

Rank	Kinase	Δ JSD $\mu=200$	Δ JSD $\mu=700$	Δ JSD $\mu=200$ stdev	Δ JSD $\mu=700$ stdev	i=1 score $\mu=200$	i=1 score $\mu=200$ stdev	i>1 max score $\mu=200$	i>1 max score $\mu=200$ stdev	i=1 score $\mu=700$	i=1 score $\mu=700$ stdev	i>1 max score $\mu=700$	i>1 max score $\mu=700$ stdev
1	BMPR1B	0.004182	0.000227	0.000201	0.000173	0.986409	0.000344	0.990591	0.000216	0.974793	0.000354	0.97502	0.000329
2	FGFR4	0.004194	3.9e-05	4.6e-05	0.000297	0.980398	0.000148	0.984592	0.000172	0.969397	0.000581	0.969436	0.000394
3	EPHA8	0.003791	-0.000107	0.000672	0.0006	0.960576	0.000407	0.964367	0.001011	0.923993	0.000236	0.923886	0.000484
4	CSNK1A1	0.000303	0.003188	0.000105	0.000833	0.982942	0.000145	0.983245	0.000205	0.950276	0.000415	0.953464	0.000613
5	GSK3A	0.002194	0.000821	2e-05	0.000371	0.997686	1.8e-05	0.99988	1.1e-05	0.986339	0.00055	0.98716	0.000336
6	CIT	0.002145	0.000294	0.000329	0.000237	0.989005	0.000136	0.991149	0.000245	0.974356	0.000427	0.97465	0.000448
7	PIK3CG	0.002305	9.9e-05	0.000312	0.000224	0.991444	0.000339	0.993749	5.2e-05	0.987414	7e-05	0.987513	0.000254
8	DYRK1A	0.001961	0.000226	0.000137	0.000315	0.988927	0.000136	0.990888	7.5e-05	0.975696	0.000427	0.975922	0.000409
9	CSNK1E	0.00166	0.000169	0.000115	0.000107	0.995311	0.000181	0.996971	9.4e-05	0.990927	0.000273	0.991096	0.000266
10	CSNK1G3	0.001769	2.7e-05	0.000224	0.000114	0.988335	0.000287	0.990105	0.000155	0.982631	0.000296	0.982658	0.000254
11	MEK1	0.001385	0.000374	0.000111	0.000189	0.995679	0.000109	0.997064	0.000162	0.992917	0.000186	0.993291	0.000228
12	WNK2	0.001663	2.4e-05	0.000331	0.000756	0.966605	0.000213	0.968268	0.00045	0.947374	0.00074	0.947398	0.000403
13	CLK1	0.001438	0.000132	0.000129	8.7e-05	0.988342	0.000301	0.989779	0.000352	0.98264	0.000248	0.982772	0.000198
14	INSR	0.00149	6.4e-05	0.000192	0.000217	0.991676	0.000196	0.993166	0.000232	0.975309	0.000254	0.975373	0.000214
15	TAK1	0.001012	0.00033	0.00037	0.000428	0.981609	0.000232	0.982621	0.000438	0.964384	0.000333	0.964714	0.000393
16	STK16	0.001206	-1.1e-05	0.000438	0.000217	0.992126	0.000466	0.993333	0.00051	0.984475	0.000325	0.984463	0.000191
17	MEK2	-4e-05	0.00105	9.4e-05	0.000163	0.994299	7.4e-05	0.994259	4.5e-05	0.990799	0.000252	0.991848	0.000271
18	IRAK1	0.00102	-8.7e-05	0.000539	0.000739	0.979628	0.000352	0.980648	0.000562	0.942088	0.000964	0.942001	0.000488
19	BRAF	0.002469	-0.003419	0.000277	0.003249	0.983882	0.000372	0.986351	0.000405	0.962366	0.000284	0.958947	0.003306