

Supplemental Table S1: Coefficient of variation of screen controls.

Prestwick plate	Cell line	Treatment	Coefficient of variation (%)	
			TGF $\beta$ +control	TGF $\beta$ -control
1	shCTL	DMEM	9	10
1	shPDLIM5	DMEM	11	18
1	shCTL	TGF $\beta$	8	14
1	shPDLIM5	TGF $\beta$	7	14
2	shCTL	DMEM	6	12
2	shPDLIM5	DMEM	8	15
2	shCTL	TGF $\beta$	5	21
2	shPDLIM5	TGF $\beta$	6	17
3	shCTL	DMEM	8	14
3	shPDLIM5	DMEM	7	15
3	shCTL	TGF $\beta$	8	7
3	shPDLIM5	TGF $\beta$	6	13
4	shCTL	DMEM	7	12
4	shPDLIM5	DMEM	8	13
4	shCTL	TGF $\beta$	6	20
4	shPDLIM5	TGF $\beta$	9	16