

Supplementary Table I. The docking scores of 43 target proteins of *Coreopsis tinctoria* Nutt.

No	PDB Code	Gene Name	Zinc number	-CDOCKER_INTERACTION ENERGY
1	1E1X	CDK2	ZINC000002138728	55.2267
2	1E1X	CDK2	ZINC000013827660	49.7159
3	1E1X	CDK2	ZINC000033985284	63.0567
4	1E1X	CDK2	ZINC000012428433	46.0908
5	1E1X	CDK2	ZINC000013827634	54.225
6	1E1X	CDK2	ZINC000000058172	32.9985
7	1E1X	CDK2	ZINC000000119985	47.729
8	1E1X	CDK2	ZINC000003869685	46.7517
9	1E1X	CDK2	ZINC000018185774	47.045
10	1U3R	ESR2	ZINC000002138728	53.8917
11	1U3R	ESR2	ZINC000013827660	30.373
12	1U3R	ESR2	ZINC000033985284	32.7442
13	1U3R	ESR2	ZINC000012428433	48.7785
14	1U3R	ESR2	ZINC000000058172	32.599
15	1U3R	ESR2	ZINC000000119985	49.3445
16	1U3R	ESR2	ZINC000003869685	49.6297
17	1U3R	ESR2	ZINC000003943903	42.5996
18	1U3R	ESR2	ZINC000018185774	47.6179
19	1UU3	PDPK1	ZINC000003869685	35.2118
20	1UU3	PDPK1	ZINC000000119985	37.4128
21	1UU3	PDPK1	ZINC000012428433	35.9269
22	1UU3	PDPK1	ZINC000000119985	40.1279
23	1UU3	PDPK1	ZINC000003869685	38.8879
24	1UU3	PDPK1	ZINC000003943903	45.6341
25	1UU3	PDPK1	ZINC000018185774	34.4491
26	2W4O	CAMK4	ZINC000002138728	46.2676
27	2W4O	CAMK4	ZINC000013827660	54.3379
28	2W4O	CAMK4	ZINC000033985284	52.875
29	2W4O	CAMK4	ZINC000100037586	56.0202
30	2W4O	CAMK4	ZINC000013827634	50.6718
31	2W4O	CAMK4	ZINC000012428433	40.4646
32	2W4O	CAMK4	ZINC000000119985	40.808
33	2W4O	CAMK4	ZINC000003869685	39.2845
34	2W4O	CAMK4	ZINC000003943903	45.8325
35	2W4O	CAMK4	ZINC000018185774	39.8142
36	2WMS	CHEK1	ZINC000002138728	39.343
37	2WMS	CHEK1	ZINC000003869685	27.5221
38	2WMS	CHEK1	ZINC000003943903	34.7053
39	2WMS	CHEK1	ZINC000012428433	30.8587
40	2WMS	CHEK1	ZINC000013827634	38.364
41	2WMS	CHEK1	ZINC000018185774	30.2937
42	2WMS	CHEK1	ZINC000033985284	32.8789
43	3E64	JAK2	ZINC000012428433	38.6029
44	3E64	JAK2	ZINC000000058172	29.5583
45	3E64	JAK2	ZINC000000119985	40.6731
46	3E64	JAK2	ZINC000003869685	43.522
47	3E64	JAK2	ZINC000018185774	41.5011
48	1A3Q	NFKB2	ZINC000013827660	41.4977
49	1A3Q	NFKB2	ZINC000013827634	41.3628
50	1A3Q	NFKB2	ZINC000000119985	51.252
51	1A3Q	NFKB2	ZINC000003869685	72.2876
52	1A3Q	NFKB2	ZINC000012428433	34.5682
53	1A3Q	NFKB2	ZINC000000058172	34.8776
54	1A3Q	NFKB2	ZINC000002138728	47.1525
55	1A3Q	NFKB2	ZINC000012428433	52.5551
56	1A3Q	NFKB2	ZINC000018185774	68.2556
57	3HMI	ABL2	ZINC000013827634	52.2104

58	3HMI	ABL2	ZINC000013827660	55.5659
59	3HMI	ABL2	ZINC000033985284	53.7331
60	3HMI	ABL2	ZINC0000100037586	52.9492
61	3HMI	ABL4	ZINC000000119985	37.3804
62	3HMI	ABL4	ZINC000003869685	41.7698
63	3HMI	ABL4	ZINC000003943903	50.8602
64	3HMI	ABL4	ZINC000018185774	36.3826
65	3IJ8	AMY2A	ZINC000000058172	32.2766
66	3IJ8	AMY2A	ZINC000000119985	44.3388
67	3IJ8	AMY2A	ZINC000002138728	43.8437
68	3IJ8	AMY2A	ZINC000003869685	41.1411
69	3IJ8	AMY2A	ZINC000003943903	46.7094
70	3IJ8	AMY2A	ZINC000012428433	37.9453
71	3IJ8	AMY2A	ZINC000013827634	47.1498
72	3IJ8	AMY2A	ZINC000013827660	52.6823
73	3IJ8	AMY2A	ZINC000033985284	52.5326
74	3IJ8	AMY2A	ZINC0000100037586	32.8244
75	3NZI	HTRA1	ZINC000002138728	35.3395
76	3NZI	HTRA1	ZINC000013827660	41.7881
77	3NZI	HTRA1	ZINC000033985284	41.1657
78	3NZI	HTRA1	ZINC0000100037586	34.4301
79	3NZI	HTRA1	ZINC000012428433	34.5549
80	3NZI	HTRA1	ZINC000013827634	41.9225
81	3NZI	HTRA1	ZINC000000119985	31.1826
82	3NZI	HTRA1	ZINC000003943903	43.3503
83	3NZI	HTRA1	ZINC000003869685	30.1859
84	3NZI	HTRA1	ZINC000018185774	32.6872
85	3RHX	FGFR1	ZINC000002138728	43.9507
86	3RHX	FGFR1	ZINC000013827660	64.53
87	3RHX	FGFR1	ZINC000033985284	50.29
88	3RHX	FGFR1	ZINC000012428433	41.111
89	3RHX	FGFR1	ZINC000013827634	54.5275
90	3RHX	FGFR1	ZINC000000058172	32.6131
91	3RHX	FGFR1	ZINC000000119985	44.9088
92	3RHX	FGFR1	ZINC000003869685	42.0793
93	3RHX	FGFR1	ZINC000018185774	40.6358
94	3RI1	FGFR2	ZINC000002138728	44.0587
95	3RI1	FGFR2	ZINC000012428433	40.6682
96	3RI1	FGFR2	ZINC000000119985	45.5145
97	3RI1	FGFR2	ZINC000000058172	30.1619
98	3RI1	FGFR2	ZINC000003869685	45.4317
99	3RI1	FGFR2	ZINC000003943903	56.4123
100	3RI1	FGFR2	ZINC000018185774	42.2764
101	3S74	CA2	ZINC000002138728	37.9077
102	3S74	CA2	ZINC000012428433	38.5695
103	3S74	CA2	ZINC000000058172	39.3421
104	3S74	CA2	ZINC000000119985	49.4657
105	3S74	CA2	ZINC000013512214	32.2582
106	3S74	CA2	ZINC000018185774	45.3559
107	3S74	CA2	ZINC000003869685	45.5122
108	3VF9	SYK	ZINC000000119985	41.3655
109	3VF9	SYK	ZINC000003869685	38.9998
110	3VF9	SYK	ZINC000018185774	37.5275
111	3VF9	SYK	ZINC000002138728	39.2514
112	3VF9	SYK	ZINC000012428433	38.92
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114	1J1B	GSK3B	ZINC000013827660	66.628
115	1J1B	GSK3B	ZINC000033985284	57.5421
116	1J1B	GSK3B	ZINC0000100037586	71.3385
117	1J1B	GSK3B	ZINC000012428433	46.4573
118	1J1B	GSK3B	ZINC000013827634	61.9766
119	1J1B	GSK3B	ZINC000018185774	39.2585

120	1J1B	GSK3B	ZINC00000058172	30.6892
121	1J1B	GSK3B	ZINC00003869685	41.7261
122	1J1B	GSK3B	ZINC00000119985	42.8728
123	3F9M	GCK	ZINC000012428433	38.9712
124	3F9M	GCK	ZINC000013827634	49.9019
125	3F9M	GCK	ZINC000013827660	50.0509
126	3F9M	GCK	ZINC000033985284	51.2571
127	3F9M	GCK	ZINC00000119985	39.0657
128	3F9M	GCK	ZINC000002138728	48.0285
129	3F9M	GCK	ZINC00003869685	38.9991
130	3F9M	GCK	ZINC000003943903	47.5304
131	3G7V	IAPP	ZINC000002138728	54.6282
132	3G7V	IAPP	ZINC000033985284	67.6997
133	3G7V	IAPP	ZINC000012428433	49.8031
134	3G7V	IAPP	ZINC00000119985	45.0159
135	3G7V	IAPP	ZINC00003869685	42.7104
136	3G7V	IAPP	ZINC000013827634	64.0632
137	3G7V	IAPP	ZINC000013827660	74.3135
138	3G7V	IAPP	ZINC000018185774	44.8201
139	3G7V	IAPP	ZINC000100037586	70.6147
140	4N8D	DPP4	ZINC000012428433	32.6895
141	1A8M	TNF	ZINC00000058172	35.5616
142	1A8M	TNF	ZINC000012428433	51.5529
143	1A8M	TNF	ZINC000013827634	61.9897
144	1A8M	TNF	ZINC000013827660	55.1996
145	1A8M	TNF	ZINC000018185774	51.0022
146	1A8M	TNF	ZINC000033985284	46.1403
147	1A8M	TNF	ZINC000100037586	67.3565
148	1A8M	TNF	ZINC00000119985	56.9243
149	1A8M	TNF	ZINC000002138728	58.8945
150	1A8M	TNF	ZINC00003869685	55.0444
151	1A8M	TNF	ZINC000003943903	57.0767
152	1CSG	CSF2	ZINC000012428433	41.9563
153	1CSG	CSF2	ZINC000013827634	53.2221
154	1CSG	CSF2	ZINC000013827660	58.1736
155	1CSG	CSF2	ZINC000018185774	39.9746
156	1CSG	CSF2	ZINC000033985284	55.2865
157	1CSG	CSF2	ZINC000100037586	56.1811
158	1CSG	CSF2	ZINC00000119985	39.2442
159	1CSG	CSF2	ZINC000002138728	44.6129
160	1CSG	CSF2	ZINC00003869685	38.8873
161	1HTV	INS	ZINC00000058172	30.3164
162	1HTV	INS	ZINC000012428433	42.572
163	1HTV	INS	ZINC000013827634	52.8778
164	1HTV	INS	ZINC000013827660	54.3837
165	1HTV	INS	ZINC000018185774	37.6305
166	1HTV	INS	ZINC000033985284	56.4735
167	1HTV	INS	ZINC00000119985	42.1397
168	1HTV	INS	ZINC000002138728	43.7088
169	1HTV	INS	ZINC00003869685	38.7438
170	1HTV	INS	ZINC000003943903	51.1342
171	2D9Q	CSF3R	ZINC000012428433	33.8291
172	2D9Q	CSF3R	ZINC00000119985	32.3848
173	2DDF	ADAM17	ZINC000013827634	35.2228
174	2DDF	ADAM17	ZINC000013827660	34.8477
175	2DDF	ADAM17	ZINC000033985284	33.9361
176	2DDF	ADAM17	ZINC000100037586	40.8782
177	2DDF	ADAM17	ZINC000003943903	33.789
178	2QKH	GPR119	ZINC000012428433	30.3253
179	2QKH	GPR119	ZINC000013827634	41.4179
180	2QKH	GPR119	ZINC000013827660	42.1315
181	2QKH	GPR119	ZINC000018185774	30.684

182	2QKH	GPR119	ZINC000033985284	39.9054
183	2QKH	GPR119	ZINC000100037586	42.4428
184	2QKH	GPR119	ZINC000000119985	29.4983
185	2QKH	GPR119	ZINC000002138728	33.7586
186	2QKH	GPR119	ZINC000003869685	30.2691
187	2QKH	GPR119	ZINC000003943903	43.324
188	3V6O	LEPR	ZINC000013827634	30.0523
189	3V6O	LEPR	ZINC000100037586	33.7964
190	3V6O	LEPR	ZINC000000119985	27.813
191	4IBM	INSR	ZINC000000058172	29.633
192	4IBM	INSR	ZINC000012428433	40.3552
193	4IBM	INSR	ZINC000018185774	39.9365
194	4IBM	INSR	ZINC000000119985	43.8574
195	4IBM	INSR	ZINC000002138728	43.4643
196	4IBM	INSR	ZINC000003869685	44.5786
197	5ISO	PRKAA2	ZINC000000119985	42.8977
198	5ISO	PRKAA2	ZINC000003869685	37.2084
199	5ISO	PRKAA2	ZINC000012428433	35.9045
200	5ISO	PRKAA2	ZINC000013827634	50.801
201	5ISO	PRKAA2	ZINC000013827660	57.9131
202	5ISO	PRKAA2	ZINC000018185774	40.8426
203	5ISO	PRKAA2	ZINC000033985284	51.1166
204	5ISO	PRKAA2	ZINC000100037586	63.8429
205	5ISO	PRKAA2	ZINC000002138728	50.767
206	5LWM	JAK3	ZINC000012428433	39.4477
207	5LWM	JAK3	ZINC000013827660	45.5601
208	5LWM	JAK4	ZINC000018185774	38.1261
209	5LWM	JAK4	ZINC000033985284	49.0403
210	5LWM	JAK5	ZINC000000119985	39.1606
211	5LWM	JAK5	ZINC000002138728	45.3394
212	5LWM	JAK6	ZINC000003869685	39.6205
213	5TZR	FFAR1	ZINC000000058172	34.2237
214	5TZR	FFAR1	ZINC000012428433	43.8617
215	5TZR	FFAR1	ZINC000018185774	37.9686
216	5TZR	FFAR1	ZINC000000119985	33.6838
217	5TZR	FFAR1	ZINC000002138728	57.394
218	5TZR	FFAR1	ZINC000003869685	31.7155
219	1A3Q	NFKB2	ZINC000000119985	29.6158
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221	1A3Q	NFKB2	ZINC000013827660	41.4977
222	1A3Q	NFKB2	ZINC000018185774	30.1469
223	1A3Q	NFKB2	ZINC000000119985	30.1168
224	1A3Q	NFKB2	ZINC000003869685	40.0788
225	1A3Q	NFKB2	ZINC000012428433	32.0016
226	1A3Q	NFKB2	ZINC000018185774	39.7212
227	1C1Y	RAF1	ZINC000000058172	42.6436
228	1C1Y	RAF1	ZINC000012428433	56.6763
229	1C1Y	RAF1	ZINC000013827634	59.6751
230	1C1Y	RAF1	ZINC000013827660	57.3321
231	1C1Y	RAF1	ZINC000018185774	52.2395
232	1C1Y	RAF1	ZINC000033985284	60.6738
233	1C1Y	RAF1	ZINC000000119985	55.7138
234	1C1Y	RAF1	ZINC000002138728	57.7573
235	1C1Y	RAF1	ZINC000003869685	54.5842
236	1C1Y	RAF1	ZINC000003943903	50.3629
237	1DR9	CD80	ZINC000033985284	30.9316
238	1FYW	TLR2	ZINC000000058172	30.8067
239	1FYW	TLR2	ZINC000012428433	45.4118
240	1FYW	TLR2	ZINC000013827634	66.4105
241	1FYW	TLR2	ZINC000013827660	64.8447
242	1FYW	TLR2	ZINC000018185774	41.2979
243	1FYW	TLR2	ZINC000033985284	61.1786

244	1FYW	TLR2	ZINC000100037586	67.1671
245	1FYW	TLR2	ZINC000000119985	47.2157
246	1FYW	TLR2	ZINC000002138728	52.2852
247	1FYW	TLR2	ZINC000003869685	48.0387
248	1FYW	TLR2	ZINC000003943903	60.8404
249	1UMG	FBP	ZINC000000058172	32.0036
250	1XBB	SYK	ZINC000012428433	40.4203
251	1XBB	SYK	ZINC000013827660	56.5113
252	1XBB	SYK	ZINC000018185774	41.748
253	1XBB	SYK	ZINC000033985284	54.279
254	1XBB	SYK	ZINC000000119985	38.7999
255	1XBB	SYK	ZINC000002138728	44.2493
256	1XBB	SYK	ZINC000003869685	40.1748
257	1XBB	SYK	ZINC000003943903	42.8349
258	1Z8D	PYGM	ZINC000012428433	34.8612
259	1Z8D	PYGM	ZINC000013827634	45.7383
260	1Z8D	PYGM	ZINC000013827660	52.8695
261	1Z8D	PYGM	ZINC000018185774	34.0837
262	1Z8D	PYGM	ZINC000033985284	45.8693
263	1Z8D	PYGM	ZINC000100037586	51.4809
264	1Z8D	PYGM	ZINC000000119985	35.3202
265	1Z8D	PYGM	ZINC000002138728	44.7296
266	1Z8D	PYGM	ZINC000003869685	35.1033
267	1Z8D	PYGM	ZINC000003943903	46.7702
268	2E7A	TNF	ZINC000012428433	43.311
269	2E7A	TNF	ZINC000013827634	61.7562
270	2E7A	TNF	ZINC000013827660	65.1586
271	2E7A	TNF	ZINC000018185774	43.8543
272	2E7A	TNF	ZINC000033985284	64.9977
273	2E7A	TNF	ZINC000100037586	71.6332
274	2E7A	TNF	ZINC000000119985	42.1591
275	2E7A	TNF	ZINC000002138728	55.0803
276	2E7A	TNF	ZINC000003869685	43.1216
277	2E7A	TNF	ZINC000003943903	57.5134
278	2R24	AKR1B1	ZINC000012428433	39.9572
279	2R24	AKR1B1	ZINC000013827634	40.819
280	2R24	AKR1B1	ZINC000013827660	45.8224
281	2R24	AKR1B1	ZINC000018185774	37.8822
282	2R24	AKR1B1	ZINC000033985284	41.1453
283	2R24	AKR1B1	ZINC000100037586	53.9484
284	2R24	AKR1B1	ZINC000002138728	47.9031
285	2R24	AKR1B1	ZINC000003869685	39.8874
286	2R24	AKR1B1	ZINC000003943903	44.9853
287	3GLK	IAPP	ZINC000012428433	37.1645
288	3GLK	IAPP	ZINC000013827634	54.2984
289	3GLK	IAPP	ZINC000013827660	56.0304
290	3GLK	IAPP	ZINC000033985284	58.7405
291	3GLK	IAPP	ZINC000018185774	37.1179
292	3GLK	IAPP	ZINC000100037586	65.8657
