

Supplementary Table 1 The detailed information of datasets including transcatheter arterial chemoembolisation non-treated hepatocellular carcinoma and its control samples

ID	Platform	Publication year	Last update year	Country	The number of samples	
					Tumor	Normal
GSE31370	GPL10558	2011	2018	South Korea	15	5
GSE36376	GPL10558	2012	2020	South Korea	240	193
GSE36411	GPL10558	2012	2018	South Korea	42	42
GSE39791	GPL10558	2012	2018	USA	72	72
GSE57957	GPL10558	2014	2018	Singapore	39	39
GSE76427	GPL10558	2015	2018	Singapore	115	52
GSE114564	GPL11154	2018	2021	South Korea	63	45
GSE148355	GPL11154	2020	2021	South Korea	0	45
GSE63863	GPL11154	2014	2019	China	12	12
GSE65485	GPL11154	2015	2021	China	50	5
GSE73708	GPL11154	2015	2019	USA	8	4
GSE81550	GPL11154	2016	2019	USA	3	3
GSE87592	GPL11154	2016	2019	China	27	26
GSE104310	GPL16791	2017	2021	China	12	8
GSE63018	GPL16791	2014	2019	USA	8	9
GSE77509	GPL16791	2016	2019	China	20	20
GSE94660	GPL16791	2017	2019	USA	21	21
GSE97214	GPL16791	2017	2019	China	9	9
GSE140845	GPL16791	2019	2019	India	5	5
GSE112221	GPL16791	2018	2019	USA	4	6

GSE101685	GPL570	2017	2021	Taiwan	24	8
GSE102079	GPL570	2017	2021	Japan	152	105
GSE107170	GPL570	2017	2021	Italy	118	189
GSE112790	GPL570	2018	2019	Japan	183	15
GSE121248	GPL570	2018	2019	Singapore	70	37
GSE17548	GPL570	2009	2019	Turkey	17	20
GSE19665	GPL570	2009	2019	Japan	10	10
GSE29721	GPL570	2011	2019	Canada	10	10
GSE33006	GPL570	2011	2019	Taiwan	3	3
GSE41804	GPL570	2012	2019	Japan	20	20
GSE45436	GPL570	2013	2019	Taiwan	93	41
GSE6222	GPL570	2006	2019	Taiwan	10	2
GSE62232	GPL570	2014	2019	France	81	10
GSE6764	GPL570	2007	2019	USA	35	40
GSE99807	GPL570	2017	2021	China	4	4
GSE84402	GPL570	2016	2019	China	14	14
GSE14323- GPL571	GPL571	2009	2018	USA	55	60
GSE14520- GPL571	GPL571	2009	2021	USA	22	21
GSE17967	GPL571	2009	2018	USA	16	47
GSE9839	GPL571	2007	2019	Switzerland	3	3
GSE57727	GPL14951	2014	2017	Spain	57	5
GSE98617	GPL14951	2017	2019	Spain	36	13
GSE113996	GPL16043	2018	2021	China	20	20
GSE74656	GPL16043	2015	2016	China	5	5
GSE101728	GPL21047	2017	2021	China	7	7
GSE98269- GPL21047	GPL21047	2017	2021	China	3	3
GSE12941	GPL5175	2008	2019	Japan	10	10
GSE84005	GPL5175	2016	2019	China	38	38

GSE45050	GPL6244	2013	2018	USA	6	10
GSE64041	GPL6244	2014	2018	Switzerland	60	65
GSE117361	GPL6480	2018	2021	China	2	2
GSE54236	GPL6480	2014	2020	Italy	81	80
GSE87630	GPL6947	2016	2018	South Korea	64	30
GSE89377	GPL6947	2016	2021	South Korea	40	67
GSE25599	GPL9052	2010	2019	China	10	10
GSE77314	GPL9052	2016	2019	China	50	50
GSE67764	GPL17077	2015	2019	China	3	6
GSE60502	GPL96	2014	2018	Taiwan	18	18
GSE124535	GPL20795	2019	2020	China	35	35
GSE22405	GPL10553	2010	2014	USA	24	24
GSE25097	GPL10687	2010	2020	USA	268	289
GSE33294	GPL10999	2011	2019	Hong Kong	3	3
GSE46444	GPL13369	2013	2014	USA	88	48
GSE63898	GPL13667	2014	2020	USA	228	168
GSE50579	GPL14550	2013	2016	Germany	67	10
GSE56545	GPL15433	2014	2019	USA	21	21
GSE57555- GPL16699	GPL16699	2014	2018	Japan	5	5
GSE128274	GPL16853	2019	2019	China	4	4
GSE54238	GPL16955	2014	2017	USA	26	30
GSE76311- GPL17586	GPL17586	2015	2018	USA	62	59
GSE20140- GPL18461	GPL18461	2010	2019	USA	35	34
GSE115018	GPL20115	2018	2018	China	12	12
GSE125469	GPL20301	2019	2019	China	3	3
GSE166163	GPL23126	2021	2021	China	3	3

GSE14520- GPL3921	GPL3921	2009	2021	USA	225	220
GSE46408	GPL4133	2013	2019	Taiwan	6	6
GSE10143	GPL5474	2008	2020	USA	80	307
GSE22058- GPL6793	GPL6793	2010	2013	USA	100	97
GSE55048	GPL9115	2014	2019	China	4	4
GSE59259	GPL18451	2014	2017	Italy	8	8
GSE114783	GPL15491	2018	2019	China	10	26
E-MTAB- 4171	NA	2017	2018	NA	15	15
E-MTAB- 8887	NA	2021	2021	NA	23	17
TCGA-GTEx	NA	NA	NA	NA	371	276
