deiminase type-4 | PADI4 | | |
| | | Protein-arginine deiminase type-3 | PADI3 | | |
| | | Ribosylidihydronicotinamide dehydrogenase [quinone] | NQO2 | | |
| | | NAD(P)H dehydrogenase [quinone] 1 | NQO1 | | |
| | | Potassium voltage-gated channel subfamily B member 1 | KCNB1 | | |
| | | Serine/threonine-protein kinase/endoribonuclease IRE1 | ERN1 | | |
| | | Cytochrome P450 1A1 | CYP1A1 | | |
| | | Carbonic anhydrase 13 | CA13 | | |

| Mol ID | Molecular name | Target name | Gene name |
|---|---|--|-----------|
| M036 | 1,3-dihydroxy-6-methoxy-7-methyl anthraquinone | Anthrax toxin receptor 2 | ANTXR2 |
| | | Arachidonate 5-lipoxygenase | ALOX5 |
| | | ATP-citrate synthase | ACLY |
| | | Tubulin beta-1 chain | TUBB1 |
| | | Cellular tumor antigen p53 | TP53 |
| | | Transcription factor 4 | TCF4 |
| | | Taste receptor type 2 member 31 | TAS2R31 |
| | | Glucose-6-phosphate exchanger SLC37A4 | SLC37A4 |
| | | Protein tyrosine phosphatase type IVA 3 | PTP4A3 |
| | | NAD(P)H dehydrogenase [quinone] 1 | NQO1 |
| | | Potassium voltage-gated channel subfamily B member 1 | KCNB1 |
| | | Fibrinogen beta chain | FGB |
| | | Cytochrome P450 1B1 | CYP1B1 |
| | | Cystathionine beta-synthase | CBS |
| | | Carbonyl reductase [NADPH] 1 | CBR1 |
| | | Bromodomain-containing protein 7 | BRD7 |
| | | Anthrax toxin receptor 2 | ANTXR2 |
| | | ATP-citrate synthase | ACLY |
| | | ATP-binding cassette sub-family C member 2 | ABCC2 |
| M043 | Obtusifolin-2-O-β-D-(6'-O-acetyl) glucopyranoside | Cellular tumor antigen p53 | TP53 |
| | | Troponin T, cardiac muscle | TNNT2 |
| | | Troponin I, cardiac muscle | TNNI3 |
| | | Troponin C, slow skeletal and cardiac muscles | TNNC1 |
| | | Tyrosyl-DNA phosphodiesterase 1 | TDP1 |
| | | Transcription factor 4 | TCF4 |
| | | Solute carrier family 5 member 4 | SLC5A4 |
| | | Sodium/glucose cotransporter 2 | SLC5A2 |
| | | Sodium/glucose cotransporter 1 | SLC5A1 |
| | | Glucose-6-phosphate exchanger SLC37A4 | SLC37A4 |
| | | Solute carrier family 28 member 3 | SLC28A3 |
| | | Protein disulfide-isomerase | P4HB |
| | | Neuromedin-U receptor 2 | NMUR2 |
| | | Galectin-9 | LGALS9 |
| | | Potassium voltage-gated channel subfamily B member 1 | KCNB1 |
| | | Interleukin-6 | IL6 |
| | | Interleukin-2 | IL2 |
| | | Alpha-ketoglutarate-dependent dioxygenase FTO | FTO |
| | | Endoplasmic reticulum aminopeptidase 1 | ERAP1 |
| | | DNA (cytosine-5)-methyltransferase 3B | DNMT3B |
| | | Carbonyl reductase [NADPH] 1 | CBR1 |
| | | Carbonic anhydrase 9 | CA9 |
| | | Carbonic anhydrase 7 | CA7 |
| | | Carbonic anhydrase 13 | CA13 |
| | | Carbonic anhydrase 12 | CA12 |
| | | Aldehyde dehydrogenase X, mitochondrial | ALDH1B1 |
| | | Retinal dehydrogenase 2 | ALDH1A2 |
| | | | |
| DNA topoisomerase 1 | TOP1 | | |
| Troponin T, cardiac muscle | TNNT2 | | |
| Troponin I, cardiac muscle | TNNI3 | | |
| Troponin C, slow skeletal and cardiac muscles | TNNC1 | | |
| Tyrosyl-DNA phosphodiesterase 1 | TDP1 | | |
| Solute carrier family 5 member 4 | SLC5A4 | | |
| Sodium/glucose cotransporter 2 | SLC5A2 | | |
| Sodium/glucose cotransporter 1 | SLC5A1 | | |
| Solute carrier family 28 member 3 | SLC28A3 | | |
| Protein disulfide-isomerase | P4HB | | |

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|---|---|--|-----------|
| M048 | 1,7-dimethoxyl-2,8-dihydroxyl-3-methylanthraquinone-2-O-β-D-glucopyranoside | P2Y purinoceptor 14 | P2RY14 |
| | | GTPase NRas | NRAS |
| | | Neuromedin-U receptor 2 | NMUR2 |
| | | Galectin-9 | LGALS9 |
| | | Galectin-3 | LGALS3 |
| | | Potassium voltage-gated channel subfamily B member 1 | KCNB1 |
| | | Interleukin-6 | IL6 |
| | | Interleukin-2 | IL2 |
| | | GTPase HRas | HRAS |
| | | Fibroblast growth factor 2 | FGF2 |
| | | Fibroblast growth factor 1 | FGF1 |
| | | Endoplasmic reticulum aminopeptidase 1 | ERAP1 |
| | | Carbonic anhydrase 7 | CA7 |
| | | Carbonic anhydrase 13 | CA13 |
| | | Carbonic anhydrase 12 | CA12 |
| | | Aldehyde dehydrogenase X, mitochondrial | ALDH1B1 |
| | | Retinal dehydrogenase 2 | ALDH1A2 |
| M051 | 2,8-dimethoxyl-1,6-dihydroxy-3-methylanthraquinone-6-O-β-D-glucopyranoside | Tyrosinase | TYR |
| | | Troponin T, cardiac muscle | TNNT2 |
| | | Troponin I, cardiac muscle | TNNI3 |
| | | Troponin C, slow skeletal and cardiac muscles | TNNC1 |
| | | Tyrosyl-DNA phosphodiesterase 1 | TDP1 |
| | | Taste receptor type 2 member 31 | TAS2R31 |
| | | Solute carrier family 5 member 4 | SLC5A4 |
| | | Sodium/glucose cotransporter 2 | SLC5A2 |
| | | Sodium/glucose cotransporter 1 | SLC5A1 |
| | | Solute carrier family 28 member 3 | SLC28A3 |
| | | Protein disulfide-isomerase | P4HB |
| | | GTPase NRas | NRAS |
| | | Galectin-9 | LGALS9 |
| | | Interleukin-6 | IL6 |
| | | Interleukin-2 | IL2 |
| | | Endoplasmic reticulum aminopeptidase 1 | ERAP1 |
| | | Carbonic anhydrase 13 | CA13 |
| Aldehyde dehydrogenase X, mitochondrial | ALDH1B1 | | |
| Retinal dehydrogenase 2 | ALDH1A2 | | |
| M057 | Isorubrofusarin 10-gentiobioside | Amine oxidase [flavin-containing] A | MAOA |
| | | Tyrosinase | TYR |
| | | Tyrosyl-DNA phosphodiesterase 1 | TDP1 |
| | | Solute carrier family 5 member 4 | SLC5A4 |
| | | Sodium/glucose cotransporter 2 | SLC5A2 |
| | | Sodium/glucose cotransporter 1 | SLC5A1 |
| | | Solute carrier family 28 member 3 | SLC28A3 |
| | | Protein disulfide-isomerase | P4HB |
| | | Neuromedin-U receptor 2 | NMUR2 |
| | | Galectin-9 | LGALS9 |
| | | Galectin-7 | LGALS7 |
| | | Galectin-3 | LGALS3 |
| | | Potassium voltage-gated channel subfamily D member 3 | KCND3 |
| | | Interleukin-6 | IL6 |
| | | Interleukin-2 | IL2 |
| | | Endoplasmic reticulum aminopeptidase 1 | ERAP1 |
| | | B-cell receptor CD22 | CD22 |
| Carbonic anhydrase 13 | CA13 | | |
| Beta-1,4-galactosyltransferase 1 | B4GALT1 | | |
| Pancreatic alpha-amylase | AMY2A | | |
| Aldehyde dehydrogenase X, mitochondrial | ALDH1B1 | | |

| Mol ID | Molecular name | Target name | Gene name | | |
|--|----------------|--|-----------|--|-------|
| M060 | Torosachryson | Retinal dehydrogenase 2 | ALDH1A2 | | |
| | | Taste receptor type 2 member 31 | TAS2R31 | | |
| | | Phospholipase A-2-activating protein | PLAA | | |
| | | [Pyruvate dehydrogenase (acetyl-transferring)] kinase | PDK4 | | |
| | | [Pyruvate dehydrogenase (acetyl-transferring)] kinase | PDK3 | | |
| | | Platelet-derived growth factor receptor alpha | PDGFRA | | |
| | | Mitogen-activated protein kinase kinase kinase 7 | MAP3K7 | | |
| | | Dual specificity mitogen-activated protein kinase kinase 6 | MAP2K6 | | |
| | | Potassium voltage-gated channel subfamily D member 3 | KCND3 | | |
| | | ELAV-like protein 3 | ELAVL3 | | |
| | | ELAV-like protein 1 | ELAVL1 | | |
| | | Cytochrome P450 1B1 | CYP1B1 | | |
| | | Cystathionine beta-synthase | CBS | | |
| | | Carbonyl reductase [NADPH] 1 | CBR1 | | |
| | | Calmodulin-1 | CALM1 | | |
| | | Serine/threonine-protein kinase receptor R3 | ACVRL1 | | |
| Broad substrate specificity ATP-binding cassette | ABCG2 | | | | |
| M061 | Cassialactone | Taste receptor type 2 member 31 | TAS2R31 | | |
| | | Phospholipase A-2-activating protein | PLAA | | |
| | | [Pyruvate dehydrogenase (acetyl-transferring)] kinase | PDK4 | | |
| | | [Pyruvate dehydrogenase (acetyl-transferring)] kinase | PDK3 | | |
| | | Platelet-derived growth factor receptor alpha | PDGFRA | | |
| | | Mitogen-activated protein kinase kinase kinase 7 | MAP3K7 | | |
| | | Dual specificity mitogen-activated protein kinase kinase 6 | MAP2K6 | | |
| | | Potassium voltage-gated channel subfamily D member 3 | KCND3 | | |
| | | ELAV-like protein 3 | ELAVL3 | | |
| | | Cytochrome P450 1B1 | CYP1B1 | | |
| | | Cystathionine beta-synthase | CBS | | |
| | | Carbonyl reductase [NADPH] 1 | CBR1 | | |
| | | Serine/threonine-protein kinase receptor R3 | ACVRL1 | | |
| | | Broad substrate specificity ATP-binding cassette | ABCG2 | | |
| | | | | Transforming growth factor beta-1 proprotein | TGFB1 |
| | | | | Tumor necrosis factor | TNF |
| Interleukin-6 | IL6 | | | | |
| Peroxisome proliferator-activated receptor gamma | PPARG | | | | |
| Aldo-keto reductase family 1 member B1 | AKR1B1 | | | | |
| NAD(P)H dehydrogenase [quinone] 1 | NQO1 | | | | |
| Nuclear factor erythroid 2-related factor 2 | NFE2L2 | | | | |
| Heme oxygenase 1 | HMOX1 | | | | |
| Apoptosis regulator Bcl-2 | BCL2 | | | | |
| Apoptosis regulator BAX | BAX | | | | |
| Caspase-3 | CASP3 | | | | |
| Cytochrome P450 2E1 | CYP2E1 | | | | |
| Cytochrome P450 2C9 | CYP2C9 | | | | |
| Cytochrome P450 1A2 | CYP1A2 | | | | |
| Cytochrome P450 1A1 | CYP1A1 | | | | |
| Vascular cell adhesion protein 1 | VCAM1 | | | | |
| Interleukin-5 | IL5 | | | | |
| Interleukin-4 | IL4 | | | | |
| Interleukin-1 beta | IL1B | | | | |
| Interleukin-13 | IL13 | | | | |
| Intercellular adhesion molecule 1 | ICAM1 | | | | |
| C-X-C motif chemokine 10 | CXCL10 | | | | |
| C-C motif chemokine 3 | CCL3 | | | | |
| Xanthine dehydrogenase/oxidase | XDH | | | | |
| DNA topoisomerase 2-alpha | TOP2A | | | | |
| Receptor-type tyrosine-protein phosphatase S | PTPRS | | | | |

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|---|----------------|--|-----------|
| M067 | Galangin | Receptor-type tyrosine-protein phosphatase gamma | PTPRG |
| | | Tyrosine-protein phosphatase non-receptor type 9 | PTPN9 |
| | | Tyrosine-protein phosphatase non-receptor type 6 | PTPN6 |
| | | Tyrosine-protein phosphatase non-receptor type 22 | PTPN22 |
| | | Tyrosine-protein phosphatase non-receptor type 13 | PTPN13 |
| | | Placenta growth factor | PGF |
| | | Protein disulfide-isomerase | P4HB |
| | | NADPH oxidase 4 | NOX4 |
| | | DNA-3-methyladenine glycosylase | MPG |
| | | Amine oxidase [flavin-containing] B | MAOB |
| | | Amine oxidase [flavin-containing] A | MAOA |
| | | Potassium voltage-gated channel subfamily D member 3 | KCND3 |
| | | Lactoylglutathione lyase | GLO1 |
| | | ELAV-like protein 3 | ELAVL3 |
| | | Dual specificity protein phosphatase 22 | DUSP22 |
| | | Dopamine beta-hydroxylase | DBH |
| | | Death-associated protein kinase 1 | DAPK1 |
| | | Cytochrome P450 2C8 | CYP2C8 |
| | | Cytochrome P450 1B1 | CYP1B1 |
| | | Cyclic AMP-responsive element-binding protein 1 | CREB1 |
| | | Dual specificity protein phosphatase CDC14A | CDC14A |
| | | Cystathionine beta-synthase | CBS |
| | | Carbonyl reductase [NADPH] 1 | CBR1 |
| | | Carbonic anhydrase 7 | CA7 |
| | | Carbonic anhydrase 4 | CA4 |
| | | Carbonic anhydrase 12 | CA12 |
| | | Butyrylcholinesterase | BCHE |
| | | Anthrax toxin receptor 2 | ANTXR2 |
| | | Alpha-amylase 1 | AMY1A |
| | | Adenosine receptor A3 | ADORA3 |
| | | Low molecular weight phosphotyrosine protein | ACP1 |
| | | Acetylcholinesterase | ACHE |
| | | Broad substrate specificity ATP-binding cassette | ABCG2 |
| | | ATP-dependent translocase ABCB1 | ABCB1 |
| | | Prostaglandin G/H synthase 2 | PTGS2 |
| | | Prostaglandin G/H synthase 1 | PTGS1 |
| | | cAMP-dependent protein kinase catalytic subunit alpha | PRKACA |
| | | Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic | PIK3CG |
| | | CGMP-inhibited 3',5'-cyclic phosphodiesterase A | PDE3A |
| | | Nitric oxide synthase, inducible | NOS2 |
| | | Heat shock protein HSP 90-alpha | HSP90AA1 |
| | | Dipeptidyl peptidase 4 | DPP4 |
| | | Cell division control protein 2 homolog | CRK2 |
| | | Serine/threonine-protein kinase Chk1 | CHEK1 |
| Cell division protein kinase 4 | CDK4 | | |
| G1/S-specific cyclin-D3 | CCND3 | | |
| Androgen receptor | AR | | |
| Aryl hydrocarbon receptor | AHR | | |
| UDP-glucuronosyltransferase 2B7 | UGT2B7 | | |
| CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3- | ST3GAL1 | | |
| Sterol regulatory element-binding protein 2 | SREBF2 | | |
| 3-oxo-5-alpha-steroid 4-dehydrogenase 2 | SRD5A2 | | |
| 3-oxo-5-alpha-steroid 4-dehydrogenase 1 | SRD5A1 | | |
| Solute carrier family 22 member 3 | SLC22A3 | | |
| Sodium/bile acid cotransporter | SLC10A1 | | |
| Sonic hedgehog protein | SHH | | |
| Sex hormone-binding globulin | SHBG | | |

| Mol ID | Molecular name | Target name | Gene name |
|--|----------------|---|-----------|
| M071 | Stigmasterol | Corticosteroid-binding globulin | SERPINA6 |
| | | Nuclear receptor ROR-alpha | RORA |
| | | DNA polymerase alpha catalytic subunit | POLA1 |
| | | Bile acid receptor | NR1H4 |
| | | Oxysterols receptor LXR-alpha | NR1H3 |
| | | Oxysterols receptor LXR-beta | NR1H2 |
| | | NPC1-like intracellular cholesterol transporter 1 | NPC1L1 |
| | | NPC intracellular cholesterol transporter 1 | NPC1 |
| | | Interleukin-2 | IL2 |
| | | G-protein coupled bile acid receptor 1 | GPBAR1 |
| | | Zinc finger protein GLI1 | GLI1 |
| | | Glucose-6-phosphate 1-dehydrogenase | G6PD |
| | | Fibroblast growth factor 2 | FGF2 |
| | | Estrogen receptor beta | ESR2 |
| | | Estrogen receptor | ESR1 |
| | | Ephrin type-B receptor 6 | EPHB6 |
| | | Ephrin type-B receptor 3 | EPHB3 |
| | | Ephrin type-B receptor 2 | EPHB2 |
| | | Ephrin type-B receptor 1 | EPHB1 |
| | | Ephrin type-A receptor 8 | EPHA8 |
| | | Ephrin type-A receptor 7 | EPHA7 |
| | | Ephrin type-A receptor 6 | EPHA6 |
| | | Ephrin type-A receptor 5 | EPHA5 |
| | | Ephrin type-A receptor 4 | EPHA4 |
| | | Ephrin type-A receptor 3 | EPHA3 |
| | | Ephrin type-A receptor 2 | EPHA2 |
| | | Ephrin type-A receptor 1 | EPHA1 |
| | | 3-beta-hydroxysteroid-Delta(8),Delta(7)-isomerase | EBP |
| | | Delta(24)-sterol reductase | DHCR24 |
| | | Aromatase | CYP19A1 |
| | | Steroid 17-alpha-hydroxylase/17,20 lyase | CYP17A1 |
| | | Alpha-crystallin B chain | CRYAB |
| | | Androgen receptor | AR |
| | | Multidrug resistance-associated protein 4 | ABCC4 |
| | | Bile salt export pump | ABCB11 |
| | | Vascular cell adhesion protein 1 | VCAM1 |
| | | Tumor necrosis factor | TNF |
| | | Nitric oxide synthase, inducible | NOS2 |
| | | Interleukin-1 beta | IL1B |
| | | Sodium-dependent dopamine transporter | SLC6A3 |
| | | Sodium-dependent noradrenaline transporter | SLC6A2 |
| | | Sodium channel protein type 5 subunit alpha | SCN5A |
| | | Retinoic acid receptor RXR-alpha | RXRA |
| | | Prostaglandin G/H synthase 2 | PTGS2 |
| | | Prostaglandin G/H synthase 1 | PTGS1 |
| | | cAMP-dependent protein kinase catalytic subunit alpha | PRKACA |
| | | Urokinase-type plasminogen activator | PLAU |
| | | Progesterone receptor | PGR |
| | | Mineralocorticoid receptor | NR3C2 |
| | | Nuclear receptor coactivator 2 | NCOA2 |
| | | Nuclear receptor coactivator 1 | NCOA1 |
| | | Amine oxidase [flavin-containing] B | MAOB |
| | | Amine oxidase [flavin-containing] A | MAOA |
| Leukotriene A-4 hydrolase | LTA4H | | |
| Ig gamma-1 chain C region | IGHG1 | | |
| 5-hydroxytryptamine 2A receptor | HTR2A | | |
| Gamma-aminobutyric-acid receptor subunit alpha-3 | GABRA3 | | |

| Mol ID | Molecular name | Target name | Gene name |
|--------|----------------|--|-----------|
| | | Gamma-aminobutyric-acid receptor subunit alpha-1 | GABRA1 |
| | | Chymotrypsinogen B | CTRB1 |
| | | Neuronal acetylcholine receptor subunit alpha-7 | CHRNA7 |
| | | Muscarinic acetylcholine receptor M3 | CHRM3 |
| | | Muscarinic acetylcholine receptor M2 | CHRM2 |
| | | Muscarinic acetylcholine receptor M1 | CHRM1 |
| | | Aldo-keto reductase family 1 member B1 | AKR1B1 |
| | | Beta-2 adrenergic receptor | ADRB2 |
| | | Beta-1 adrenergic receptor | ADRB1 |
| | | Alpha-2A adrenergic receptor | ADRA2A |
| | | Alpha-1B adrenergic receptor | ADRA1B |
| | | Alpha-1A adrenergic receptor | ADRA1A |
| | | Vascular cell adhesion protein 1 | VCAM1 |
| | | Intercellular adhesion molecule 1 | ICAM1 |
| | | Caspase-9 | CASP9 |
| | | Tumor necrosis factor | TNF |
| | | Solute carrier family 2, facilitated glucose transporter | SLC2A4 |
| | | Solute carrier family 2, facilitated glucose transporter | SLC2A2 |
| | | Peroxisome proliferator-activated receptor gamma | PPARG |
| | | Interleukin-6 | IL6 |
| | | Vascular endothelial growth factor A | VEGFA |
| | | Egl nine homolog 1 | EGLN1 |
| | | Hypoxia-inducible factor 1-alpha | HIF1A |
| | | Interleukin-1 beta | IL1B |
| | | Tumor necrosis factor receptor superfamily member 6 | FAS |
| | | C-C motif chemokine 2 | CCL2 |
| | | Adiponectin | ADIPOQ |
| | | Interleukin-8 | CXCL8 |
| | | Nitric oxide synthase, inducible | NOS2 |
| | | Amine oxidase [flavin-containing] A | MAOA |
| | | Beta-secretase 1 | BACE1 |
| | | Acetylcholinesterase | ACHE |
| | | Tyrosine-protein phosphatase non-receptor type 1 | PTPN1 |
| | | Glucose-6-phosphate exchanger SLC37A4 | SLC37A4 |
| | | Bcl-2-related protein A1 | BCL2A1 |
| | | Cellular tumor antigen p53 | TP53 |
| | | Prostaglandin G/H synthase 2 | PTGS2 |
| | | Prostaglandin G/H synthase 1 | PTGS1 |
| | | Protein kinase C epsilon type | PRKCE |
| | | Protein kinase C delta type | PRKCD |
| | | Protein kinase C alpha type | PRKCA |
| | | cAMP-dependent protein kinase catalytic subunit alpha | PRKACA |
| | | cAMP-dependent protein kinase inhibitor alpha | PKIA |
| | | Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic | PIK3CG |
| | | Proliferating cell nuclear antigen | PCNA |
| | | Nuclear receptor coactivator 2 | NCOA2 |
| | | Myc proto-oncogene protein | MYC |
| | | Ig gamma-1 chain C region | IGHG1 |
| | | Heat shock protein HSP 90-alpha | HSP90AA1 |
| | | Fatty acid synthase | FASN |
| | | Eukaryotic translation initiation factor 6 | EIF6 |
| | | Cell division control protein 2 homolog | CRK2 |
| | | Cyclin-dependent kinase inhibitor 1 | CDKN1A |
| | | G2/mitotic-specific cyclin-B1 | CCNB1 |
| | | Caspase-3 | CASP3 |
| | | Apoptosis regulator BAX | BAX |
| | | Aldo-keto reductase family 1 member B1 | AKR1B1 |
| M072 | Aloe emodin | | |

| Mol ID | Molecular name | Target name | Gene name |
|--------|----------------|--|-----------|
| | | Fatty aldehyde dehydrogenase (ALDH3A2) | ALDH3A2 |
| | | Telomerase reverse transcriptase | TERT |
| | | Transcription factor 4 | TCF4 |
| | | Multidrug and toxin extrusion protein 2 | SLC47A2 |
| | | NAD-dependent protein deacylase sirtuin-5, mitochondrial | SIRT5 |
| | | Protein tyrosine phosphatase type IVA 3 | PTP4A3 |
| | | Phosphoglycerate mutase 1 | PGAM1 |
| | | Histone-lysine N-methyltransferase NSD2 | NSD2 |
| | | DNA-3-methyladenine glycosylase | MPG |
| | | Glutathione reductase, mitochondrial | GSR |
| | | Glyceraldehyde-3-phosphate dehydrogenase | GAPDH |
| | | Alpha-ketoglutarate-dependent dioxygenase FTO | FTO |
| | | Fibrinogen beta chain | FGB |
| | | Ezrin | EZR |
| | | DNA (cytosine-5)-methyltransferase 3B | DNMT3B |
| | | Carbonyl reductase [NADPH] 1 | CBR1 |
| | | ATP-citrate synthase | ACLY |
| | | Vascular cell adhesion protein 1 | VCAM1 |
| | | Toll-like receptor 4 | TLR4 |
| | | Voltage-dependent anion-selective channel protein 1 | VDAC1 |
| | | Epidermal growth factor receptor | EGFR |
| | | Caspase-1 | CASP1 |
| | | Prostaglandin G/H synthase 2 | PTGS2 |
| | | C-X-C motif chemokine 5 | CXCL5 |
| | | Peroxisome proliferator-activated receptor gamma | PPARG |
| | | NF-kappa-B inhibitor alpha | NFKBIA |
| | | Interleukin-17A | IL17A |
| | | Interleukin-1 receptor-associated kinase 1 | IRAK1 |
| | | Caspase-3 | CASP3 |
| | | Myeloperoxidase | MPO |
| | | Amine oxidase [flavin-containing] B | MAOB |
| | | Amine oxidase [flavin-containing] A | MAOA |
| | | Butyrylcholinesterase | BCHE |
| | | Beta-secretase 1 | BACE1 |
| | | Acetylcholinesterase | ACHE |
| | | Tyrosine-protein phosphatase non-receptor type 1 | PTPN1 |
| | | Matrix metalloproteinase-9 | MMP9 |
| | | Interleukin-5 | IL5 |
| | | Interleukin-4 | IL4 |
| | | Interleukin-13 | IL13 |
| | | Heme oxygenase 1 | HMOX1 |
| | | Nitric oxide synthase, inducible | NOS2 |
| | | NF-kappa-B essential modulator | IKBKG |
| | | Inhibitor of nuclear factor kappa-B kinase subunit alpha | CHUK |
| | | Cellular tumor antigen p53 | TP53 |
| | | Transcription factor 4 | TCF4 |
| | | Glucose-6-phosphate exchanger SLC37A4 | SLC37A4 |
| | | Protein tyrosine phosphatase type IVA 3 | PTP4A3 |
| | | Serine/threonine-protein kinase pim-1 | PIM1 |
| | | Alpha-ketoglutarate-dependent dioxygenase FTO | FTO |
| | | Estrogen receptor beta | ESR2 |
| | | Estrogen receptor | ESR1 |
| M073 | Emodin | Casein kinase II subunit beta | CSNK2B |
| | | Casein kinase II subunit alpha | CSNK2A1 |
| | | Bcl-2-related protein A1 | BCL2A1 |
| | | Anthrax toxin receptor 2 | ANTXR2 |
| | | Aldo-keto reductase family 1 member B1 | AKR1B1 |

| Mol ID | Molecular name | Target name | Gene name |
|--------|----------------|--|-----------|
| | | ATP-citrate synthase | ACLY |
| | | UDP-glucuronosyltransferase 2B7 | UGT2B7 |
| | | UDP-glucuronosyltransferase 2B4 | UGT2B4 |
| | | UDP-glucuronosyltransferase 1A1 | UGT1A1 |
| | | Tumor necrosis factor | TNF |
| | | Metalloproteinase inhibitor 1 | TIMP1 |
| | | Sterol regulatory element-binding protein 1 | SREBF1 |
| | | Sodium/bile acid cotransporter | SLC10A1 |
| | | NAD-dependent protein deacetylase sirtuin-3, | SIRT3 |
| | | Peroxisome proliferator-activated receptor alpha | PPARA |
| | | Bile acid receptor | NR1H4 |
| | | Nuclear receptor subfamily 0 group B member 2 | NR0B2 |
| | | Interleukin-6 | IL6 |
| | | Interleukin-2 | IL2 |
| | | Interleukin-1 beta | IL1B |
| | | Interleukin-18 | IL18 |
| | | Interleukin-10 | IL10 |
| | | Intercellular adhesion molecule 1 | ICAM1 |
| | | 3-hydroxy-3-methylglutaryl-coenzyme A reductase | HMGCR |
| | | Diacylglycerol O-acyltransferase 1 | DGAT1 |
| | | Cytochrome P450 7A1 | CYP7A1 |
| | | Cytochrome P450 2E1 | CYP2E1 |
| | | Cytochrome P450 1B1 | CYP1B1 |
| | | Cytochrome P450 1A2 | CYP1A2 |
| | | Cytochrome P450 1A1 | CYP1A1 |
| | | Carnitine O-palmitoyltransferase 1, liver isoform | CPT1A |
| | | C-C motif chemokine 2 | CCL2 |
| | | Caspase-9 | CASP9 |
| | | RAC-beta serine/threonine-protein kinase | AKT2 |
| | | Peroxisomal acyl-coenzyme A oxidase 1 | ACOX1 |
| | | ATP-binding cassette sub-family C member 2 | ABCC2 |
| | | Bile salt export pump | ABCB11 |
| | | Interleukin-6 | IL6 |
| | | Interleukin-1 beta | IL1B |
| | | Cytochrome P450 2E1 | CYP2E1 |
| | | Cytochrome P450 2C9 | CYP2C9 |
| | | Cytochrome P450 1A2 | CYP1A2 |
| | | Beta-secretase 1 | BACE1 |
| | | Acetylcholinesterase | ACHE |
| | | Tumor necrosis factor receptor superfamily member 1A | TNFRSF1A |
| | | Tumor necrosis factor | TNF |
| | | Prostaglandin G/H synthase 2 | PTGS2 |
| | | Nitric oxide synthase, inducible | NOS2 |
| | | Hepatic triacylglycerol lipase | LIPC |
| | | 3-hydroxy-3-methylglutaryl-coenzyme A reductase | HMGCR |
| | | Toll-like receptor 4 | TLR4 |
| | | Interleukin-10 | IL10 |
| | | Tyrosine-protein phosphatase non-receptor type 1 | PTPN1 |
| | | Taste receptor type 2 member 31 | TAS2R31 |
| | | Glucose-6-phosphate exchanger SLC37A4 | SLC37A4 |
| | | Protein tyrosine phosphatase type IVA 3 | PTP4A3 |
| | | Phospholipase A-2-activating protein | PLAA |
| | | Platelet-derived growth factor receptor alpha | PDGFRA |
| | | Mitogen-activated protein kinase kinase kinase 7 | MAP3K7 |
| | | Dual specificity mitogen-activated protein kinase kinase 6 | MAP2K6 |
| | | Mucosa-associated lymphoid tissue lymphoma | MALT1 |
| | | Potassium voltage-gated channel subfamily D member 3 | KCND3 |

| Mol ID | Molecular name | Target name | Gene name |
|---|----------------|--|-----------|
| M074 | Phyiscion | ELAV-like protein 3 | ELAVL3 |
| | | Neutrophil elastase | ELANE |
| | | Cytochrome P450 1B1 | CYP1B1 |
| | | Cystathionine beta-synthase | CBS |
| | | Carbonyl reductase [NADPH] 1 | CBR1 |
| | | Calmodulin-1 | CALM1 |
| | | Bcl-2-related protein A1 | BCL2A1 |
| | | Serine/threonine-protein kinase receptor R3 | ACVRL1 |
| | | ATP-citrate synthase | ACLY |
| | | Broad substrate specificity ATP-binding cassette | ABCG2 |
| | | DNA topoisomerase 2-alpha | TOP2A |
| | | Sodium channel protein type 5 subunit alpha | SCN5A |
| | | Retinoic acid receptor RXR-alpha | RXRA |
| | | Prostaglandin G/H synthase 1 | PTGS1 |
| | | cAMP-dependent protein kinase catalytic subunit alpha | PRKACA |
| | | cAMP-dependent protein kinase inhibitor alpha | PKIA |
| | | Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic | PIK3CG |
| | | Nitric oxide synthase, endothelial | NOS3 |
| | | Nuclear receptor coactivator 2 | NCOA2 |
| | | Nuclear receptor coactivator 1 | NCOA1 |
| | | Ig gamma-1 chain C region | IGHG1 |
| | | Heat shock protein HSP 90-alpha | HSP90AA1 |
| | | Coagulation factor VII | F7 |
| | | Coagulation factor X | F10 |
| | | Calmodulin | CAMKK2 |
| | | Heme oxygenase 1 | HMOX1 |
| | | Caspase-9 | CASP9 |
| | | Caspase-8 | CASP8 |
| | | Caspase-3 | CASP3 |
| | | Apoptosis regulator Bcl-2 | BCL2 |
| | | Nitric oxide synthase, inducible | NOS2 |
| Interleukin-6 | IL6 | | |
| Vascular endothelial growth factor A | VEGFA | | |
| Oxysterols receptor LXR-alpha | NR1H3 | | |
| Oxysterols receptor LXR-beta | NR1H2 | | |
| Arachidonate 5-lipoxygenase | ALOX5 | | |
| Tumor necrosis factor | TNF | | |
| Heme oxygenase 1 | HMOX1 | | |
| Glutamate--cysteine ligase catalytic subunit | GCLC | | |
| Caspase-3 | CASP3 | | |
| Apoptosis regulator Bcl-2 | BCL2 | | |
| Signal transducer and activator of transcription 6 | STAT6 | | |
| Interleukin-1 beta | IL1B | | |
| Inhibitor of nuclear factor kappa-B kinase subunit beta | IKBKB | | |
| High mobility group protein B1 | HMGB1 | | |
| Interleukin-33 | IL33 | | |
| Interleukin-18 | IL18 | | |
| Vascular cell adhesion protein 1 | VCAM1 | | |
| Mitochondrial brown fat uncoupling protein 1 | UCP1 | | |
| Transforming growth factor beta-1 proprotein | TGFB1 | | |
| E-selectin | SELE | | |
| Peroxisome proliferator-activated receptor gamma | PPARG | | |
| 72 kDa type IV collagenase | MMP2 | | |
| Intercellular adhesion molecule 1 | ICAM1 | | |
| Cytochrome P450 2E1 | CYP2E1 | | |
| Cytochrome P450 2D6 | CYP2D6 | | |
| Cytochrome P450 2C9 | CYP2C9 | | |

| Mol ID | Molecular name | Target name | Gene name |
|-------------------------------|----------------|--|-----------|
| M085 | Rhein | Cytochrome P450 1A2 | CYP1A2 |
| | | Tranthyretin | TTR |
| | | Thiopurine S-methyltransferase | TPMT |
| | | Telomerase reverse transcriptase | TERT |
| | | Transcription factor 4 | TCF4 |
| | | Glucose-6-phosphate exchanger SLC37A4 | SLC37A4 |
| | | NAD-dependent protein deacylase sirtuin-5, mitochondrial | SIRT5 |
| | | P-selectin | SELP |
| | | L-selectin | SELL |
| | | Protein S100-B | S100B |
| | | Receptor-type tyrosine-protein phosphatase C | PTPRC |
| | | Protein tyrosine phosphatase type IVA 3 | PTP4A3 |
| | | 5'-AMP-activated protein kinase subunit beta-2 | PRKAB2 |
| | | Phosphoglycerate mutase 1 | PGAM1 |
| | | Histone-lysine N-methyltransferase NSD2 | NSD2 |
| | | DNA ligase 1 | LIG1 |
| | | Lysine-specific demethylase 5C | KDM5C |
| | | Lysine-specific demethylase 5B | KDM5B |
| | | Lysine-specific demethylase 5A | KDM5A |
| | | Lysine-specific demethylase 4E | KDM4E |
| | | Lysine-specific demethylase 4D | KDM4D |
| | | Lysine-specific demethylase 4C | KDM4C |
| | | Lysine-specific demethylase 4A | KDM4A |
| | | Lysine-specific demethylase 3A | KDM3A |
| | | Lysine-specific demethylase 2A | KDM2A |
| | | Hexokinase HKDC1 | HKDC1 |
| | | Hypoxia-inducible factor 1-alpha inhibitor | HIF1AN |
| | | Glutathione reductase, mitochondrial | GSR |
| | | Glyceraldehyde-3-phosphate dehydrogenase | GAPDH |
| | | Alpha-(1,3)-fucosyltransferase 7 | FUT7 |
| | | Alpha-ketoglutarate-dependent dioxygenase FTO | FTO |
| | | Eukaryotic translation initiation factor 4H | EIF4H |
| | | Dual specificity tyrosine-phosphorylation-regulated kinase | DYRK2 |
| | | DNA (cytosine-5)-methyltransferase 3B | DNMT3B |
| | | Dopamine beta-hydroxylase | DBH |
| | | M-phase inducer phosphatase 2 | CDC25B |
| | | Carbonyl reductase [NADPH] 1 | CBR1 |
| | | Carbonic anhydrase 6 | CA6 |
| | | Carbonic anhydrase 3 | CA3 |
| | | Carbonic anhydrase 14 | CA14 |
| | | Bcl-2-related protein A1 | BCL2A1 |
| | | Aldo-keto reductase family 1 member C3 | AKR1C3 |
| | | Aldo-keto reductase family 1 member C1 | AKR1C1 |
| | | ATP-citrate synthase | ACLY |
| | | Prostaglandin G/H synthase 2 | PTGS2 |
| | | Prostaglandin G/H synthase 1 | PTGS1 |
| | | Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic | PIK3CG |
| | | Nuclear receptor coactivator 2 | NCOA2 |
| | | Transcription factor AP-1 | JUN |
| | | Aldo-keto reductase family 1 member B1 | AKR1B1 |
| | | Heat shock protein HSP 90-alpha | HSP90AA1 |
| | | NACHT, LRR and PYD domains-containing protein 3 | NALP3 |
| | | Taste receptor type 2 member 31 | TAS2R31 |
| | | Taste receptor type 1 member 1 | TAS1R1 |
| | | Mothers against decapentaplegic homolog 3 | SMAD3 |
| Monocarboxylate transporter 4 | SLC16A3 | | |
| Transcription factor p65 | RELA | | |

| Mol ID | Molecular name | Target name | Gene name |
|--------------------------------------|-------------------------------|--|-----------|
| M086 | Toralactone | DNA polymerase iota | POLI |
| | | DNA polymerase eta | POLH |
| | | [Pyruvate dehydrogenase (acetyl-transferring)] kinase | PDK4 |
| | | [Pyruvate dehydrogenase (acetyl-transferring)] kinase | PDK3 |
| | | NAD(P)H dehydrogenase [quinone] 1 | NQO1 |
| | | Amine oxidase [flavin-containing] B | MAOB |
| | | Potassium voltage-gated channel subfamily D member 3 | KCND3 |
| | | Interleukin-2 | IL2 |
| | | Heat shock 70 kDa protein 1A | HSPA1A |
| | | Testosterone 17-beta-dehydrogenase 3 | HSD17B3 |
| | | Endoplasmic reticulum aminopeptidase 1 | ERAP1 |
| | | ELAV-like protein 3 | ELAVL3 |
| | | Cytochrome P450 1B1 | CYP1B1 |
| | | Stromal cell-derived factor 1 | CXCL12 |
| | | Cyclic AMP-responsive element-binding protein 1 | CREB1 |
| | | C-C chemokine receptor type 4 | CCR4 |
| | | Cystathionine beta-synthase | CBS |
| | | Carbonyl reductase [NADPH] 1 | CBR1 |
| | | Calmodulin-1 | CALM1 |
| | | Carbonic anhydrase 7 | CA7 |
| | | Carbonic anhydrase 3 | CA3 |
| | | Carbonic anhydrase 13 | CA13 |
| | | Anthrax toxin receptor 2 | ANTXR2 |
| | | Aldo-keto reductase family 1 member B10 | AKR1B10 |
| | | Broad substrate specificity ATP-binding cassette | ABCG2 |
| | | Estrogen receptor beta | ESR2 |
| | | Prostaglandin G/H synthase 2 | PTGS2 |
| | | Prostaglandin G/H synthase 1 | PTGS1 |
| | | cAMP-dependent protein kinase catalytic subunit alpha | PRKACA |
| | | Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic | PIK3CG |
| | | Nitric oxide synthase, inducible | NOS2 |
| | | Heat shock protein HSP 90-alpha | HSP90AA1 |
| | | Estrogen receptor | ESR1 |
| Serine/threonine-protein kinase Chk1 | CHEK1 | | |
| M108 | Rubrofusarin gentiobioside | Tyrosine-protein phosphatase non-receptor type 1 | PTPN1 |
| | | Amine oxidase [flavin-containing] A | MAOA |
| | | Peroxisome proliferator-activated receptor gamma | PPARG |
| | | lipoprotein lipase | LPL |
| | | Fatty acid synthase | FASN |
| | | CCAAT/enhancer-binding protein alpha | CEBPA |
| | | Tyrosinase | TYR |
| | | Tyrosyl-DNA phosphodiesterase 1 | TDP1 |
| | | Solute carrier family 5 member 4 | SLC5A4 |
| | | Sodium/glucose cotransporter 2 | SLC5A2 |
| | | Sodium/glucose cotransporter 1 | SLC5A1 |
| | | Solute carrier family 28 member 3 | SLC28A3 |
| | | Protein disulfide-isomerase | P4HB |
| | | Neuromedin-U receptor 2 | NMUR2 |
| | | Galectin-9 | LGALS9 |
| | | Galectin-7 | LGALS7 |
| | | Galectin-3 | LGALS3 |
| | | Potassium voltage-gated channel subfamily D member 3 | KCND3 |
| | | Interleukin-6 | IL6 |
| | | Interleukin-2 | IL2 |
| | | Endoplasmic reticulum aminopeptidase 1 | ERAP1 |
| | | B-cell receptor CD22 | CD22 |
| | | Carbonic anhydrase 13 | CA13 |

| Mol ID | Molecular name | Target name | Gene name |
|--------|----------------|---|-----------|
| | | Beta-1,4-galactosyltransferase 1 | B4GALT1 |
| | | Pancreatic alpha-amylase | AMY2A |
| | | Aldehyde dehydrogenase X, mitochondrial | ALDH1B1 |
| | | Retinal dehydrogenase 2 | ALDH1A2 |
| | | Butyrylcholinesterase | BCHE |
| | | Beta-secretase 1 | BACE1 |
| | | Acetylcholinesterase | ACHE |
| | | Amine oxidase [flavin-containing] A | MAOA |
| | | Tyrosine-protein phosphatase non-receptor type 1 | PTPN1 |
| | | Xanthine dehydrogenase/oxidase | XDH |
| | | Taste receptor type 2 member 31 | TAS2R31 |
| | | Taste receptor type 1 member 1 | TAS1R1 |
| | | Monocarboxylate transporter 4 | SLC16A3 |
| | | Receptor-type tyrosine-protein phosphatase S | PTPRS |
| | | Phospholipase A-2-activating protein | PLAA |
| | | [Pyruvate dehydrogenase (acetyl-transferring)] kinase | PDK4 |
| | | [Pyruvate dehydrogenase (acetyl-transferring)] kinase | PDK3 |
| | | NAD(P)H dehydrogenase [quinone] 1 | NQO1 |
| | | NADPH oxidase 4 | NOX4 |
| | | Nuclear factor NF-kappa-B p105 subunit | NFKB1 |
| | | Serine/threonine-protein kinase Nek6 | NEK6 |
| | | DNA-3-methyladenine glycosylase | MPG |
| | | Malate dehydrogenase, cytoplasmic | MDH1 |
| | | Amine oxidase [flavin-containing] B | MAOB |
| | | Lysine-specific demethylase 4E | KDM4E |
| | | Potassium voltage-gated channel subfamily D member 3 | KCND3 |
| | | Interleukin-2 | IL2 |
| | | Testosterone 17-beta-dehydrogenase 3 | HSD17B3 |
| | | Glutathione S-transferase omega-1 | GSTO1 |
| | | G protein-coupled receptor kinase 6 | GRK6 |
| | | G-protein coupled receptor 35 | GPR35 |
| | | Lactoylglutathione lyase | GLO1 |
| M109 | Rubrofusarin | ELAV-like protein 3 | ELAVL3 |
| | | ELAV-like protein 1 | ELAVL1 |
| | | Death-associated protein kinase 1 | DAPK1 |
| | | Cytochrome P450 2C8 | CYP2C8 |
| | | Cytochrome P450 1B1 | CYP1B1 |
| | | Cytochrome P450 1A1 | CYP1A1 |
| | | Stromal cell-derived factor 1 | CXCL12 |
| | | Cyclic AMP-responsive element-binding protein 1 | CREB1 |
| | | C-C chemokine receptor type 4 | CCR4 |
| | | Cystathionine beta-synthase | CBS |
| | | Carbonyl reductase [NADPH] 1 | CBR1 |
| | | Calmodulin-1 | CALM1 |
| | | Carbonic anhydrase 7 | CA7 |
| | | Carbonic anhydrase 3 | CA3 |
| | | Anthrax toxin receptor 2 | ANTXR2 |
| | | Alpha-amylase 1 | AMY1A |
| | | Arachidonate 5-lipoxygenase | ALOX5 |
| | | Arachidonate 12-lipoxygenase, 12S-type | ALOX12 |
| | | Aldo-keto reductase family 1 member B10 | AKR1B10 |
| | | Aldo-keto reductase family 1 member B1 | AKR1B1 |
| | | Broad substrate specificity ATP-binding cassette | ABCG2 |
| | | Multidrug resistance-associated protein 1 | ABCC1 |
| | | ATP-dependent translocase ABCB1 | ABCB1 |
| | | Beta-secretase 1 | BACE1 |
| | | Acetylcholinesterase | ACHE |

| Mol ID | Molecular name | Target name | Gene name |
|--------------|------------------|---|-----------|
| M114 | Aurantio-obtusin | Nitric oxide synthase, inducible | NOS2 |
| | | Tumor necrosis factor | TNF |
| | | Peroxisome proliferator-activated receptor gamma | PPARG |
| | | Peroxisome proliferator-activated receptor alpha | PPARA |
| | | Interleukin-6 | IL6 |
| | | Interleukin-1 beta | IL1B |
| | | C-C motif chemokine 2 | CCL2 |
| | | Amine oxidase [flavin-containing] B | MAOB |
| | | Amine oxidase [flavin-containing] A | MAOA |
| | | Butyrylcholinesterase | BCHE |
| | | Beta-secretase 1 | BACE1 |
| | | Acetylcholinesterase | ACHE |
| | | Tyrosine-protein phosphatase non-receptor type 1 | PTPN1 |
| | | Thiopurine S-methyltransferase | TPMT |
| | | Transcription factor 4 | TCF4 |
| | | Glucose-6-phosphate exchanger SLC37A4 | SLC37A4 |
| | | Receptor-type tyrosine-protein phosphatase S | PTPRS |
| | | Protein tyrosine phosphatase type IVA 3 | PTP4A3 |
| | | Phosphoglycerate mutase 1 | PGAM1 |
| | | Potassium voltage-gated channel subfamily B member 1 | KCNB1 |
| | | Alpha-(1,3)-fucosyltransferase 7 | FUT7 |
| | | Alpha-ketoglutarate-dependent dioxygenase FTO | FTO |
| | | Cyclic AMP-responsive element-binding protein 1 | CREB1 |
| | | Bcl-2-related protein A1 | BCL2A1 |
| | | ATP-citrate synthase | ACLY |
| | | Prostaglandin G/H synthase 2 | PTGS2 |
| | | Nuclear receptor coactivator 2 | NCOA2 |
| | | Coagulation factor VII | F7 |
| | | Coagulation factor X | F10 |
| | | Calmodulin-1 | CALM1 |
| M117 | Obtusin | Amine oxidase [flavin-containing] A | MAOA |
| | | Butyrylcholinesterase | BCHE |
| | | Beta-secretase 1 | BACE1 |
| | | Acetylcholinesterase | ACHE |
| | | Tyrosine-protein phosphatase non-receptor type 1 | PTPN1 |
| | | Tubulin beta-1 chain | TUBB1 |
| | | Transcription factor 4 | TCF4 |
| | | Taste receptor type 2 member 31 | TAS2R31 |
| | | Glucose-6-phosphate exchanger SLC37A4 | SLC37A4 |
| | | Protein tyrosine phosphatase type IVA 3 | PTP4A3 |
| | | Phosphoglycerate mutase 1 | PGAM1 |
| | | Protein-arginine deiminase type-4 | PADI4 |
| | | Protein-arginine deiminase type-3 | PADI3 |
| | | Ribosyldihydronicotinamide dehydrogenase [quinone] | NQO2 |
| | | Potassium voltage-gated channel subfamily B member 1 | KCNB1 |
| | | Serine/threonine-protein kinase/endoribonuclease IRE1 | ERN1 |
| | | Anthrax toxin receptor 2 | ANTXR2 |
| | | ATP-citrate synthase | ACLY |
| | | DNA topoisomerase 2-alpha | TOP2A |
| | | Prostaglandin G/H synthase 2 | PTGS2 |
| | | Nuclear receptor coactivator 2 | NCOA2 |
| | | Nuclear receptor coactivator 1 | NCOA1 |
| | | Coagulation factor X | F10 |
| Calmodulin-1 | CALM1 | | |
| | | Proto-oncogene serine/threonine-protein kinase Pim-1 | RAF1 |
| | | Tyrosine-protein phosphatase non-receptor type 1 | PTPN1 |
| | | Prostaglandin G/H synthase 2 | PTGS2 |

| Mol ID | Molecular name | Target name | Gene name |
|-----------------------|-------------------------|--|-----------|
| M123 | Isotaloralactone | Prostaglandin G/H synthase 1 | PTGS1 |
| | | cAMP-dependent protein kinase catalytic subunit alpha | PRKACA |
| | | Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic | PIK3CG |
| | | CGMP-inhibited 3',5'-cyclic phosphodiesterase A | PDE3A |
| | | Nitric oxide synthase, inducible | NOS2 |
| | | Mitogen-activated protein kinase 14 | MAPK14 |
| | | Heat shock protein HSP 90-alpha | HSP90AA1 |
| | | Glycogen synthase kinase-3 beta | GSK3B |
| | | Estrogen receptor beta | ESR2 |
| | | Estrogen receptor | ESR1 |
| | | Cell division protein kinase 2 | CDK2 |
| Cyclin-A2 | CCNA2 | | |
| M126 | Obtusifolin 2-glucoside | Butyrylcholinesterase | BCHE |
| | | Beta-secretase 1 | BACE1 |
| | | Acetylcholinesterase | ACHE |
| | | Tyrosine-protein phosphatase non-receptor type 1 | PTPN1 |
| | | Vascular endothelial growth factor A | VEGFA |
| | | Tyrosinase | TYR |
| | | Cellular tumor antigen p53 | TP53 |
| | | DNA topoisomerase 1 | TOP1 |
| | | Troponin T, cardiac muscle | TNNT2 |
| | | Troponin I, cardiac muscle | TNNI3 |
| | | Troponin C, slow skeletal and cardiac muscles | TNNC1 |
| | | Transcription factor 4 | TCF4 |
| | | Solute carrier family 5 member 4 | SLC5A4 |
| | | Sodium/glucose cotransporter 2 | SLC5A2 |
| | | Sodium/myo-inositol cotransporter 2 | SLC5A11 |
| | | Sodium/glucose cotransporter 1 | SLC5A1 |
| | | Glucose-6-phosphate exchanger SLC37A4 | SLC37A4 |
| | | Solute carrier family 28 member 3 | SLC28A3 |
| | | Protein disulfide-isomerase | P4HB |
| | | P2Y purinoceptor 6 | P2RY6 |
| | | P2Y purinoceptor 14 | P2RY14 |
| | | GTPase NRas | NRAS |
| | | Neuromedin-U receptor 2 | NMUR2 |
| | | Galectin-9 | LGALS9 |
| | | Galectin-7 | LGALS7 |
| | | Galectin-3 | LGALS3 |
| | | Galectin-1 | LGALS1 |
| | | Potassium voltage-gated channel subfamily B member 1 | KCNB1 |
| | | Interleukin-6 | IL6 |
| | | Interleukin-2 | IL2 |
| | | GTPase HRas | HRAS |
| | | Glutathione reductase, mitochondrial | GSR |
| | | Alpha-ketoglutarate-dependent dioxygenase FTO | FTO |
| | | Fibroblast growth factor 2 | FGF2 |
| | | Fibroblast growth factor 1 | FGF1 |
| | | Endoplasmic reticulum aminopeptidase 1 | ERAP1 |
| | | DNA (cytosine-5)-methyltransferase 3B | DNMT3B |
| | | Carbonyl reductase [NADPH] 1 | CBR1 |
| | | Carbonic anhydrase 9 | CA9 |
| | | Carbonic anhydrase 7 | CA7 |
| Carbonic anhydrase 4 | CA4 | | |
| Carbonic anhydrase 2 | CA2 | | |
| Carbonic anhydrase 14 | CA14 | | |
| Carbonic anhydrase 13 | CA13 | | |
| Carbonic anhydrase 12 | CA12 | | |

| Mol ID | Molecular name | Target name | Gene name |
|--------|----------------|---|-----------|
| | | Carbonic anhydrase 1 | CA1 |
| | | Beta-1,4-galactosyltransferase 1 | B4GALT1 |
| | | Aldehyde dehydrogenase X, mitochondrial | ALDH1B1 |
| | | Retinal dehydrogenase 2 | ALDH1A2 |
| | | Aldo-keto reductase family 1 member B1 | AKR1B1 |
| M129 | Quinizarin | Tyrosyl-DNA phosphodiesterase 2 | TDP2 |
| | | Mothers against decapentaplegic homolog 3 | SMAD3 |
| | | Glucose-6-phosphate exchanger SLC37A4 | SLC37A4 |
| | | Sentrin-specific protease 8 | SENPA8 |
| | | Sentrin-specific protease 6 | SENPA6 |
| | | Receptor-type tyrosine-protein phosphatase C | PTPRC |
| | | Tyrosine-protein phosphatase non-receptor type 13 | PTPN13 |
| | | 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase | PLCG1 |
| | | PH domain leucine-rich repeat-containing protein | PHLPP2 |
| | | Phosphoglycerate mutase 1 | PGAM1 |
| | | P2Y purinoceptor 4 | P2RY4 |
| | | Histone-lysine N-methyltransferase NSD2 | NSD2 |
| | | DNA-3-methyladenine glycosylase | MPG |
| | | Mucosa-associated lymphoid tissue lymphoma | MALT1 |
| | | Histone acetyltransferase KAT8 | KAT8 |
| | | Indoleamine 2,3-dioxygenase 1 | IDO1 |
| | | Hexokinase HKDC1 | HKDC1 |
| | | Guanine nucleotide-binding protein G(I)/G(S)/G(O) | GNG2 |
| | | Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit | GNB1 |
| | | Alpha-ketoglutarate-dependent dioxygenase FTO | FTO |
| | | Fibrinogen beta chain | FGB |
| | | Ectonucleoside triphosphate diphosphohydrolase 2 | ENTPD2 |
| | | Ectonucleoside triphosphate diphosphohydrolase 1 | ENTPD1 |
| | | DNA (cytosine-5)-methyltransferase 3-like | DNMT3L |
| | | D-aspartate oxidase | DDO |
| | | Dopamine beta-hydroxylase | DBH |
| | | Cocaine esterase | CES2 |
| | | Liver carboxylesterase 1 | CES1 |
| | | M-phase inducer phosphatase 2 | CDC25B |
| | | DNA-(apurinic or apyrimidinic site) lyase | APEX1 |
| | | Apoptotic protease-activating factor 1 | APAF1 |
| | | Sodium channel protein type 5 subunit alpha | SCN5A |
| | | Prostaglandin G/H synthase 2 | PTGS2 |
| | | Prostaglandin G/H synthase 1 | PTGS1 |
| | | Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic | PIK3CG |
| | | Amine oxidase [flavin-containing] B | MAOB |
| | | Heat shock protein HSP 90-alpha | HSP90AA1 |
| | | DNA topoisomerase 1 | TOP1 |