

S4 Table. HCC1395/BL selected candidate cancer associated SNVs

Gene	Amino Acid Change	WGS Tumor VAF	Exome Tumor VAF	RNA-seq Tumor VAF	RNA-seq Tumor gene FPKM	Mutant Expression Class
<i>TP53</i>	R175H	100.00	98.86	99.94	153.62	Expressed
<i>PDGFRB</i>	T882I	28.33	29.13	100.00	0.06	Silent Gene
<i>FGFR1</i>	S158L	100.00	100.00	100.00	51.12	Expressed
<i>CREBBP</i>	H1297Q	29.69	23.53	31.64	20.98	Expressed
<i>BRCA2</i>	E1593*	45.26	42.59	48.39	2.02	Expressed
<i>ABL2</i>	T753A	31.58	35.48	33.33	5.62	Expressed
<i>MLL</i>	C151F	9.30	7.46	0.00	5.71	Unknown
<i>MSH6</i>	D1255N	32.47	31.82	30.53	19.47	Expressed
<i>EPHA8</i>	N123K	36.36	26.72	0.00	0.00	Silent Gene
<i>EPHA10</i>	L709M	33.33	38.22	0.00	0.01	Silent Gene
<i>EPHB1</i>	E245*	9.38	5.94	0.00	0.04	Silent Gene
<i>PLCG1</i>	S582C	40.82	42.86	53.49	9.69	Expressed
<i>CASC5</i>	P865S	49.15	46.15	50.00	3.10	Expressed
<i>STAT1</i>	P493A	48.81	58.10	53.71	46.85	Expressed
<i>TRPM7</i>	K153T	47.37	50.00	44.95	3.45	Expressed
<i>CFTR</i>	G437C	13.30	10.94	0.00	0.00	Silent Gene
<i>PRKX</i>	V43A	100.00	100.00	100.00	18.92	Expressed
<i>FLNA</i>	D2581H	100.00	99.17	99.81	294.41	Expressed
<i>SGK3</i>	A92V	42.62	22.86	27.27	0.44	Expressed