

Supplementary Table 3: KINOMEScan™ screening comparison of HC4, HC19, HC28 and GSK-157 at concentrations of 0.1, 1.0 and 10 μM versus other eif2α kinases

KINOMEScan Gene Symbol	Entrez Gene Symbol	GSK-157			HC4			HC19			HC28		
		0.1 μM	1.0 μM	10.0 μM	0.1 μM	1.0 μM	10.0 μM	0.1 μM	1.0 μM	10.0 μM	0.1 μM	1.0 μM	10.0 μM
EIF2AK1	EIF2AK1	85	25	29	93	100	40	100	100	80	100	95	28
PRKR	EIF2AK2	81	72	29	100	100	100	100	100	100	100	100	100
GCN2(Kin.Dom.2,S808G)	EIF2AK4	96	73	26	88	90	64	87	78	52	77	69	11

The compounds were screened at concentrations of 0.1, 1.0 and 10 mM , and results for primary screen binding interactions are reported as '% Ctrl', where lower numbers indicate stronger hits in the matrix. Red highlights those hits as <30% of Ctrl.