

Supplementary Table 1: Expression of HDAC-family members in the training set

Gene Symbol	HCC vs. Normal		HCC vs. Cirrhosis		HCC vs. Dysplastic Nodules	
	Score	p-value	Score	p-value	score	p-value
HDAC1	2.467	0.042	2.437	0.046	5.349	0.00
HDAC2	3.312	0.004	2.995	0.004	5.007	<0.001
HDAC3	0.186	n.s.	5.774	<0.001	6.121	<0.001
HDAC4	4.153	0.004	3.901	0.008	9.645	<0.001
HDAC5	2.424	0.042	4.997	0.002	7.027	<0.001
HDAC6	-4.799	<0.001	-7.326	<0.001	-9.014	<0.001
HDAC7a	-4.264	<0.001	-1.742	0.054	-2.584	0.008
HDAC8	-0.834	n.s.	0.986	n.s.	2.193	0.034
HDAC9	-1.265	n.s.	-2.245	n.s.	-2.334	0.006
HDAC10	-2.481	0.04	0.275	n.s.	-1.013	n.s.
HDAC11	2.546	0.02	3.930	<0.001	4.692	<0.001