

Supplementary Table IV. Prediction targets of small molecular prediction of *Coreopsis tinctoria* Nutt.

No	Components	Predictive targets
1	heriguard	GSK3B, <i>RAF1</i> , AKR1B1, FGFR1, CDK2, ESR2, <i>PRKAA2</i> , <i>NFKB2</i> , ABL2, AMY2A, CA2, CAMK4, CHEK1, CSF2, FFAR1, FGFR2, FN1, GCK, GPR119, HTRA1, IAPP, IGFBP4, INS, INSR, JAK3, NR3C1, PYGM, SERPINF1, SYK, TLR2, TNF
2	dicafeoylquinic	GSK3B, TLR2, PYGM, TNF, AKR1B1, CAMK4, IAPP, <i>PRKAA2</i> , ABL2, VEGF, ADAM17, AMY2A, CSF2, CSF3R, FN1, GPR119, HTRA1, ICAM5, LEPR, NR3C1
3	flavanomarein	GSK3B, RAF1, TLR2, INS, PYGM, TNF, CDK2, FGFR1, CAMK4, AMY2A, HTRA1, IAPP, <i>PRKAA2</i> , <i>NFKB2</i> , ABL2, ADAM17, AKR1B1, CHEK1, CSF2, ESR2, FN1, GCK, GPR119, ICAM5, IGFBP4, LEPR, NR3C1, SERPINF1, SYK, VEGF
4	maritimein	GSK3B, RAF1, TLR2, INS, TNF, SYK, PYGM, CDK2, CAMK4, AMY2A, HTRA1, FGFR1, IAPP, <i>PRKAA2</i> , <i>NFKB2</i> , ABL2, ADAM17, AKR1B1, CD80, CHEK1, CSF2, ESR2, FN1, GCK, GPR119, ICAM5, IGFBP4, JAK3, NR3C1, SERPINF1, VEGF
5	luteolin	ESR2, ABL2, AKR1B1, CA2, CAMK4, CDK2, CHEK1, CSF2, FFAR1, FGFR1, FGFR2, GPR119, GSK3B, HTRA1, IAPP, IGFBP4, INS, INSR, JAK2, JAK3, <i>NFKB2</i> , PDPK1, <i>PRKAA2</i> , PYGM, RAF1, SYK, TLR2
6	baicalin	TLR2, INS, PYGM, AKR1B1, HTRA1, AMY2A, ADAM17, CAMK4, CHEK1, ESR2, FGFR2, GCK, GPR119, NR3C1, PDPK1, RAF1, SERPINF1, SYK, TGFB1, TNF
7	catechol	CA2, FN1
8	marein	GSK3B, RAF1, TLR2, INS, TNF, SYK, PYGM, AKR1B1, CDK2, CAMK4, AMY2A, HTRA1, IAPP, <i>PRKAA2</i> , <i>NFKB2</i> , FGFR1, ABL2, ADAM17, CSF2, ESR2, FN1, GCK, GPR119, ICAM5, JAK3, NR3C1, PDGFB, SERPINF1, VEGF
9	caffeic	INS, TLR2, AMY2A, CA2, CDK2, ESR2, FBP1, FFAR1, FGFR1, FGFR2, FN1, GSK3B, JAK2, <i>NFKB2</i> , RAF1, TNF
10	catechin	ESR2, FGFR1, AMY2A, CA2, CAMK4, CDK2, CSF2, CSF3R, FFAR1, FGFR2, GCK, GSK3B, HTRA1, IAPP, IGFBP4, INS, INSR, JAK2, JAK3, <i>NFKB2</i> , PDPK1, <i>PRKAA2</i> , PYGM, RAF1, SYK, TGFB1, TLR2, ABL2, TNF
11	butein	RAF1, ESR2, AKR1B1, AMY2A, CA2, CAMK4, CDK2, CHEK1, CSF2, CSF3R, DPP4, FFAR1, FGFR1, FGFR2, GCK, GPR119, GSK3B, HTRA1, IAPP, IGFBP4, INS, INSR, JAK2, JAK3, NR3C1, PDPK1, <i>PRKAA2</i> , PYGM, SERPINF1, TGFB1, TLR2, TNF
12	meletin	FGFR1, <i>NFKB2</i> , ABL2, AKR1B1, AMY2A, CA2, CAMK4, CDK2, CSF2, FFAR1, FGFR2, GCK, GPR119, GSK3B, HTRA1, IAPP, IGFBP4, INS, INSR, JAK2, JAK3, PDPK1, <i>PRKAA2</i> , PYGM, RAF1, SYK, TLR2, TNF