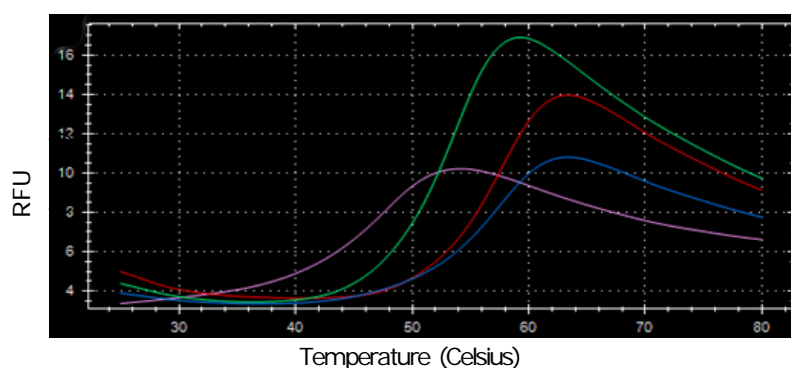


Bromodomain Spectrum <sup>SM</sup> (AlphaScreen® Assay)	
1	ATAD2
2	ATAD2B
3	BAZ1B
4	BAZ2A
5	BAZ2B
6	BPTF-[BRD]
7	BPTF-[PHD-BRD]*
8	BRD1
9	BRD2-1
10	BRD2-2
11	BRD2-T (1&2)
12	BRD3-1
13	BRD3-2
14	BRD3-T (1&2)
15	BRD4-FL
16	BRD4-1
17	BRD4-2
18	BRD4-T (1&2)
19	BRD9
20	BRDT-1
21	BRDT-T (1&2)
22	BRPF1b
23	BRPF3
24	BRWD1-2
25	CECR2
26	CREBBP
27	HP1beta*
28	HP1beta-[CHR]*
29	L3MBTL1*
30	SMARCA2a
31	SMARCA4
32	SP140
33	SP140L
34	TAF1-2
35	UHRF1-[PHD]*
36	UHRF1-[TDR]*
37	UHRF1-[TDR-PHD]*
38	UHRF1-FL*

\* No small molecule control is available

Thermal Shift Assay			
ASH1L-[BRD]	BRD7	HP1alpha	SMARCA2b
ATAD2	BRD9	HP1alpha-[CHR]	SMARCA4
ATAD2B	BRDT-1	HP1beta	SP100
BAZ1A	BRDT-2	HP1beta-[CHR]	SP110C
BAZ1B	BRDT-Tandem	HP1gamma	SP140
BAZ2A	BRPF1a	KAT2A	SP140L
BAZ2B	BRPF1b	KAT2B	TAF1-1
BPTF-[BRD]	BRPF3	KAT5-2-[CHR]	TAF1-2
BPTF-[PHD-BRD]	BRWD1-2	KAT5-3-[CHR]	TAF1L-1
BRD1	BRWD3-2	L3MBTL1	TAF1L-2
BRD2-1	CBX7-[CHR]	MPP8-[CHR]	TAF1L Tandem
BRD2-2	CECR2	PB1-1	TRIM24
BRD2-Tandem	CDgamma1-[CHR]	PB1-2	TRIM28
BRD3-2	CHD1-[CHR]	PB1-3	TRIM33a
BRD3-2	CHD2-[CHR]	PB1-4	TRIM33b
BRD3-Tandem	CHD4-[CHR]	PB1-5	TRIM66
BRD4 Full Length	CHD4-[PHD-CHR]	PB1-6	UHRF1-[PHD]
BRD4-1	CHD7-[CHR]	PHIP-2	UHRF1-[SRA]
BRD4-2	CREBBP	PHIP-Tandem	UHRF1-[TDR]
BRD4-Tandem	EP300	SMARCA2a	UHRF1-[TDR-PHD]
			UHRF1-FL

Melt Curve for BRD4-1 (His) Thermal Shift



Target	Compound	Melt Temp.	Tm
BRD4-1 (His)	JQ1	57.5	9.5
	PFI1	53.5	5.5
	BET151	57.5	9.5
	DMSO	48	0