

Additional File 2: Correlation coefficients obtained for each sample

Patient #	Response	Sensitive	Sensitive	Sensitive	Resistant	Resistant	Resistant	Prediction	Discordance
		BT474	HCC2218	UACC-812	HCC1419	HCC1954	HCC1569		
1	pCR	0.04004	0.06877	<u>0.40700</u>	0.04674	0.39591	0.38195	Sensitive	No
2	non pCR	-0.04530	-0.06816	-0.23205	-0.21415	-0.05503	<u>-0.01444</u>	Resistant	No
3	non pCR	0.43902	0.38675	0.75903	0.53401	0.85581	<u>0.85938</u>	Resistant	No
4	non pCR	0.29205	0.32921	0.16184	0.25515	<u>0.42464</u>	0.40580	Resistant	No
5	pCR	<u>0.38109</u>	0.37936	0.02377	0.22267	0.29696	0.31572	Sensitive	No
6	pCR	0.08339	0.03969	0.10493	0.01341	0.25179	<u>0.29458</u>	Resistant	Yes
7	pCR	0.30998	0.35352	0.42382	0.32685	<u>0.64033</u>	0.59157	Resistant	Yes
8	non pCR	-0.22866	-0.24229	-0.16604	-0.34744	-0.11324	<u>-0.07798</u>	Resistant	No
9	pCR	0.92538	<u>0.92761</u>	0.44639	0.90216	0.78808	0.76504	Sensitive	No
10	non pCR	0.14806	0.13935	0.48320	0.11080	0.58735	<u>0.60093</u>	Resistant	No
11	pCR	0.18148	<u>0.18658</u>	-0.36346	0.14141	-0.14706	-0.17048	Sensitive	No
12	pCR	0.21873	0.20337	0.85752	0.32159	<u>0.79264</u>	0.78869	Sensitive	No
13	pCR	-0.03046	0.01892	0.45169	0.07231	<u>0.28713</u>	0.23420	Sensitive	No
14	non pCR	0.31264	0.25272	0.64901	0.34127	0.69736	<u>0.74656</u>	Resistant	No
15	non pCR	<u>0.11571</u>	0.08547	-0.54448	-0.10894	-0.19494	-0.13648	Sensitive	Yes
16	non pCR	<u>0.63469</u>	0.62601	-0.03014	0.54418	0.40453	0.41721	Sensitive	Yes
17	pCR	0.60006	0.58750	0.61276	0.55850	0.72292	<u>0.73902</u>	Resistant	Yes
18	non pCR	0.18761	0.18534	<u>0.84955</u>	0.34017	0.75936	0.73061	Sensitive	Yes
19	non pCR	0.26965	0.25727	0.79409	0.35624	<u>0.84622</u>	0.83652	Resistant	No
20	pCR	-0.03281	-0.08267	0.00314	-0.08338	0.06318	<u>0.10519</u>	Resistant	Yes
21	non pCR	0.17691	0.21051	<u>0.54413</u>	0.25190	0.55859	0.50532	Resistant	No
22	non pCR	0.12456	0.19407	0.18599	0.18562	<u>0.30071</u>	0.19613	Resistant	No
23	non pCR	0.16894	0.15401	<u>0.52835</u>	0.28438	0.52731	0.52498	Sensitive	Yes
24	non pCR	0.67540	0.68346	0.72218	0.73048	<u>0.88343</u>	0.85470	Resistant	No
25	non pCR	0.57339	0.59725	0.67220	0.59573	<u>0.85307</u>	0.82302	Resistant	No
26	pCR	-0.32648	-0.32339	<u>0.18971</u>	-0.36140	-0.01247	0.02270	Sensitive	No
27	pCR	<u>0.46019</u>	0.44801	0.05162	0.38183	0.42337	0.43863	Sensitive	No
28	pCR	<u>0.85864</u>	0.84531	0.10792	0.73693	0.52585	0.52820	Sensitive	No
29	pCR	0.73884	<u>0.74019</u>	-0.28279	0.54666	0.23093	0.24299	Sensitive	No
30	pCR	0.91856	<u>0.93028</u>	-0.01449	0.77419	0.46359	0.45198	Sensitive	No
31	non pCR	-0.24730	-0.26466	0.10136	-0.32116	0.08631	<u>0.11908</u>	Resistant	No
32	non pCR	-0.31109	-0.32087	-0.19537	-0.43579	-0.16406	<u>-0.13098</u>	Resistant	No
33	pCR	0.71790	0.72608	0.59395	0.70185	<u>0.87310</u>	0.85790	Resistant	Yes
34	non pCR	-0.19448	-0.19059	-0.20832	-0.33145	-0.16302	<u>-0.13724</u>	Resistant	No
35	non pCR	0.02117	0.05128	<u>0.46055</u>	0.08384	0.44397	0.40652	Sensitive	Yes
36	non pCR	0.28708	0.24290	0.74978	0.42322	0.77357	<u>0.77726</u>	Resistant	No
37	non pCR	-0.22540	-0.25981	-0.03351	-0.32154	0.00137	<u>0.05159</u>	Resistant	No
38	non pCR	0.25099	0.31722	0.29107	0.23424	<u>0.44468</u>	0.40481	Resistant	No
39	non pCR	0.25180	0.22349	0.57761	0.22931	0.64618	<u>0.67387</u>	Resistant	No
40	pCR	0.88449	0.88924	0.33181	<u>0.92555</u>	0.66765	0.62788	Resistant	Yes
41	non pCR	-0.19829	-0.21529	-0.07428	-0.31066	0.01050	<u>0.04862</u>	Resistant	No
42	non pCR	0.10543	0.04178	0.16638	<u>0.26492</u>	0.17246	0.16640	Resistant	No
43	non pCR	0.16120	0.26058	0.24085	0.15093	<u>0.33545</u>	0.25054	Resistant	No
44	pCR	0.68276	<u>0.69102</u>	0.31693	0.64211	0.65749	0.64597	Sensitive	No
45	non pCR	0.40774	0.43977	0.65796	0.46236	<u>0.75265</u>	0.72027	Resistant	No

The underlined coefficient corresponds to the highest, predicting pCR or non-pCR