

Table S10 Summary of input cfDNA sequencing results.

sample ID	type	total reads sequenced	unique nonduplicate mapped reads	unique nonduplicate mapped rate
10-input	healthy	12297454	9023854	0.73
27-input	healthy	14185485	10553292	0.74
38o-input	healthy	12534132	9265385	0.74
38-input	healthy	12329856	9068759	0.74
lung293-input	lung cancer	14387649	10706785	0.74
lung323-input	lung cancer	12718973	9096119	0.72
lung324-input	lung cancer	14283775	10338094	0.72
lung395-input	lung cancer	12340896	8984866	0.73
lung417-input	lung cancer	17296343	12782946	0.74
lung418-input	lung cancer	20112071	13065287	0.65
lung419-input	lung cancer	17101222	12919260	0.76
lung492-input	lung cancer	13523477	8003249	0.59
lung493-input	lung cancer	14517791	10169937	0.70
lung496-input	lung cancer	11334027	8241433	0.73
lung512-input	lung cancer	14193573	10244580	0.72
lung513-input	lung cancer	17138456	10633764	0.62
lung514-input	lung cancer	14089241	9448179	0.67
lung515-input	lung cancer	12218453	8370255	0.69
lung517-input	lung cancer	123012581	74444363	0.61
HCC237-input	HCC	16868568	11576052	0.69
HCC241-input	HCC	19915649	13060838	0.66
HCC290-input	HCC	14729600	9148988	0.62
HCC628-input	HCC	13985304	9264263	0.66
HCC324-input	HCC	10706376	7158113	0.67
pancreatic27-input	pancreatic cancer	21005431	15092249	0.72
pancreatic68-input	pancreatic cancer	21609699	16086862	0.74
pancreatic69-input	pancreatic cancer	20381405	15078736	0.74
pancreatic75-input	pancreatic cancer	20150809	15023706	0.75
pancreatic9-input	pancreatic cancer	17788884	12676327	0.71
pancreatic15-input	pancreatic cancer	66823239	44834027	0.67
pancreatic22-input	pancreatic cancer	20343874	13994980	0.69
GBM57-input	GBM	16663028	12288601	0.74
GBM58-input	GBM	19745555	15066250	0.76
GBM66-input	GBM	22743166	16710159	0.73
GBM76-input	GBM	19426157	14503092	0.75
stomach1-input	gastric cancer	15593466	11708043	0.75
stomach2-input	gastric cancer	19726402	14537170	0.74
stomach4-input	gastric cancer	12241169	9077833	0.74
stomach8-input	gastric cancer	15604495	11004207	0.71

colon13-input	colorectal cancer	19419793	14360900	0.74
colon16-input	colorectal cancer	17016615	12384120	0.73
colon17-input	colorectal cancer	18873289	13685934	0.73
colon19-input	colorectal cancer	20046893	14638576	0.73
BR7-input	breast cancer	17555208	12726778	0.72
BR13-input	breast cancer	18015338	13467760	0.75
HBV397-input	HBV	12448351	8786039	0.71
HBV640-input	HBV	16143446	10547979	0.65