

File S1 Number of genes regulated by HDAC inhibitors (>2 fold)

		Biological Replicate	Up- regulated	Down- regulated	TOTAL	%
SAHA						
2h+	1	403	418	821	21	
	2	201	174	375	10	
	1&2	126	73	199	5	
2h+/2h	1	59	93	152	4	
	2	121	67	188	5	
	1&2	12	5	17	0.4	
TSA						
2h+	1	388	278	666	17	
	2	234	195	429	11	
	1&2	141	87	228	6	
2h+/2h-	1	19	63	82	2	
	2	131	50	181	5	
	1&2	7	5	12	0.3	
2-ASA-9						
2h+	1	67	11	78	2	
	2	158	64	222	7	
	1&2	6	0	6	0.2	
2h+/2h-	1	31	14	45	1	
	2	114	38	152	4	
	1&2	11	3	14	0.3	