

S13 Table. The detailed results for imaging examinations, mTBI, and RB1 VAF for each individual

Patient ID	Time points	Tumor sizes (mm)	mTBI	Tumor sizes relative to baseline (%)	mTBI relative to baseline (%)	RB1 VAF relative to baseline (%)
P01	B1	150	31.09	100	100	100
	B2	77	0	51.33333333	0	0
	B3	38	0	25.33333333	0	0
	B4	62	6.39	41.33333333	20.55323255	20.57877814
P03	B1	147	17.54	100	100	-
	B2	58	0.77	39.45578231	4.389965792	-
	B4	49	0.7	33.33333333	3.990877993	-
P04	B1	131	3.34	100	100	0
	B2	89	0.59	67.9389313	17.66467066	0
	B3	16	0.68	12.21374046	20.35928144	0
	B4	47	18.12	35.8778626	542.5149701	100
P05	B1	189	33.36	100	100	-
	B2	102	0.54	53.96825397	1.618705036	-
P06	B1	71	1.72	100	100	100
	B2	37	0.63	52.11267606	36.62790698	30
	B4	78	37.09	109.8591549	2156.395349	3870
P07	B1	210	46.93	100	100	-
	B2	125	1.12	59.52380952	2.386533134	-
	B3	96	0.65	45.71428571	1.385041551	-
P08	B1	156	56.2	100	100	-
	B2	67	0	42.94871795	0	-
P09	B1	80	5.33	100	100	-
	B2	42	0.22	52.5	4.127579737	-
	B3	12	1.48	15	27.7673546	-
P10	B1	100	2.48	-	-	-
P11	B1	122	0.8	100	100	-
	B2	62	0.25	50.81967213	31.25	-
P12	B1	20	17.63	100	100	100
	B3	18	16.06	90	91.0947249	84.40366972
P13	B1	50	1.87	100	100	100
	B2	36	1.19	72	63.63636364	0

P14	B3	32	0.86	64	45.98930481	0
	B1	171	40.18	100	100	100
	B2	118	1.55	69.00584795	3.857640617	3.938730853
	B3	104	1.84	60.81871345	4.579392733	3.501094092
	PD	125	-	73.0994152	-	-
P15	B4'	48	31.99	28.07017544	79.61672474	77.46170678
	B1	82	25.37	100	100	100
	B2	53	0.57	64.63414634	2.246748128	0
	B3	39	1.06	47.56097561	3.31353548	0
	B1	121	68.52	-	-	-
P16	B1	200	18.08	100	100	-
	B2	86	0.8	43	4.424778761	-
	B3	52	8.26	26	45.68584071	-
	B4	118	53.18	59	294.1371681	-
	B1	190	1.19	100	100	-
P17	B2	113	0.58	59.47368421	48.7394958	-
	B4	86	0.85	45.26315789	71.42857143	-
	B1	149	49.59	100	100	-
	B2	102	0.83	68.45637584	1.673724541	-
	B3	76	0.99	51.00671141	1.996370236	-
P18	B1	250	22.6	100	100	100
	B2	128	1.58	51.2	6.991150442	0
	B3	96	10.77	38.4	47.65486726	0
	B4	203	6.7	81.2	29.6460177	27.7486911
	B1	205	44.09	100	100	100
P19	B2	146	0	71.2195122	0	0
	B3	51	0	24.87804878	0	0
	B1	44	0.66	100	100	-
	B2	15	0	34.09090909	0	-
	B3	0	0	0	0	-
P20	B1	204	68.1	100	100	100
	B2	159	23.49	77.94117647	34.49339207	39.69072165
	B1	99	1.82	100	100	100
	B2	52	0	52.52525253	0	0
	B3	51	0.79	51.51515152	43.40659341	0

	B4	55	1.87	55.55555556	102.7472527	0
P27	B1	308	63.18	-	-	-
P28	B1	169	32.04	100	100	-
	B2	84	0.65	49.70414201	2.028714107	-
P29	B1	268	10.18	100	100	100
	B2	208	6.66	77.6119403	65.42239686	69.23076923
	B4	266	18.81	99.25373134	184.7740668	182.9059829
P30	B1	163	12.32	100	100	-
	B2	93	0	57.05521472	0	-
P31	B1	214	36.97	100	100	-
	B2	156	1.59	72.89719626	4.30078442	-
	B4	188	4.96	87.85046729	13.41628347	-
	B1	66	15.82	100	100	100
P32	B2	46	0.96	69.6969697	6.068268015	7.971014493
	B4	100	21.28	151.5151515	134.5132743	123.1884058
P33	B1	146	51.89	100	100	100
	B2	47	0	32.19178082	0	0
	B3	23	1.37	15.75342466	2.640200424	0
P34	B1	113	2.38	100	100	100
	B2	43	1.72	38.05309735	72.26890756	0
	B3	30	1.91	26.54867257	80.25210084	0
P35	B1	171	14.41	100	100	100
	B2	125	10.82	73.0994152	75.08674532	75
	B4	188	31.58	109.9415205	219.1533657	219.4444444
P37	B1	492	61.18	-	-	-
P36	B1	95	17.19	100	100	100
	B2	50	0	52.63157895	0	0
	B3	31	0.84	32.63157895	4.886561955	0
P38	B1	89	4.44	100	100	100
	B2	21	0.83	23.59550562	18.69369369	0
	B4	21	0.61	23.59550562	13.73873874	0

The baseline RB1 VAF for P04 was set to B4 due to the negative result of pre-treatment sample. The sample collection for P14-B4 delayed to the progression of subsequent radiotherapy. mTBI, molecular tumor burden index; VAF, variant allele frequency.