



Figure S1. Venn diagrams showing the cross-genes shared between licochalcones and LIHC. (A) The number of common genes shared between LCA and LIHC is 28. (B) The number of common genes shared between LCB and LIHC is 27. (C) The number of common genes shared between LCC and LIHC is 21. (D) The number of common genes shared between LCD and LIHC is 24. (E) The number of common genes shared between LCE and LIHC is 26. (F) The number of common genes shared between LCF and LIHC is 23. (G) The number of common genes shared between LCG and LIHC is 27.

	<chem>2H))([2H])[2H])[2H])C([2H])([2H])</chem> <chem>)[2H]</chem>		
BuOH	<chem>CCCCO</chem>	darkorange	0.189682388
sitosterol	<chem>CC[C@H](CC[C@@H](C)[C@H]1CC[C@@H]2[C@@@]1(CC[C@H]3[C@H]2CC=C4[C@@@]3(CC[C@@H](C4)O)C)C(C)C</chem>	darkorange	0.125221766
2-Caren-10-al	<chem>CC1(C2C1C=C(CC2)C=O)C</chem>	darkorange	0.111970159
Methylheptane	<chem>CCCCC(C)C</chem>	darkorange	0.172315115
Castanin	<chem>C[C@H]1[C@H]2[C@](CCC1=O)([C@H]([C@H](C3=C(C(=O)O)[C@]23O)C)O)OC(=O)C</chem>	darkorange	0.108593115
beta-Terpinene	<chem>CC(C)C1=CCC(=C)CC1</chem>	darkorange	0.18241959
anethole	<chem>C/C=C/C1=CC=C(C=C1)OC</chem>	darkorange	0.127105293
(E)-1-butoxyhex-2-ene	<chem>CCCCOC/C=C/CCC</chem>	darkorange	0.124033668
glucuronic acid	<chem>[C@@H]1([C@@H]([C@H](OC([C@@H]1O)O)C(=O)O)O)O</chem>	darkorange	0.185911216
Octadiene	<chem>CCCC/C=C/C=C</chem>	darkorange	0.146917164
WLN: 4OVR	<chem>CCCCOC(=O)C1=CC=CC=C1</chem> <chem>C1=CC=C(C=C1)C(=O)CC(=O)C2</chem> <chem>=CC=CC=C2</chem>	darkorange	0.138661005
Karenzu DK2 (1S,2S)-1,2-dimethylcyclopentane	<chem>C[C@H]1CCC[C@@H]1C</chem>	darkorange	0.159564261
2,2-DIMETHYLPENTAN E	<chem>CCCC(C)(C)C</chem>	darkorange	0.200316125
2,3-dimethylhexane (3S)-2,3-dimethylpentane	<chem>CCCC(C)C(C)C</chem>	darkorange	0.194485005
5,6,7,8-Tetrahydro- 2,4-dimethylquinoline (4S)-2,4-dimethylhexane	<chem>CC[C@H](C)C(C)C</chem>	darkorange	0.192746157
	<chem>CC1=CC(=NC2=C1CCCC2)C</chem>	darkorange	0.120459341
	<chem>CC[C@H](C)CC(C)C</chem>	darkorange	0.164820293
HEX	<chem>C1CC(C(=O)N(C1)O)P(=O)(O)O</chem>	darkorange	0.135622378
Sextone B	<chem>CC1CCCCC1</chem>	darkorange	0.154196234

Methylcyclopentane	<chem>CC1CCCC1</chem>	darkorange	0.151510089
Docosyl caffeate	<chem>CCCCCCCCCCCCCCCCCCCCCOC(=O)/C=C/C1=CC(=C(C=C1)O)O</chem>	darkorange	0.119080858
2-methyl-6-ethyldecane	<chem>CCCCC(CC)CCCC(C)C</chem>	darkorange	0.147979067
Pentadecanol	<chem>CCCCCCCCCCCCCCCCCO</chem>	darkorange	0.17943937
Isohexane	<chem>CCCC(C)C</chem>	darkorange	0.18380874
uralenneoside	<chem>C1[C@H]([C@@H]([C@H]([C@@H](O1)OC(=O)C2=CC(=C(C=C2)O)O)O)O)OCCCC.CCCCCC.CCCCCC.CC.CCCCCC.CCCCCCCCCC.CCCCCCCCCCCCCC/C=C/C.CCCCCC(C)(C)C.CCCCCC(F)(F)F.CCCCCC1CCCCC1.CCCCC1CCCC1.CCCCCC1=CC=CC=C1.CCCCC(C)C.CCCC/C=C/C.CCC</chem>	darkorange	0.105127513
(E)-dodec-2-ene	<chem>CC(C)CC</chem>	darkorange	0.116404506
Cyclobutanol, 1-ethyl-	<chem>CCC1(CCC1)O</chem>	darkorange	0.17984377
2-Tetradecanone	<chem>CCCCCCCCCCCCC(=O)C</chem>	darkorange	0.154087032
3,3-Dimethylpentane	<chem>CCC(C)(C)CC</chem>	darkorange	0.198875736
2-Ethyl-p-xylene	<chem>CCC1=C(C=CC(=C1)C)C</chem>	darkorange	0.17858198
3-methylheptane	<chem>CCCCC(C)CC</chem>	darkorange	0.15832641
3-methylhexane	<chem>CCCC(C)CC</chem>	darkorange	0.172136129
3-Methylpentane	<chem>CCC(C)CC</chem>	darkorange	0.180786826
3-Ethylpentane	<chem>CCC(CC)CC</chem>	darkorange	0.196244168
2,6,10-trimethyldodecane	<chem>CCC(C)CCCC(C)CCCC(C)C</chem>	darkorange	0.14867203
5,6,7,8-Tetrahydro-4-methylquinoline	<chem>CC1=C2CCCCC2=NC=C1CCCCCCCCCCCCC=CCCC(=O)O</chem>	darkorange	0.126626737
icos-5-enoic acid	<chem>CCCCCCCCCCCCCCCC=CCCC(=O)O</chem>	darkorange	0.126911161
12-methyltetradecanoate	<chem>CCC(C)CCCCCCCCCCCC(=O)[O-]</chem>	darkorange	0.127554046

gadelaidic acid	<chem>CCCCCCCCC/C=C/CCCCCCCC(=O)O</chem>	darkorange	0.127739802
Mipax	<chem>COC(=O)C1=CC=CC=C1C(=O)O</chem>	darkorange	0.142481027
DIBP	<chem>CC(C)COC(=O)C1=CC=CC=C1C(=O)OCC(C)C</chem>	darkorange	0.133024804
PENTYLFURAN	<chem>CCCCC1=CC=CO1</chem>	darkorange	0.172010563
(-)-Menthol	<chem>C[C@@H]1CC[C@H]([C@@H](C1)O)C(C)C</chem>	darkorange	0.146579818
DBP	<chem>CCCCOC(=O)c1ccccc1C(=O)OCC</chem>	darkorange	0.138464758
2-heptanone	<chem>CCCCCC(=O)C</chem>	darkorange	0.149829471
WLN: VH6	<chem>CCCCCCC=O</chem>	darkorange	0.162569312
Inermine	<chem>C1[C@@H]2[C@H](C3=C(O1)C=C(C=C3)O)OC4=CC5=C(C=C24)OCO5</chem>	green	0.11794432
Medicarpin	<chem>COC1=CC2=C(C=C1)[C@@H]3COC4=C([C@@H]3O2)C=CC(=C4)O</chem>	green	0.115257005
2',7-Dihydroxy-4'-methoxyisoflavan-7-O-β-d-glucopyranoside	<chem>CO[C@H]1c2ccc(O[C@@H]3O[C@H](CO)[C@@H](O)[C@H]3O)cc2O[C@@H](O)[C@@H]1c1ccccc1</chem>	green	0.086007388
glyasperin B	<chem>CC(=CCC1=C(C=C2C(=C1O)C(=O)C(CO2)C3=C(C=C(C=C3)O)O)OC)C</chem>	green	0.114582424
glyasperin F	<chem>CC1(C=CC2=C(C=CC(=C2O1)C3COC4=CC(=CC(=C4C3=O)O)O)O)C</chem>	green	0.121682439
Glyasperin C	<chem>CC(=CCC1=C(C2=C(C=C1O)OC[C@H](C2)C3=C(C=C(C=C3)O)O)OC)C</chem>	green	0.134921334
glyasperins D	<chem>CC(=CCC1=C(C=C2C(=C1OC)C[C@@H](CO2)C3=C(C=C(C=C3)O)O)OC)C</chem>	green	0.14212137
glyasperins Z	<chem>COc1ccc([C@H]2COc3cc(O)ccc3C2)c(O)c1CC=C(C)C</chem>	green	0.162283584
kanzonols X	<chem>CC(=CCC1=C(C=CC(=C1O)[C@H]2CC3=C(C=C(C=C3)O)CC=C(C)C)OC2)O)C</chem>	green	0.168709228
licoagropin	<chem>CC(C)=CCc1c(C)ccc2c1OC[C@H]1c3ccc(C)cc3O[C@@H]21</chem>	green	0.152088975

Phaseolinisoflavan	<chem>CC1(C=CC2=C(O1)C=CC(=C2O)[C@H]3CC4=C(C=C(C=C4)O)OC3)C</chem>	green	0.161029694
Licoricidin	<chem>CC(=CCC1=C(C=CC(=C1O)[C@H]2CC3=C(C=C(C(=C3OC)CC=C(C)C)O)OC2)O)C</chem>	green	0.14004529
lcoisoflavanone	<chem>CC1(C=CC2=C(O1)C=CC(=C2O)C3COC4=CC(=CC(=C4C3=O)O)O)C</chem>	green	0.128202427
shinpterocarpin	<chem>CC1(C=CC2=C(O1)C=CC3=C2O[C@@H]4[C@H]3OC5=C4C=C(C(=C5)O)C</chem>	green	0.144667191
Hispaglabridin B	<chem>CC1(C=CC2=C(O1)C=CC(=C2O)[C@H]3CC4=C(C5=C(C=C4)OC(C(=C5)(C)C)OC3)C</chem>	green	0.173400128
Glabridin	<chem>CC1(C=CC2=C(O1)C=CC3=C2O[C@H](C3)C4=C(C=C(C=C4)O)O)C</chem>	green	0.168251724
(-)-Medicocarpin	<chem>COC1=CC2=C(C=C1)[C@@H]3COC4=C([C@@H]3O2)C=CC(=C4)O[C@H]5[C@@H]([C@H]([C@@H]([C@H](O5)CO)O)O)O</chem>	green	0.09462257
Hispaglabridin A	<chem>CC(=CCC1=C(C=CC(=C1O)[C@H]2CC3=C(C4=C(C=C3)OC(C=C4)(C)C)OC2)O)C</chem>	green	0.181463464
1-Methoxyphaseollidin	<chem>CC(=CCC1=C(C=CC2=C1O[C@@H]3[C@H]2COC4=C3C(=CC(=C4)O)OC)O)C</chem>	green	0.150115742
3'(γ,γ -dimethylallyl)-kievitone	<chem>CC(C)=CCc1c(O)ccc([C@H]2COc3c(CC=C(C)C)c(O)cc(O)c3C2=O)c1O</chem>	green	0.13977841
3'-Hydroxy-4'-O-Methylglabridin	<chem>CC1(C=CC2=C(O1)C=CC3=C2O[C@H](C3)C4=C(C(=C(C=C4)O)C)O)O)C</chem>	green	0.176004766
3'-Methoxyglabridin	<chem>CC1(C=CC2=C(O1)C=CC3=C2OCC(C3)C4=C(C(=C(C=C4)O)OC)O)C</chem>	green	0.180980111
1-Methoxyfificolinol	<chem>CC(=CCC1=CC2=C(C=C1O)O[C@@H]3[C@H]2COC4=C3C(=C(C(=C4)O)CC=C(C)C)OC)C</chem>	green	0.125189952
2-[(3R)-8,8-dimethyl-3,4-dihydro-2H-pyrano[6,5-f]chromen-	<chem>COc1ccc([C@@H]2COc3c(ccc4c3C=CC(C)(C)O4)C2)c(O)c1</chem>	green	0.172713796

3-yl]-5-methoxyphenol			
Licoriisoflavan A	<chem>CC(=CCC1=C(C=CC(=C1O)[C@H]2CC3=C(C(=C(C=C3OC2)OC)CC=C(C)C)OC)O)C</chem>	green	0.147713866
Kanzonol F	<chem>CC(=CCC1=C(C2=C(C=C1O)OC[C@@H]3[C@H]2OC4=C3C=C5C=CC(OC5=C4)(C)C)OC)C</chem>	green	0.120374282
Kanzonol H	<chem>CC(=CCC1=C(C=CC(=C1O)[C@H]2CC3=C(C=C4C(=C3OC)CCC(O4)(C)C)OC2)O)C</chem>	green	0.126827382
Vestitol	<chem>COC1=CC(=C(C=C1)C2CC3=C(C=C(C=C3)O)OC2)O</chem>	green	0.148792488
Licoagrocarpin	<chem>CC(=CCC1=C(C=CC2=C1OC[C@@H]3[C@H]2OC4=C3C=CC(=C4)OC)O)C</chem>	green	0.154527467
Glyasperins K	<chem>CC(=CCC1=C(C=C2C(=C1O)C(=O)[C@H](CO2)C3=C(C=C(C=C3)OC)O)OC)C</chem>	green	0.112671039
Glyasperins M	<chem>CC1(C=CC2=C(O1)C=CC(=C2O)C3COC4=C(C3=O)C(=CC(=C4)O)OC)C</chem>	green	0.130754363
Vicenin-2	<chem>C1=CC(=CC=C1C2=CC(=O)C3=C(C=C(C(=C3O2)[C@H]4[C@@H]([C@H]([C@@H]([C@H](O4)CO)O)O)O)[C@H]5[C@@H]([C@H]([C@@H]([C@H](O5)CO)O)O)O)O)O</chem>	pink	1.047954256
vitexin	<chem>C1=CC(=CC=C1C2=CC(=O)C3=C(O2)C(=C(C=C3O)O)[C@H]4[C@@H]([C@H]([C@@H]([C@H](O4)CO)O)O)O)O</chem>	pink	0.674515579
violanthin	<chem>C[C@H]1[C@@H]([C@H]([C@H]([C@@H](O1)C2=C3C(=C(C(=C2O)[C@H]4[C@@H]([C@H]([C@@H]([C@H](O4)CO)O)O)O)O)C(=O)C=C(O3)C5=CC=C(C=C5)O)O)O)O</chem>	pink	0.806859156
schaftoside	<chem>C1[C@@H]([C@@H]([C@H]([C@@H](O1)C2=C3C(=C(C(=C2O)[C@H]4[C@@H]([C@H]([C@@H]([C@H](O4)CO)O)O)O)O)C(=O)C=C(O3)C5=CC=C(C=C5)O)O)O)O</chem>	pink	0.78202863

Isoviolanthin	<chem>C[C@H]1[C@@H]([C@H]([C@H]([C@@H](O1)C2=C(C(=C3C(=C2O)C(=O)C=C(O3)C4=CC=C(C=C4)O)[C@H]5[C@@H]([C@H]([C@@H]([C@H](O5)CO)O)O)O)O)O)O</chem>	pink	0.823532743
Isoschaftoside	<chem>C1[C@@H]([C@@H]([C@H]([C@@H](O1)C2=C(C(=C3C(=C2O)C(=O)C=C(O3)C4=CC=C(C=C4)O)[C@H]5[C@@H]([C@H]([C@@H]([C@H](O5)CO)O)O)O)O)O)O</chem>	pink	0.787221161
Morusin	<chem>CC(=CCC1=C(OC2=C(C1=O)C(=CC3=C2C=CC(O3)(C)C)O)C4=C(C=C(C=C4)O)O)C</chem>	red	0.092492024
Glycyrol	<chem>CC(=CCC1=C(C2=C(C=C1O)OC(=O)C3=C2OC4=C3C=CC(=C4)O)OC)C</chem>	red	0.116557341
Jaranol	<chem>COC1=CC(=C2C(=C1)OC(=C(C2=O)OC)C3=CC=C(C=C3)O)O</chem>	red	0.102628737
Neouralenol	<chem>CC(=CCC1=C(C=CC(=C1O)O)C2=C(C(=O)C3=CC(=C(C=C3O2)O)O)O)C</chem>	red	0.132493586
isorhamnetin	<chem>COC1=C(C=CC(=C1)C2=C(C(=O)C3=C(C=C(C=C3O2)O)O)O)O</chem>	red	0.096726622
Lupiwighteone	<chem>CC(=CCC1=C2C(=C(C=C1O)O)C(=O)C(=CO2)C3=CC=C(C=C3)O)C</chem>	red	0.112937352
formononetin	<chem>COC1=CC=C(C=C1)C2=COC3=C(C2=O)C=CC(=C3)O</chem>	red	0.105615408
Scopoletol	<chem>COC1=C(C=C2C(=C1)C=CC(=O)O2)O</chem>	red	0.097282987
Calycosin	<chem>COC1=C(C=C(C=C1)C2=COC3=C(C(C2=O)C=CC(=C3)O)O</chem>	red	0.109979252
kaempferol	<chem>C1=CC(=CC=C1C2=C(C(=O)C3=CC(=C(C=C3O2)O)O)O)O</chem>	red	0.104201502
8-Prenylwighteone	<chem>CC(=CCC1=C(C(=C2C(=C1O)C(=O)C(=CO2)C3=CC=C(C=C3)O)C=C(C)C)O)C</chem>	red	0.112820541
glyasperin E	<chem>COc1cc2oc(Oc3ccc(O)cc3O)c(-c3ccccc3)c(=O)c2cc1CC=C(C)C</chem>	red	0.083886213
Isotrifoliol	<chem>COC1=CC(=CC2=C1C3=C(C4=C(O3)C=C(C=C4)O)C(=O)O2)O</chem>	red	0.09888694

	<chem>CC(=CCC1=C(C=CC(=C1O)C2=COC3=CC(=C(C(=C3C2=O)O)CC=C(C(C)C)OC)O)C</chem>	red	0.137655058
kanzonols K			
	<chem>CC(=CCC1=C(C(=C2C(=C1O)C(=O)C(=CO2)C3=C4C(=C(C=C3)O)C=CC(O4)(C)C)CC=C(C)C)O)C</chem>	red	0.108205898
kanzonols L			
	<chem>CC1(C=CC2=C(O1)C=CC(=C2O)C3=COC4=C(C3=O)C(=C(C(=C4)O)CCC(C)(C)O)O)C</chem>	red	0.097718778
kanzonols T			
	<chem>CC1(C=CC2=C(O1)C=CC3=C2OC(=O)C(=C3)C4=C(C=C(C(=C4)O)O)C</chem>	red	0.081927711
kanzonols W			
(2S)-6-(2,4-dihydroxyphenyl)-2-(2-hydroxypropan-2-yl)-4-methoxy-2,3-dihydrofuro[3,2-g]chromen-7-one	<chem>CC(C)([C@@H]1CC2=C(O1)C=C3C(=C2OC)C=C(C(=O)O3)C4=C(C=C(C(=C4)O)O)O</chem>	red	0.088443124
	<chem>CC1(C=CC2=C(O1)C(=CC(=C2)C3=COC4=CC(=CC(=C4C3=O)O)O)O)C</chem>	red	0.112118155
Semilicoisoflavone B			
	<chem>CC(=CCC1=C2C(=C(C=C1O)O)C(=O)C(=C(O2)C3=CC=CC(=C3)O)C</chem>	red	0.121051245
Glepidotin A			
3-(2-hydroxy-4-methoxyphenyl)-2H-chromen-7-ol	<chem>COC1=CC(=C(C=C1)C2=CC3=C(C=C(C(=C3)O)OC2)O</chem>	red	0.07286876
8-(6-hydroxy-2-benzofuranyl)-2,2-dimethyl-5-chromenol	<chem>CC1(C)C=Cc2c(O)ccc(-c3cc4ccc(O)cc4o3)c2O1</chem>	red	0.075776073
	<chem>CC(=CCC1=C(C=CC(=C1)C2=C(C3=CC(=C(C(=C3O2)OC)OC)O)O)C</chem>	red	0.103324054
Liconeolignan			
3-(2,4-dihydroxyphenyl)-8-(1,1-dimethylprop-2-enyl)-7-hydroxy-5-methoxy-coumarin	<chem>C=CC(C)(C)c1c(O)cc(OC)c2cc(-c3ccc(O)cc3O)c(=O)oc12</chem>	red	0.103572564
	<chem>CC(=CCC1=CC2=C(C(=C1O)OC(=CC2=O)C3=CC=C(C(=C3)O)C</chem>	red	0.088572731
Licoflavone			
7-hydroxy-2-[4-hydroxy-3-(3-methylbut-2-enyl)phenyl]-6-(3-	<chem>CC(C)=CCc1cc(-c2cc(=O)c3cc(CC=C(C)C)c(O)cc3o2)ccc1O</chem>	red	0.091681419

methylbut-2-enyl)chromone	<chem>CC(=CCC1=C(C2=C(C=C1O)OC(=C(C2=O)O)C3=CC=C(C=C3)O)O)C</chem>	red	0.123649578
Licoflavonol	<chem>CC(=CCC1=C(C=CC(=C1)C2=CC(=O)C3=C(C=C(C=C3O2)O)O)O)C</chem>	red	0.101835871
Yinyanghuo D	<chem>CC(=CCC1=C(C=C(C(=C1OC)C2=COC3=C(C2=O)C=CC(=C3)O)O)OC)C</chem>	red	0.136174598
Licoricone	<chem>CC(=CCC1=C(C2=C(C=C1O)OC=C(C2=O)C3=CC=C(C=C3)OC)O)C</chem>	red	0.130976186
Gancaonin A	<chem>CC(=CCC1=C(C2=C(C=C1O)OC=C(C2=O)C3=CC(=C(C=C3)OC)O)O)C</chem>	red	0.134322854
Gancaonin B	<chem>C/C(=C\CC1=C2C(=C(C=C1O)O)C(=O)C(=CO2)C3=CC=C(C=C3)O)/CO</chem>	red	0.105624485
Gancaonin C	<chem>COC1=CC(=C2C(=C1)OC=C(C2=O)C3=CC=C(C=C3)O)O</chem>	red	0.114507158
Prunetin	<chem>C/C(=C\CC1=C2C(=C(C=C1O)O)C(=O)C(=CO2)C3=CC(=C(C=C3)OC)O)/CO</chem>	red	0.103236562
Gancaonin D			
3-(3,4-dihydroxyphenyl)-5,7-dihydroxy-8-(3-methylbut-2-enyl)chromone	<chem>CC(C)=CCc1c(O)cc(O)c2c(=O)c(-c3ccc(O)c(O)c3)coc12</chem>	red	0.11449599
5,7-dihydroxy-3-(4-methoxyphenyl)-8-(3-methylbut-2-enyl)chromone	<chem>COc1ccc(-c2coc3c(CC=C(C)C)c(O)cc(O)c3c2=O)cc1</chem>	red	0.120476598
5,7-dihydroxy-3-(2-hydroxy-4-methoxyphenyl)-6-(3-methylbut-2-enyl)chromone	<chem>COc1ccc(-c2coc3cc(O)c(CC=C(C)C)c(O)c3c2=O)c(O)c1</chem>	red	0.131132561
2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-6-(3-methylbut-2-enyl)chromone	<chem>CC(C)=CCc1c(O)cc2oc(-c3ccc(O)c(O)c3)cc(=O)c2c1O</chem>	red	0.105866385

Gancaonin P	<chem>CC(=CCC1=C(C2=C(C=C1O)OC(=C(C2=O)O)C3=CC(=C(C=C3)O)O)OC</chem>	red	0.124225303
Gancaonin Q	<chem>CC(=CCC1=C(C=CC(=C1)C2=CC(=O)C3=C(O2)C=C(C(=C3O)CC=C(C(C)C)O)O)C</chem>	red	0.103695699
3-[4,6-dihydroxy-2-methoxy-3-(3-methylbut-2-enyl)phenyl]-7-hydroxy-chromone	<chem>COc1c(CC=C(C)C)c(O)cc(O)c1-c1coc2cc(O)ccc2c1=O</chem>	red	0.136811442
Glycycoumarin	<chem>CC(=CCC1=C(C2=C(C=C1O)OC(=O)C(=C2)C3=C(C=C(C=C3)O)O)OC)C</chem>	red	0.124516309
Glycyrin	<chem>CC(=CCC1=C(C=C2C(=C1OC)C=C(C(C(=O)O2)C3=C(C=C(C=C3)O)O)OC)C</chem>	red	0.123501712
Licocoumarone	<chem>CC(=CCC1=C(C2=C(C=C1O)OC(=C2)C3=C(C=C(C=C3)O)O)OC)C</chem>	red	0.132998553
Licoisoflavone	<chem>CC(=CCC1=C(C=CC(=C1O)OC(=O)C(=C2)C3=C(C=C(C=C3)O)O)OC)C</chem>	red	0.13448577
Licoisoflavone B	<chem>CC1(C=CC2=C(O1)C=CC(=C2O)C3=COC4=CC(=CC(=C4C3=O)O)O)C</chem>	red	0.097201276
licopyranocoumarin	<chem>CC1(CCC2=C(O1)C=C3C(=C2OC)C=C(C(C(=O)O3)C4=C(C=C(C=C4)O)O)CO</chem>	red	0.080516206
Glyzaglabrin	<chem>C1OC2=C(O1)C(=C(C=C2)C3=COC4=C(C3=O)C=CC(=C4)O)O</chem>	red	0.09679194
Glabrene	<chem>CC1(C=CC2=C(C=CC(=C2O1)C3=CC4=C(C=C(C=C4)O)OC3)O)C</chem>	red	0.07349858
Glabrone	<chem>CC1(C=CC2=C(O1)C=CC(=C2O)C3=COC4=C(C3=O)C=CC(=C4)O)C</chem>	red	0.095031063
1,3-dihydroxy-9-methoxy-6-benzofurano[3,2-c]chromenone	<chem>COc1ccc2c(c1)oc1c3c(O)cc(O)cc3oc(=O)c21</chem>	red	0.097635026
1,3-dihydroxy-8,9-dimethoxy-6-benzofurano[3,2-c]chromenone	<chem>COc1cc2oc3c4c(O)cc(O)cc4oc(=O)c3c2cc1OC</chem>	red	0.09431335

Eurycarpin A	<chem>CC(=CCC1=C(C=CC(=C1O)C2=COC3=C(C2=O)C=CC(=C3O)O)C</chem>	red	0.134634289
Uralenol	<chem>CC(=CCC1=C(C(=CC(=C1)C2=C(C(=O)C3=C(C=C(C=C3O2)O)O)O</chem>	red	0.113359375
Uralenol-3-methylether	<chem>)O)O)C</chem> <chem>CC(=CCC1=C(C(=CC(=C1)C2=C(C(=O)C3=C(C=C(C=C3O2)O)O)O</chem>	red	0.118023838
Uralene	<chem>C)O)O)C</chem> <chem>CC(=CCC1=CC(=C(C=C1C2=C(C(=O)C3=C(O2)C=CC(=C3O)O)OC</chem>	red	0.127864085
Isoglycyrol	<chem>)O)O)C</chem> <chem>CC1(CCC2=C(O1)C=C3C(=C2OC</chem>	red	0.083975663
Isolicoflavonol	<chem>)C4=C(C5=C(O4)C=C(C=C5)O)C(=O)O3)C</chem> <chem>CC(=CCC1=C(C=CC(=C1)C2=C(C(=O)C3=C(C=C(C=C3O2)O)O)O</chem>	red	0.111879351
isoglycycoumarin	<chem>)O)C</chem> <chem>CC1(CCC2=C(O1)C=C3C(=C2OC</chem>	red	0.082898814
HMO	<chem>)C=C(C(=O)O3)C4=C(C=C(C=C4)O)O)C</chem> <chem>COc1ccc2c(=O)c(-</chem>	red	0.1043217
Quercetin der.	<chem>c3ccc(O)cc3)coc2c1</chem> <chem>COc1cc(-</chem>	red	0.096192492
Daidzein dimethyl ether	<chem>c2oc3cc(O)cc(O)c3c(=O)c2OC)ccc1O</chem> <chem>COC1=CC=C(C=C1)C2=COC3=C</chem>	red	0.098737435
Inflacoumarin A	<chem>(C2=O)C=CC(=C3)OC</chem> <chem>CC(C)=CCc1cc2c(-</chem>	red	0.08630536
7,2',4'-trihydroxy-5-methoxy-3-aryl coumarin	<chem>c3ccc(O)cc3)cc(=O)oc2cc1O</chem> <chem>COC1=CC(=CC2=C1C=C(C(=O)O2)C3=C(C=C(C=C3)O)O)O</chem>	red	0.103651073
Artonin E	<chem>CC(=CCC1=C(OC2=C(C1=O)C(=CC3=C2C=CC(O3)(C)C)O)C4=CC(=C(C=C4O)O)O)C</chem> <chem>CC(=CCC1=C(C=C2C(=C1O)C(=O)C(=CO2)C3=CC=C(C=C3)O)O</chem>	red	0.092554963
Gancaonin G	<chem>C)C</chem> <chem>CC(=CCC1=C(C2=C(C=C1O)OC=C(C2=O)C3=CC4=C(C(=C3)O)OC</chem>	red	0.138815043
Gancaonin H	<chem>(C=C4)(C)C)O)C</chem> <chem>CC(=CCC1=C(C=C2C(=C1OC)C=C(O2)C3=C(C=C(C=C3)O)O)OC</chem>	red	0.115908683
Gancaonin I	<chem>C</chem>	red	0.13368363

Glyasperin A	<chem>CC(=CCC1=C(C=CC(=C1)C2=C(C(=O)C3=C(O2)C=C(C(=C3O)CC=C(C)C)O)O)O)C</chem>	red	0.11852305
Glycyrrhiza flavonol A	<chem>CC1(C(CC2=C(O1)C=CC(=C2)C3=C(C(=O)C4=C(C=C(C(=C4O3)O)O)O)O)C</chem>	red	0.091812581
Kanzonol E	<chem>CC(=CCC1=CC2=C(C=C1O)OC(=CC2=O)C3=CC4=C(C=C3)OC(C=C4)(C)C)C</chem>	red	0.083846246
Licoagroisoflavone	<chem>CC(=C)[C@H]1CC2=C(O1)C=C3C(=C2O)C(=O)C(=CO3)C4=CC=C(C=C4)O</chem>	red	0.117103422
Odoratin	<chem>COC1=C(C=C(C=C1)C2=COC3=CC(=C(C=C3C2=O)OC)O)O</chem>	red	0.107777418
Phaseol	<chem>CC(=CCC1=C(C=CC2=C1OC(=O)C3=C2OC4=C3C=CC(=C4)O)O)C</chem>	red	0.117760173
dehydroglyasperins C	<chem>CC(C)=CCc1c(O)cc2c(c1O)C=C(c1ccc(O)cc1O)CO2</chem>	red	0.076871073
quercetin	<chem>C1=CC(=C(C=C1C2=C(C(=O)C3=C(C=C(C=C3O2)O)O)O)O)O</chem>	red	0.100361283
isoliquiritigenin	<chem>C1=CC(=CC=C1/C=C/C(=O)C2=C(C=C(C=C2)O)O)O</chem>	blue	0.332180491
(E)-1-(2,4-dihydroxyphenyl)-3-(2,2-dimethylchromen-6-yl)prop-2-en-1-one	<chem>CC1(C=CC2=C(O1)C=CC(=C2)/C=C/C(=O)C3=C(C=C(C(=C3)O)O)C</chem>	blue	0.314256507
(2R)-1-[2,4-dihydroxy-5-(3-methylbut-2-enyl)phenyl]-2-hydroxy-3-[4-hydroxy-3-(3-methylbut-2-enyl)phenyl]propan-1-one	<chem>CC(=CCC1=CC(=C(C=C1O)O)C(=O)[C@@H](CC2=CC(=C(C=C2)O)CC=C(C)C)O)C</chem>	blue	0.21656859
(E)-1-(2,4-dihydroxyphenyl)-3-[4-hydroxy-3-(3-methylbut-2-enyl)phenyl]prop-2-en-1-one	<chem>CC(=CCC1=C(C=CC(=C1)/C=C/C(=O)C2=C(C=C(C(=C2)O)O)O)C</chem>	blue	0.292824335
glyinflanin A	<chem>CC(=CCC1=CC(=C(C=C1O)O)C(=O)CC(=O)C2=CC(=C(C=C2)O)C=C(C)C)C</chem>	blue	0.207539533

(E)-1-[2,4-dihydroxy-3-(3-methylbut-2-enyl)phenyl]-3-[4-hydroxy-3-(3-methylbut-2-enyl)phenyl]prop-2-en-1-one	<chem>CC(=CCC1=C(C=CC(=C1)/C=C/C(=O)C2=C(C(=C(C=C2)O)CC=C(C)C)O)O)C</chem>	blue	0.249408564
(E)-1-[2,4-dihydroxy-3-(3-methylbut-2-enyl)phenyl]-3-(2,4-dihydroxyphenyl)prop-2-en-1-one	<chem>CC(=CCC1=C(C=CC(=C1O)C(=O)/C=C/C2=C(C=C(C=C2)O)O)O)C</chem>	blue	0.227214696
(E)-3-[3,4-dihydroxy-5-(3-methylbut-2-enyl)phenyl]-1-(2,4-dihydroxyphenyl)prop-2-en-1-one	<chem>CC(=CCC1=C(C(=CC(=C1)/C=C/C(=O)C2=C(C=C(C=C2)O)O)O)O)C</chem>	blue	0.31563274
neoisoliquiritin	<chem>C1=CC(=CC=C1/C=C/C(=O)C2=C(C=C(C=C2)O[C@H]3[C@@H]([C@H]([C@@H]([C@H](O3)CO)O)O)O)O</chem>	blue	0.234715232
Isoliquiritin	<chem>C1=CC(=CC=C1/C=C/C(=O)C2=C(C=C(C=C2)O)O)O[C@H]3[C@@H]([C@H]([C@@H]([C@H](O3)CO)O)O)O</chem>	blue	0.240032913
licuraside	<chem>C1[C@@]([C@H]([C@@H](O1)O[C@@H]2[C@H]([C@@H]([C@H](O[C@H]2OC3=CC(=C(C=C3)C(=O)/C=C/C4=CC=C(C=C4)O)O)CO)O)O)(CO)O</chem>	blue	0.194760852
(Z)-1-(2,4-dihydroxyphenyl)-3-phenylprop-2-en-1-one	<chem>C1=CC=C(C=C1)/C=C/C(=O)C2=C(C=C(C=C2)O)O</chem>	blue	0.322643265
4,2',4',alpha-Tetrahydroxydihydrochalcone	<chem>C1=CC(=CC=C1C[C@H](C(=O)C2=C(C=C(C=C2)O)O)O)O</chem>	blue	0.250530047
1-(5-hydroxy-2,2-dimethylchromen-6-yl)-3-(4-hydroxyphenyl)prop-2-en-1-one	<chem>CC1(C)C=Cc2c(ccc(C(=O)C=Cc3ccc(O)cc3)c2O)O1</chem>	blue	0.290028962
Corylifolinin	<chem>CC(=CCC1=C(C=CC(=C1O)C(=O)/C=C/C2=CC=C(C=C2)O)O)C</chem>	blue	0.254116705

Licorice glycoside A	<chem>COC1=C(C=CC(=C1)/C=C/C(=O)OC[C@]2(CO[C@H]([C@@H]2O)O[C@@H]3[C@H]([C@@H]([C@H](O[C@H]3OC4=CC=C(C=C4)/C=C/C(=O)C5=C(C=C(C=C5)O)O)CO)O)O)O</chem>	blue	0.171838552
Mairin	<chem>CC(=C)[C@@H]1CC[C@]2([C@H]1[C@H]3CC[C@@H]4[C@]5(CC[C@@H](C([C@@H]5CC[C@]4([C@@]3(CC2)C)C)(C)C)O)C(=O)O</chem>	gold	0.134782088
oleanolic acid	<chem>C[C@]12CC[C@@H](C([C@@H]1CC[C@@]3([C@@H]2CC=C4[C@]3(CC[C@@]5([C@H]4CC(CC5)(C)C)C(=O)O)C)(C)C)O</chem>	gold	0.171398718
18beta-glycyrrhetic acid	<chem>C[C@]12CC[C@](C([C@H]1C3=C(C(=O)[C@@H]4[C@]5(CC[C@@H](C([C@@H]5CC[C@]4([C@@]3(CC2)C)C)(C)C)O)C)(C)C(=O)O</chem>	gold	0.243574653
apioglycyrrhizin	<chem>CC1(C2CCC3(C(C2(CCC1OC4C(C(C(C(O4)C(=O)O)O)O)OC5C(C(CO5)(CO)O)O)C(=O)C=C6C3(CCC7(C6CC(CC7)(C)C(=O)O)C)C)C)C</chem>	gold	0.157594014
apioglycyrrhizin_qt	<chem>CC1(C)[C@@H](O)CC[C@]2(C)[C@@H]3C(=O)C=C4[C@@H]5C[C@@](C)(C(=O)O)CC[C@@]5(C)CC[C@]4(C)[C@@]3(C)CC[C@@H]12</chem>	gold	0.243574653
liquoric acid	<chem>C[C@]12CC[C@@H](C(C1CC[C@@]3(C2C(=O)C=C4[C@]3(C[C@@H]5[C@@]6([C@H]4C[C@@]([C@@H](C6)O5)(C)C(=O)O)C)C)C)O</chem>	gold	0.194487639
Glycyram	<chem>C[C@]12CC[C@](C([C@H]1C3=C(C(=O)[C@@H]4[C@]5(CC[C@@H](C([C@@H]5CC[C@]4([C@@]3(CC2)C)C)(C)C)O[C@@H]6[C@H]([C@H]([C@@H]([C@H](O6)C(=O)O)O)O[C@H]7[C@@H]([C@H]([C@@H]([C@H](O7)C(=O)O)O)O)C)(C)C(=O)O.N</chem>	gold	0.185603356
licorice-saponin C2	<chem>C[C@]12CC[C@](CC1=C3C=C[C@@H]4[C@]5(CC[C@@H](C([C</chem>	gold	0.154852039

	<chem>@@H]5CC[C@]4([C@@]3(CC2)C)C)(C)C)O[C@H]6[C@@H]([C@H]([C@@H]([C@H](O6)C(=O)O)O)O)[C@H]7[C@@H]([C@H]([C@@H]([C@H](O7)C(=O)O)O)O)C)(C)C(=O)O</chem>		
licorice-saponin C2_qt	<chem>CC1(C)[C@@H](O)CC[C@@]2(C)[C@H]1CC[C@]1(C)[C@@H]2C=CC2=C3C[C@@](C)(C(=O)O)CC[C@]3(C)CC[C@]21C</chem>	gold	0.145429788
licorice-saponin F3	<chem>CC1(C)[C@H](O[C@H]2O[C@H](C(=O)O)[C@@H](O)[C@@H](O)[C@H]2O[C@@H]2O[C@H](C(=O)O)[C@@H](O)[C@@H](O)[C@H]2O[C@@H]2O[C@H](C(=O)O)[C@@H](O)[C@@H](O)[C@H]2O)CC[C@@]2(C)[C@H]1CC[C@]1(C)[C@@H]2CC=C2[C@H]3C[C@@]4(C)C[C@@H](OC4=O)[C@]3(C)CC[C@@]21C</chem>	gold	0.209285563
licorice-saponin F3_qt	<chem>CC1(C)[C@@H](O)CC[C@]2(C)[C@@H]3CC=C4[C@@H]5C[C@@]6(C)C[C@H](OC6=O)[C@@]5(C)CC[C@@]4(C)[C@@]3(C)CC[C@@H]12</chem>	gold	0.202011971
licorice-saponin G2	<chem>C[C@]12CC[C@](C[C@H]1C3=C(C(=O)[C@@H]4[C@]5(CC[C@@H]([C@]([C@@H]5CC[C@]4([C@@]3(CC2)C)C)(C)CO)O[C@H]6[C@@H]([C@H]([C@@H]([C@H](O6)C(=O)O)O)O)[C@H]7[C@@H]([C@H]([C@@H]([C@H](O7)C(=O)O)O)O)C)(C)C(=O)O</chem>	gold	0.168328881
licorice-saponin G2_qt	<chem>C[C@@]12CC[C@]3(C)C(=CC(=O)[C@H]4[C@@]5(C)CC[C@H](O)[C@@](C)(CO)[C@@H]5CC[C@@]43C)[C@@H]1C[C@](C)(C(=O)O)CC2</chem>	gold	0.217532304
licorice-saponin H2	<chem>C[C@]12CC[C@@](C[C@H]1C3=CC(=O)[C@@H]4[C@]5(CC[C@@H](C[C@@H]5CC[C@]4([C@@]3(CC2)C)C)(C)C)O[C@H]6[C@@H]([C@H]([C@@H]([C@H](O6)C(=O)O)O)O)[C@H]7[C@</chem>	gold	0.206498532

	<chem> @H]([C@H]([C@@H]([C@H](O7)C(=O)O)O)O)C)(C)C(=O)OCC1(C)[C@@H](O)CC[C@]2(C)[C@@H]3C(=O)C=C4[C@@H]5C[C@@](C)(C(=O)O)CC[C@@]5(C)CC[C@@]4(C)[C@@]3(C)CC[C@@H]12 </chem>	gold	0.243574653
licorice-saponin H2_qt	<chem> C[C@]12CC[C@](C[C@H]1C3=C[C@@H]4[C@]5(CC[C@@H]([C@]([C@@H]5CC[C@]4([C@@]3(CC2)C)C)(C)CO)O[C@H]6[C@@H]([C@H]([C@@H]([C@H](O6)C(=O)O)O)O[C@H]7[C@@H]([C@H]([C@@H]([C@H](O7)C(=O)O)O)O)C)(C)C(=O)O </chem>	gold	0.171943902
licorice-saponin J2	<chem> C[C@]1(C(=O)O)CC[C@@]2(C)C[C@]3(C)C(=CC[C@@H]4[C@]3(C)CC[C@H]3[C@](C)(CO)[C@@H](O)CC[C@]43C)[C@@H]2C </chem>	gold	0.175620544
licorice-saponin J2_qt	<chem> C[C@]12CC[C@](C[C@H]1C3=C[C@@H]4[C@]5(CC[C@@H](C[C@@H]5CC[C@]4([C@@]3(C2)C)C)(C)C)O[C@H]6[C@@H]([C@H]([C@@H]([C@H](O6)C(=O)O)O)O[C@H]7[C@@H]([C@H]([C@@H]([C@H](O7)C(=O)O)O)O)C)(C)C(=O)O </chem>	gold	0.197065812
licorice-saponin B2	<chem> C[C@]12CC[C@](CC1=C3C=C[C@@H]4[C@]5(CC[C@@H]([C@]([C@@H]5CC[C@]4([C@@]3(C2)C)C)(C)CO)O[C@H]6[C@@H]([C@H]([C@@H]([C@H](O6)C(=O)O)O)O)O[C@H]7[C@@H]([C@H]([C@@H]([C@H](O7)C(=O)O)O)O)C)(C)C(=O)O </chem>	gold	0.144442166
licorice-saponin K2	<chem> C[C@@]12CC[C@]3(C)C(=C1C[C@](C)(C(=O)O)CC2)C=C[C@H]1[C@@]2(C)CC[C@H](O)[C@@](C)(CO)[C@@H]2CC[C@@]13C </chem>	gold	0.14031408
licorice-saponin K2_qt	<chem> C[C@]12CC[C@](C[C@H]1C3=C[C(=O)[C@@H]4[C@]5(CC[C@@H]H)(C[C@@H]5CC[C@]4([C@@]3(CC2)C)C)(C)C)O)C)(C)CO </chem>	gold	0.196465332
glycyrrhetol			

3,22-Dihydroxy-11-oxo-delta(12)-oleanene-27-alpha-methoxycarbonyl-29-oic acid	<chem>COC(=O)[C@@]12CC[C@]3(C)[C@@H](C[C@]4(C)C[C@H]3OC4=O)C1=CC(=O)[C@@H]1[C@@]3(C)CC[C@H](O)C(C)(C)[C@@H]3CC[C@]12C</chem>	gold	0.198244355
glabrolide	<chem>C[C@]12CC[C@@H](C([C@@H]1CC[C@@]3([C@@H]2C(=O)C=C4[C@]3(CC[C@@]5([C@H]4C[C@@]6(C[C@H]5OC6=O)C)C)C)C)(C)C)O</chem>	gold	0.224036519
glycyrrhizin	<chem>C[C@]12CC[C@](C[C@H]1C3=C(C(=O)[C@@H]4[C@]5(CC[C@@H](C([C@@H]5CC[C@]4([C@@]3(CC2)C)C)(C)C)O[C@@H]6[C@@H]([C@H]([C@@H]([C@H](O6)C(=O)O)O)O[C@H]7[C@@H]([C@H]([C@@H]([C@H](O7)C(=O)O)O)O)C)(C)C(=O)O</chem>	gold	0.206498532
uralsaponin B	<chem>CC1(C2CCC3(C(C2(CCC1OC4C(C(C(C(O4)C(=O)O)O)OC5C(C(C(C(O5)C(=O)O)O)O)O)C)C(=O)C=C6C3(CCC7(C6CC(CC7)(C)C(=O)O)C)C)C)C</chem>	gold	0.215668626
isoglabrolide	<chem>CC1(C2CCC3(C(C2(CCC1O)C)C(=O)C=C4C3(CCC5(C46CC(CC5)(C(=O)O6)C)C)C)C</chem>	gold	0.151339956
22β-acetylglabric acid	<chem>CC(=O)O[C@@H]1C[C@](C)(C(=O)O)C[C@@H]2C3=CC(=O)[C@@H]4[C@]5(C)CC[C@@H](O)C(C)(C)[C@H]5CC[C@@]4(C)[C@]3(C)CC[C@@]12C</chem>	gold	0.254544815
24-Hydroxy-11-deoxyglycyrrhetic acid	<chem>C[C@]1(C(=O)O)CC[C@]2(C)CC[C@]3(C)C(=CC[C@@H]4[C@@]5(C)CC[C@H](O)[C@](C)(O)[C@@H]5CC[C@]43C)[C@@H]2C1</chem>	gold	0.198451915
24-Hydroxyglycyrrhetic acid	<chem>CC12CCC(CC1C3=CC(=O)C4C5(CCC(C(C5CCC4(C3(CC2)C)C)(C)CO)O)C)(C)C(=O)O</chem>	gold	0.217532304
3β-formylglabrolide	<chem>CC1(C)[C@H]2CC[C@]3(C)[C@H](C(=O)C=C4[C@H]5C[C@@]6(C)C[C@H](OC6=O)[C@]5(C)CC[C@]43C)[C@]2(C)CC[C@H]1O</chem>	gold	0.225335402

11-deoxyglycyrrhetic acid	<chem>CC1(C)[C@@H](O)CC[C@@]2(C)[C@H]1CC[C@]1(C)[C@@H]2C=C2[C@@H]3C[C@@](C)(C(=O)O)CC[C@]3(C)CC[C@]21C</chem>	gold	0.198722445
Araboglycyrrhizin	<chem>CC1(C2CCC3(C(C2(CCC1OC4C(C(C(C(O4)C(=O)O)O)O)OC5C(C(C(CO5)O)O)O)C(=O)C=C6C3(CCC7(C6CC(CC7)(C)C(=O)O)C)C)C</chem>	gold	0.182825578
Araboglycyrrhizin_qt	<chem>CC1(C)[C@@H](O)CC[C@@]2(C)[C@@H]1CC[C@@]1(C)[C@H]2C(=O)C=C2[C@@H]3C[C@@](C)(C(=O)O)CC[C@]3(C)CC[C@]21C</chem>	gold	0.243574653
beta-Glycyrrhetic acid	<chem>C[C@]12CC[C@](C[C@@H]1C3=CC(=O)[C@@H]4[C@]5(CC[C@@H](C([C@@H]5CC[C@]4([C@@]3(CC2)C)C)(C)C)O)C)(C)C(=O)O</chem>	gold	0.243574653
18α-hydroxyglycyrrhetic acid	<chem>CC1(C)[C@@H](O)CC[C@]2(C)[C@@H]3C(=O)C=C4[C@@](C)(CC[C@@]5(C)CC[C@](C)(C(=O)O)C[C@]45O)[C@]3(C)CC[C@@H]12</chem>	gold	0.171751894
ursolic acid	<chem>C[C@@H]1CC[C@@]2(CC[C@@]3(C(=CC[C@H]4[C@]3(CC[C@@H]5[C@@]4(CC[C@@H](C5(C)C)O)C)C)[C@@H]2[C@H]1C)C)C(=O)O</chem>	gold	0.155761004
nicotiflorin	<chem>C[C@H]1[C@@H]([C@H]([C@H]([C@@H](O1)OC[C@@H]2[C@H]([C@@H]([C@H]([C@@H](O2)OC3=C(OC4=CC(=CC(=C4C3=O)O)O)C5=CC=C(C=C5)O)O)O)O)O)O</chem>	gray	0.952909692
Narcissoside	<chem>C[C@H]1[C@@H]([C@H]([C@H]([C@@H](O1)OC[C@@H]2[C@H]([C@@H]([C@H]([C@@H](O2)OC3=C(OC4=CC(=CC(=C4C3=O)O)O)C5=CC(=C(C=C5)O)OC)O)O)O)O)O</chem>	gray	0.756328448
rutin	<chem>C[C@H]1[C@@H]([C@H]([C@H]([C@@H](O1)OC[C@@H]2[C@H]([C@@H]([C@H]([C@@H](O2</chem>	gray	1.025207199

	<chem>)OC3=C(OC4=CC(=CC(=C4C3=O)O)O)C5=CC(=C(C=C5)O)O)O)O)O)O</chem>		
Hirsutrin	<chem>C1=CC(=C(C=C1C2=C(C(=O)C3=C(C=C(C=C3O2)O)O)O[C@H]4[C@@H]([C@H]([C@@H]([C@H](O4)CO)O)O)O)O)O</chem>	gray	0.823572944
Astragalin	<chem>C1=CC(=CC=C1C2=C(C(=O)C3=C(C=C(C=C3O2)O)O)O[C@H]4[C@@H]([C@H]([C@@H]([C@H](O4)CO)O)O)O)O</chem>	gray	0.784666746
Pinocembrin	<chem>C1[C@H](OC2=CC(=CC(=C2C1=O)O)O)C3=CC=CC=C3</chem>	cyan	0.18960015
naringenin	<chem>C1[C@H](OC2=CC(=CC(=C2C1=O)O)O)C3=CC=C(C=C3)O</chem>	cyan	0.19072412
3-Hydroxyglabrol (2S)-2-[4-hydroxy-3-(3-methylbut-2-enyl)phenyl]-8,8-dimethyl-2,3-dihydropyrano[2,3-f]chromen-4-one	<chem>CC(=CCC1=C(C=CC(=C1)[C@@H]2CC(=O)C3=C(O2)C4=C(C=C3)OC(C=C4)(C)C)O)C</chem>	cyan	0.191109655
euchrenone	<chem>CC(=CCC1=C(C=CC2=C1O[C@@H](CC2=O)C3=C(C=C(C=C3)O)O)O)C</chem>	cyan	0.191348891
naringin	<chem>C[C@H]1[C@@H]([C@H]([C@H]([C@@H](O1)O[C@@H]2[C@H]([C@@H]([C@H](O[C@H]2OC3=CC(=C4C(=O)C[C@H](OC4=C3)C5=CC=C(C=C5)O)O)CO)O)O)O)O</chem>	cyan	0.143830606
Glepidotin B	<chem>CC(=CCC1=C2C(=C(C=C1O)O)C(=O)[C@@H]([C@H](O2)C3=CC=CC=C3)O)C</chem>	cyan	0.129322805
glabrol	<chem>CC(=CCC1=C(C=CC(=C1)[C@@H]2CC(=O)C3=C(O2)C(=C(C=C3)O)CC=C(C)C)O)C</chem>	cyan	0.207324963
licorice glycoside E	<chem>C1[C@H](OC2=C(C1=O)C=CC(=C2)O)C3=CC=C(C=C3)O[C@H]4C([C@H]([C@@H](C(O4)CO)O)O)O[C@H]5[C@H](C(CO5)(COC(=O)C6=CNC7=CC=CC=C76)O)O</chem>	cyan	0.109147886

(2R)-2-[3,4-dihydroxy-5-(3-methylbut-2-enyl)phenyl]-5,7-dihydroxy-8-(3-methylbut-2-enyl)chroman-4-one	<chem>CC(C)=CCc1cc([C@H]2CC(=O)c3c(O)cc(O)c(CC=C(C)C)c3O2)cc(O)c1O</chem>	cyan	0.164002995
liquiritin	<chem>C1[C@H](OC2=C(C1=O)C=CC(=C2)O)C3=CC=C(C=C3)O[C@H]4[C@@H]([C@H]([C@@H]([C@H](O4)CO)O)O)O</chem>	cyan	0.138589905
Glabranin	<chem>CC(=CCC1=C2C(=C(C=C1O)O)C(=O)C[C@H](O2)C3=CC=CC=C3)C</chem>	cyan	0.144477907
4H-1-Benzopyran-4-one, 2-(4-(beta-D-glucopyranosyloxy)phenyl)-2,3-dihydro-5,7-dihydroxy-, (2S)-	<chem>O=C1C[C@@H](c2ccc(O[C@@H]3O[C@H](CO)[C@@H](O)[C@H](O)[C@H]3O)cc2)Oc2cc(O)cc(O)c21</chem>	cyan	0.153650456
Sigmoidin-B	<chem>CC(=CCC1=C(C(=CC(=C1)[C@@H]2CC(=O)C3=C(C=C(C=C3O2)O)O)O)O)C</chem>	cyan	0.170669959
neoliquiritin	<chem>C1[C@H](OC2=C(C1=O)C=CC(=C2)O[C@H]3[C@@H]([C@H]([C@@H]([C@H](O3)CO)O)O)O)C4=CC=C(C=C4)O</chem>	cyan	0.135597264
(2R)-7-hydroxy-2-(4-hydroxyphenyl)chroman-4-one	<chem>O=C1C[C@H](c2ccc(O)cc2)Oc2cc(O)ccc21</chem>	cyan	0.196391585
(2S)-7-hydroxy-2-(4-hydroxyphenyl)-8-(3-methylbut-2-enyl)chroman-4-one	<chem>CC(C)=CCc1c(O)ccc2c1O[C@H](c1ccc(O)cc1)CC2=O</chem>	cyan	0.198522861
Liquiritin apioside	<chem>C1[C@H](OC2=C(C1=O)C=CC(=C2)O)C3=CC=C(C=C3)O[C@H]4[C@@H]([C@H]([C@@H]([C@H](O4)CO)O)O)[C@H]5[C@@H]([C@@H](CO5)(CO)O)O</chem>	cyan	0.11773387
isograbrol	<chem>CC(C)=CCc1cc2c(c(CC=C(C)C)c1O)O[C@@H](c1ccc(O)cc1)CC2=O</chem>	cyan	0.186553935
6''-O-acetylliquiritin	<chem>CC(=O)OC[C@@H]1[C@H]([C@H]([C@H]([C@H]([C@H](O1)OC2=</chem>	cyan	0.141590646

	<chem>CC=C(C=C2)[C@@H]3CC(=O)C4=C(O3)C=C(C=C4)O)O)O</chem>		
6-prenylated eriodictyol	<chem>CC(C)=CCc1c(O)cc2c(c1O)C(=O)C[C@H](c1ccc(O)c(O)c1)O2</chem>	cyan	0.146998208
8-prenylated eriodictyol	<chem>CC(C)=CCc1c(O)cc(O)c2c1O[C@@H](c1ccc(O)c(O)c1)CC2=O</chem>	cyan	0.153226111
Kanzonol Z	<chem>CC(=CCC1=C(C=CC(=C1)[C@@H]2[C@H](C(=O)C3=C(O2)C4=C(C=C3)OC(C=C4)(C)C)O)O)C</chem>	cyan	0.188853933
Xambioona	<chem>CC1(C=CC2=C(O1)C=CC(=C2)C3CC(=O)C4=C(O3)C5=C(C=C4)OC(C=C5)(C)C)C</chem>	cyan	0.191474608
(2R)-7-hydroxy-2-[4-hydroxy-3-(3-methylbut-2-enyl)phenyl]chroman-4-one	<chem>CC(C)=CCc1cc([C@H]2CC(=O)c3ccc(O)cc3O2)ccc1O</chem>	cyan	0.213839539
7,4'-Dihydroxyflavone	<chem>C1=CC(=CC=C1C2=CC(=O)C3=C(O2)C=C(C=C3)O)O</chem>	gray	0.472040636
7-Methoxy-2-methylisoflavone	<chem>CC1=C(C(=O)C2=C(O1)C=C(C=C2)OC)C3=CC=C(C=C3)[N+](=O)[O-]</chem>	gray	0.48557006
Nortangeretin	<chem>C1=CC(=CC=C1C2=CC(=O)C3=C(C=C(C(=C3O2)O)O)O)O)O</chem>	gray	0.415178823
7-Acetoxy-2-methylisoflavone	<chem>CC1=C(C(=O)C2=C(O1)C=C(C=C2)OC(=O)C)C3=CC=CC=C3</chem>	gray	0.557448741
7-hydroxy-2-methyl-3-phenyl-chromone	<chem>Cc1oc2cc(O)ccc2c(=O)c1-c1ccccc1</chem>	gray	0.606643885
Glypallichalcone	<chem>COC1=CC=C(C=C1)C(=O)/C=C/C2=C(C=C(C=C2)O)OC</chem>	purple	0.47327868
echinatin	<chem>COC1=C(C=CC(=C1)O)/C=C/C(=O)C2=CC=C(C=C2)O</chem>	purple	0.512427893
Licochalcone B	<chem>COC1=C(C=CC(=C1O)O)/C=C/C(=O)C2=CC=C(C=C2)O</chem>	purple	0.500556506
licochalcone C	<chem>CC(=CCC1=C(C=CC(=C1OC)/C=C/C(=O)C2=CC=C(C=C2)O)O)C</chem>	purple	0.378198121
licochalconeD	<chem>CC(=CCC1=C(C=CC(=C1)C(=O)/C=C/C2=C(C(=C(C=C2)O)O)OC)O)C</chem>	purple	0.343296442
licochalcone E	<chem>C[C@H](C1=C(C=C(C(=C1)/C=C/C(=O)C2=CC=C(C=C2)O)OC)O)C(=C)C</chem>	purple	0.44542956
licochalcone F	<chem>CC(C1=C(C=CC(=C1OC)/C=C/C(=O)C2=CC=C(C=C2)O)O)C(=C)C</chem>	purple	0.464481486

	<chem>CC(C)(C=C)C1=C(C=C(C(=C1)/C=C/C(=O)C2=C(C=C(C(=C2)O)O)OC)O</chem>	purple	0.308023033
licochalcone G			
3,4,3',4'-Tetrahydroxy-2-methoxychalcone	<chem>COC1=C(C=CC(=C1O)O)/C=C/C(=O)C2=CC(=C(C=C2)O)O</chem>	purple	0.437513047
	<chem>CC(C)(C=C)C1=C(C=C(C(=C1)/C=C/C(=O)C2=CC=C(C(=C2)O)OC)O</chem>		
licochalcone a		purple	0.356815191
	<chem>CC(=CCC1=C(C(=C(C=C1O)O)C=C(C(C)C)CCC2=CC(=C(C=C2)O)O)C</chem>		
Gancaonin R		gray	2.080609802
	<chem>CC(=CCC1=C(C(=C(C=C1CCC2=CC(=C(C=C2)O)O)O)CC=C(C(C)C)O)C</chem>		
Gancaonin S		gray	1.631970291
	<chem>CC(=CCC1=C(C2=C(C=C1O)OC(C(C2O)(C)C)CCC3=CC(=C(C=C3)O)O)C</chem>		
gancaonin T		gray	1.206616337
	<chem>CC(=CCC1=C2CCC3=CC(=C(C=C3C2=C(C(=C1O)CC=C(C(C)C)O)O)O)C</chem>		
Gancaonin U		gray	21.90654217
	<chem>CC(=CCC1=C2CCC3=CC(=C(C=C3C2=C(C(=C1O)O)O)O)O)C</chem>		
Gancaonin V		gray	21.90654217
	<chem>COC1=CC=C(C=C1)C2=COC3=C(C2=O)C=CC(=C3)O[C@H]4[C@@H]([C@H]([C@@H]([C@H](O4)CO)O)O)[C@H]5[C@@H]([C@@H]([C@H]([C@@H]([C@H](O5)CO)O)O)O</chem>	gray	0.974067113
2-methyl-5-propyl - nonane			
	<chem>COC1=CC=C(C=C1)C2=COC3=C(C2=O)C=CC(=C3)O[C@H]4[C@@H]([C@H]([C@@H]([C@H](O4)CO)O)O)[C@H]5[C@@H]([C@@H]([C@H]([C@@H]([C@H](O5)CO)O)O)O</chem>	gray	0.974067113
glycyroside		gray	0.974067113
	<chem>COC1=CC=C(C=C1)C2=COC3=C(C2=O)C=CC(=C3)O[C@H]4[C@@H]([C@H]([C@@H]([C@H](O4)CO)O)O)O</chem>		
Ononin		gray	0.945931374
	<chem>COC1=CC2=C(C=C1)C(=O)C(=CO2)C3=CC=C(C=C3)O[C@H]4[C@@H]([C@H]([C@@H]([C@H](O4)CO)O)O)O</chem>		
Isoononin		gray	0.817136492

Table S2. Related genes analysis of NOS2(pearson correlation coefficient greater than 0.3).

Query	Statistic	P-value	FDR (BH)
NOS2	1	1.00×10^{-20}	1.00×10^{-16}
TIE1	0.45119314	5.25×10^{-20}	5.23×10^{-16}
CDH5	0.441363928	4.05×10^{-19}	2.69×10^{-15}
FLT4	0.431121024	3.18×10^{-18}	1.58×10^{-14}
PLEKHG1	0.429387277	4.47×10^{-18}	1.78×10^{-14}
ERG	0.415765931	6.12×10^{-17}	2.03×10^{-13}
ESAM	0.411947709	1.25×10^{-16}	3.55×10^{-13}
TSPAN18	0.407588082	2.79×10^{-16}	6.94×10^{-13}
NOTCH4	0.406260864	3.55×10^{-16}	7.28×10^{-13}
AOC3	0.405821177	3.84×10^{-16}	7.28×10^{-13}
TMEM204	0.405577683	4.02×10^{-16}	7.28×10^{-13}
RHOJ	0.40430597	5.06×10^{-16}	8.40×10^{-13}
BCL6B	0.403654649	5.69×10^{-16}	8.42×10^{-13}
MMRN2	0.403438591	5.92×10^{-16}	8.42×10^{-13}
CLEC14A	0.403043317	6.35×10^{-16}	8.44×10^{-13}
SOX7	0.399330164	1.23×10^{-15}	1.54×10^{-12}
ZNF521	0.398982097	1.31×10^{-15}	1.54×10^{-12}
EFNB2	0.396880033	1.90×10^{-15}	2.11×10^{-12}
TEK	0.394520963	2.88×10^{-15}	2.96×10^{-12}
PCDH12	0.394351372	2.97×10^{-15}	2.96×10^{-12}
CDH13	0.392546153	4.07×10^{-15}	3.86×10^{-12}
GPR116	0.39205194	4.43×10^{-15}	4.01×10^{-12}
COL15A1	0.388719289	7.87×10^{-15}	6.82×10^{-12}
EMP1	0.388182225	8.63×10^{-15}	7.16×10^{-12}
HECW2	0.386232676	1.20×10^{-14}	9.59×10^{-12}
CALCRL	0.385609345	1.34×10^{-14}	1.02×10^{-11}
SHROOM4	0.382934139	2.10×10^{-14}	1.55×10^{-11}
S1PR1	0.382636995	2.21×10^{-14}	1.57×10^{-11}
LDB2	0.382039909	2.44×10^{-14}	1.68×10^{-11}
CD34	0.381322368	2.75×10^{-14}	1.83×10^{-11}
APOLD1	0.379908584	3.49×10^{-14}	2.24×10^{-11}
ARHGEF15	0.378895908	4.12×10^{-14}	2.57×10^{-11}
MYCT1	0.378591402	4.34×10^{-14}	2.62×10^{-11}
ADAMTSL1	0.374836953	8.04×10^{-14}	4.71×10^{-11}
CYYR1	0.37268289	1.14×10^{-13}	6.50×10^{-11}
PDE2A	0.370286664	1.68×10^{-13}	9.31×10^{-11}
CXorf36	0.367723903	2.54×10^{-13}	1.37×10^{-10}
ROBO4	0.367541952	2.61×10^{-13}	1.37×10^{-10}
NAV1	0.364895773	3.98×10^{-13}	2.03×10^{-10}
DOCK9	0.364613346	4.16×10^{-13}	2.07×10^{-10}
HSPA12B	0.364319746	4.35×10^{-13}	2.12×10^{-10}

SHE	0.36223878	6.04×10^{-13}	2.86×10^{-10}
PLVAP	0.360590155	7.81×10^{-13}	3.62×10^{-10}
ADAMTS7	0.359791115	8.84×10^{-13}	4.00×10^{-10}
ALDH1A3	0.358039853	1.16×10^{-12}	5.13×10^{-10}
COL12A1	0.356295672	1.52×10^{-12}	6.56×10^{-10}
PXDN	0.354817905	1.90×10^{-12}	8.05×10^{-10}
CD93	0.353959971	2.17×10^{-12}	8.84×10^{-10}
USHBP1	0.353935405	2.17×10^{-12}	8.84×10^{-10}
HSPG2	0.352546983	2.68×10^{-12}	1.07×10^{-9}
GAS6	0.352257516	2.80×10^{-12}	1.09×10^{-9}
NOVA2	0.351585277	3.10×10^{-12}	1.19×10^{-9}
KDR	0.351140982	3.32×10^{-12}	1.25×10^{-9}
EDNRB	0.350914387	3.43×10^{-12}	1.25×10^{-9}
ITGB3	0.350855223	3.46×10^{-12}	1.25×10^{-9}
FZD4	0.34978168	4.07×10^{-12}	1.45×10^{-9}
CLEC1A	0.348365841	5.03×10^{-12}	1.73×10^{-9}
FAM70B	0.348343598	5.04×10^{-12}	1.73×10^{-9}
PTPRB	0.347179441	6.00×10^{-12}	1.99×10^{-9}
EXOC3L2	0.346724081	6.42×10^{-12}	2.10×10^{-9}
ANO1	0.34631282	6.82×10^{-12}	2.19×10^{-9}
KIF26A	0.346154652	6.98×10^{-12}	2.20×10^{-9}
REPS2	0.346069953	7.07×10^{-12}	2.20×10^{-9}
EML1	0.345296484	7.92×10^{-12}	2.43×10^{-9}
TMEM233	0.344611442	8.76×10^{-12}	2.65×10^{-9}
GLT8D2	0.344390845	9.05×10^{-12}	2.66×10^{-9}
TAL1	0.344324932	9.14×10^{-12}	2.66×10^{-9}
GJD3	0.344263554	9.22×10^{-12}	2.66×10^{-9}
IGFBP5	0.343873278	9.77×10^{-12}	2.74×10^{-9}
FBN1	0.343871772	9.77×10^{-12}	2.74×10^{-9}
CDC42EP3	0.34335468	1.05×10^{-11}	2.92×10^{-9}
PCDH17	0.343115767	1.09×10^{-11}	2.98×10^{-9}
SLCO2A1	0.342803276	1.14×10^{-11}	3.05×10^{-9}
JAM2	0.342772875	1.15×10^{-11}	3.05×10^{-9}
APLNR	0.342509354	1.19×10^{-11}	3.13×10^{-9}
ARHGAP6	0.341991391	1.29×10^{-11}	3.33×10^{-9}
GNA14	0.341695438	1.34×10^{-11}	3.43×10^{-9}
LRRC70	0.341452975	1.39×10^{-11}	3.51×10^{-9}
C3orf70	0.340718519	1.55×10^{-11}	3.85×10^{-9}
SH2D3C	0.340289067	1.65×10^{-11}	4.05×10^{-9}
SPARC	0.339976924	1.72×10^{-11}	4.19×10^{-9}
C20orf160	0.338586988	2.11×10^{-11}	4.99×10^{-9}
PEAR1	0.338110144	2.26×10^{-11}	5.29×10^{-9}
SLIT3	0.337378563	2.50×10^{-11}	5.80×10^{-9}
ZNF25	0.337233208	2.56×10^{-11}	5.86×10^{-9}

EPHA4	0.337084702	2.61×10^{-11}	5.91×10^{-9}
ARAP3	0.336886835	2.69×10^{-11}	6.02×10^{-9}
FAM124B	0.335659374	3.20×10^{-11}	7.09×10^{-9}
GPR4	0.335567203	3.24×10^{-11}	7.10×10^{-9}
PTPRM	0.335477706	3.29×10^{-11}	7.12×10^{-9}
OLFML2A	0.334667422	3.69×10^{-11}	7.90×10^{-9}
ETS1	0.334533253	3.76×10^{-11}	7.96×10^{-9}
NID2	0.334175533	3.95×10^{-11}	8.29×10^{-9}
SCARF1	0.333960035	4.08×10^{-11}	8.46×10^{-9}
PODXL	0.333471458	4.37×10^{-11}	8.97×10^{-9}
EMCN	0.333341381	4.45×10^{-11}	9.04×10^{-9}
LRRC32	0.332957905	4.70×10^{-11}	9.45×10^{-9}
ELTD1	0.332778773	4.82×10^{-11}	9.59×10^{-9}
ARL15	0.332512847	5.00×10^{-11}	9.86×10^{-9}
ADCY4	0.331865487	5.48×10^{-11}	1.07×10^{-8}
SNRK	0.331344725	5.89×10^{-11}	1.14×10^{-8}
EXOC3L	0.331075082	6.12×10^{-11}	1.17×10^{-8}
SRL	0.329900038	7.21×10^{-11}	1.37×10^{-8}
FHL2	0.32933569	7.80×10^{-11}	1.47×10^{-8}
NOS3	0.328950283	8.23×10^{-11}	1.53×10^{-8}
FAM198B	0.328225699	9.10×10^{-11}	1.68×10^{-8}
SOX17	0.326832224	1.10×10^{-10}	2.02×10^{-8}
ENG	0.325460056	1.33×10^{-10}	2.41×10^{-8}
ZNF423	0.325183838	1.38×10^{-10}	2.48×10^{-8}
FBLN2	0.324888308	1.44×10^{-10}	2.56×10^{-8}
MAP1B	0.324679115	1.48×10^{-10}	2.62×10^{-8}
ZFPM2	0.324533701	1.51×10^{-10}	2.64×10^{-8}
PLAT	0.324330035	1.56×10^{-10}	2.70×10^{-8}
ITGA10	0.324071027	1.61×10^{-10}	2.75×10^{-8}
COL4A1	0.324058541	1.61×10^{-10}	2.75×10^{-8}
UACA	0.323856426	1.66×10^{-10}	2.80×10^{-8}
ARHGEF10	0.323662694	1.70×10^{-10}	2.84×10^{-8}
LOC100126784	0.32359566	1.72×10^{-10}	2.84×10^{-8}
GJA4	0.323583353	1.72×10^{-10}	2.84×10^{-8}
PRR16	0.322382642	2.03×10^{-10}	3.30×10^{-8}
F2R	0.322279872	2.06×10^{-10}	3.30×10^{-8}
SPRY1	0.322257741	2.06×10^{-10}	3.30×10^{-8}
MID2	0.32223224	2.07×10^{-10}	3.30×10^{-8}
THBD	0.321946457	2.15×10^{-10}	3.40×10^{-8}
NOTCH3	0.321619225	2.25×10^{-10}	3.53×10^{-8}
TMOD2	0.31991046	2.83×10^{-10}	4.41×10^{-8}
SYNPO	0.319683714	2.92×10^{-10}	4.51×10^{-8}
TGFB1I1	0.319583642	2.96×10^{-10}	4.54×10^{-8}

PALM2-			
AKAP2	0.31944978	3.01×10^{-10}	4.58×10^{-8}
ZNF366	0.319401428	3.03×10^{-10}	4.58×10^{-8}
PDGFB	0.31921117	3.11×10^{-10}	4.66×10^{-8}
SASH1	0.318176472	3.57×10^{-10}	5.30×10^{-8}
TCF21	0.318136563	3.59×10^{-10}	5.30×10^{-8}
DPYSL2	0.317662583	3.83×10^{-10}	5.61×10^{-8}
CYTH3	0.317398017	3.97×10^{-10}	5.77×10^{-8}
PDLIM2	0.316595976	4.41×10^{-10}	6.36×10^{-8}
JAM3	0.316556522	4.44×10^{-10}	6.36×10^{-8}
SLC46A3	0.316152003	4.68×10^{-10}	6.66×10^{-8}
TCF4	0.315766974	4.93×10^{-10}	6.96×10^{-8}
LOXL2	0.315712045	4.96×10^{-10}	6.96×10^{-8}
MXRA5	0.315192727	5.31×10^{-10}	7.40×10^{-8}
DLL4	0.314252217	6.02×10^{-10}	8.32×10^{-8}
HEY2	0.313128735	6.97×10^{-10}	9.52×10^{-8}
FAT4	0.31286596	7.22×10^{-10}	9.76×10^{-8}
LAMA2	0.312830928	7.25×10^{-10}	9.76×10^{-8}
LZTS1	0.312772653	7.31×10^{-10}	9.77×10^{-8}
C1orf111	0.31271971	7.36×10^{-10}	9.77×10^{-8}
PSD3	0.312362395	7.71×10^{-10}	1.02×10^{-7}
C1QTNF2	0.312256225	7.82×10^{-10}	1.02×10^{-7}
FSTL1	0.312140886	7.94×10^{-10}	1.03×10^{-7}
RPS6KA2	0.311404117	8.74×10^{-10}	1.12×10^{-7}
KLHL20	0.311174791	9.00×10^{-10}	1.15×10^{-7}
GPR124	0.311039841	9.16×10^{-10}	1.16×10^{-7}
DUSP1	0.310617761	9.68×10^{-10}	1.22×10^{-7}
FGD5	0.310140112	1.03×10^{-9}	1.29×10^{-7}
ZXDA	0.309836113	1.07×10^{-9}	1.33×10^{-7}
COL8A1	0.309446633	1.13×10^{-9}	1.39×10^{-7}
LHX6	0.309249709	1.16×10^{-9}	1.42×10^{-7}
EGFLAM	0.308775144	1.23×10^{-9}	1.50×10^{-7}
MYLK	0.308479844	1.28×10^{-9}	1.55×10^{-7}
FAM26E	0.308376082	1.29×10^{-9}	1.56×10^{-7}
MYOCD	0.307968768	1.36×10^{-9}	1.63×10^{-7}
AKT3	0.307966088	1.36×10^{-9}	1.63×10^{-7}
LOC399959	0.307775916	1.40×10^{-9}	1.66×10^{-7}
KANK3	0.306781736	1.59×10^{-9}	1.85×10^{-7}
EPAS1	0.306594293	1.63×10^{-9}	1.88×10^{-7}
VEGFC	0.306299048	1.69×10^{-9}	1.94×10^{-7}
NPR1	0.306270208	1.69×10^{-9}	1.94×10^{-7}
GPR17	0.30614866	1.72×10^{-9}	1.96×10^{-7}
COL4A2	0.305466103	1.88×10^{-9}	2.12×10^{-7}
RASGRF2	0.30544276	1.88×10^{-9}	2.12×10^{-7}

DCHS1	0.304714326	2.07×10^{-9}	2.31×10^{-7}
ELK3	0.30445636	2.14×10^{-9}	2.38×10^{-7}
COL6A2	0.303264438	2.48×10^{-9}	2.75×10^{-7}
MICAL2	0.303023593	2.56×10^{-9}	2.82×10^{-7}
IGFBP7	0.30273372	2.66×10^{-9}	2.91×10^{-7}
BMX	0.302265543	2.82×10^{-9}	3.05×10^{-7}
CACNA1C	0.302153871	2.86×10^{-9}	3.08×10^{-7}
SNED1	0.302102621	2.87×10^{-9}	3.08×10^{-7}
HEPH	0.301592435	3.07×10^{-9}	3.27×10^{-7}
FXYP6	0.301316226	3.17×10^{-9}	3.35×10^{-7}
PLCL1	0.301302068	3.18×10^{-9}	3.35×10^{-7}
CALD1	0.300709703	3.42×10^{-9}	3.58×10^{-7}
TRO	0.300685925	3.43×10^{-9}	3.58×10^{-7}
MYH11	0.300448226	3.54×10^{-9}	3.67×10^{-7}
SLC41A2	0.300019199	3.73×10^{-9}	3.83×10^{-7}
