

Rank	Kinase	Δ JSD μ =200	Δ JSD μ =700	Δ JSD μ =200 stdev	Δ JSD μ =700 stdev	i=1 score μ =200	i=1 score μ =200 stdev	i>1 max score μ =200	i>1 max score μ =200 stdev	i=1 score μ =700	i=1 score μ =700 stdev	i>1 max score μ =700	i>1 max score μ =700 stdev
1	PLK3	0.00524	0.011419	0.000108	0.000613	0.981691	0.000129	0.986932	6.3e-05	0.935531	0.000745	0.94695	0.000871
2	p38-alpha	0.004321	0.009692	7.7e-05	0.000194	0.99421	8.9e-05	0.998531	6.3e-05	0.966733	0.000636	0.976424	0.000561
3	RIPK2	0.004702	0.005581	0.000115	0.001279	0.976469	9.2e-05	0.981171	7.7e-05	0.92563	0.000329	0.931211	0.001494
4	PLK2	0.002284	0.006993	6.9e-05	0.000682	0.986013	0.000132	0.988296	8.6e-05	0.94743	0.000931	0.954423	0.000658
5	p38-beta	0.001958	0.005125	0.000121	0.00058	0.991274	0.000183	0.993232	0.000121	0.950566	0.000696	0.955691	0.001124
6	JNK2	0.002646	0.002041	0.000183	0.000229	0.987218	0.000181	0.989864	0.000151	0.969261	0.00051	0.971303	0.000588
7	JNK1	0.002795	0.001817	9.4e-05	0.000894	0.987161	0.000129	0.989957	0.000116	0.969403	0.000338	0.97122	0.000749
8	ACVR1	0.001165	0.003369	9.7e-05	5.2e-05	0.993047	0.000127	0.994212	4.1e-05	0.967785	0.000642	0.971154	0.000596
9	LIMK1	0.001182	0.003227	7e-05	9.4e-05	0.993013	0.000145	0.994195	8.4e-05	0.967591	0.000743	0.970818	0.000824
10	JNK3	0.002667	0.001686	6.9e-05	0.000333	0.987173	0.000111	0.98984	7.8e-05	0.969527	0.000518	0.971212	0.000622
11	ZAK	-0.000603	0.004946	0.000129	0.000554	0.985886	0.000111	0.985283	8.6e-05	0.952018	0.000611	0.956964	0.000704
12	TXK	-0.000686	0.004969	7.1e-05	0.000238	0.985995	9.7e-05	0.985309	7.4e-05	0.951862	0.000644	0.956831	0.000695
13	TESK1	-0.000502	0.004192	0.00011	0.000888	0.986177	0.000211	0.985675	0.000139	0.952573	0.000671	0.956765	0.000939
14	KIT	0.000549	0.002786	0.000129	0.000464	0.977986	0.000131	0.978535	7.5e-05	0.943257	0.000389	0.946044	0.000654
15	LKB1	-0.001214	0.004488	0.000116	0.000806	0.979765	0.000313	0.978551	0.000232	0.929783	0.001614	0.934271	0.000877
16	VRK2	0.003052	-2.7e-05	0.000365	0.000761	0.988382	8.6e-05	0.991434	0.000307	0.95041	0.000823	0.950383	0.000632
17	PIK3CB	0.002273	0.000584	7e-05	0.000747	0.996156	0.000146	0.998429	9.8e-05	0.973236	0.000511	0.973819	0.000777
18	FGFR2	-0.002674	0.003735	0.00011	0.000157	0.981404	0.000165	0.97873	0.000155	0.934192	0.001176	0.937927	0.001254
19	ROCK1	0.001832	-0.001848	0.000172	0.000903	0.989719	0.000117	0.991551	9.9e-05	0.954122	0.000595	0.952274	0.000821
20	PLK1	-0.003588	0.003105	0.000155	0.001032	0.992589	0.000152	0.989001	0.0001	0.955083	0.001331	0.958188	0.000639
21	MARK4	-0.006496	0.005235	9.4e-05	0.000511	0.988104	0.000178	0.981608	0.000221	0.957957	0.000478	0.963192	0.00064
22	MARK1	-0.006514	0.004939	0.000109	0.000206	0.988097	0.000182	0.981583	0.000226	0.958234	0.000694	0.963174	0.000644
23	BRSK2	-0.006535	0.004738	0.000131	0.000117	0.988097	0.000101	0.981562	8.8e-05	0.958808	0.000532	0.963546	0.000581
24	TNNI3K	-0.009223	0.002247	0.000239	0.000702	0.976479	0.000123	0.967255	0.000134	0.918402	0.000702	0.920649	0.00099