## Enhancing Hit Identification in *Mycobacterium tuberculosis* Drug Discovery Using Dual-Event Bayesian Models

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Running Head: Dual Event Bayesian Models

**Figure S7.** TB kinase dose response and cytotoxicity model: good features from FCFP\_6.

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G1: 1670875748	G2: -1235942037	G3: 443956295	G4: -595817425	G5: -312381965
8 out of 9 good	8 out of 10 good	8 out of 10 good	25 out of 45 good	10 out of 15 good
Bayesian Score: 1.373	Bayesian Score: 1.312	Bayesian Score: 1.312	Bayesian Score: 1.256	Bayesian Score: 1.255
*****	NH NH N N N N N N N N N N N N N N N N N	*	***	*
G6: -628297815	G7: 1158507791	G8: 1953499806	G9: -278994470	G10: 37329034
8 out of 11 good	24 out of 45 good	11 out of 18 good	8 out of 12 good	6 out of 8 good
Bayesian Score: 1.255	Bayesian Score: 1.217	Bayesian Score: 1.215	Bayesian Score: 1.201	Bayesian Score: 1.186

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G11: 1193323686	G12: 535094085	G13: -1631111526	G14: 671951664	G15: 731843914
6 out of 8 good	6 out of 8 good	6 out of 8 good	6 out of 8 good	6 out of 8 good
Bayesian Score: 1.186	Bayesian Score: 1.186	Bayesian Score: 1.186	Bayesian Score: 1.186	Bayesian Score: 1.186
0 0 1	» N	NH *	a -5 NH	****
G16: -298028947	G17: 1662717112	G18: 1393924964	G19: 1768758742	G20: -1979033238
5 out of 6 good	14 out of 26 good	4 out of 4 good	4 out of 4 good	18 out of 36 good
Bayesian Score: 1.174	Bayesian Score: 1.160	Bayesian Score: 1.159	Bayesian Score: 1.159	Bayesian Score: 1.132