

Table S3: Non-synonymous somatic mutations identified in thyroid cancers subjected to targeted massively parallel sequencing.

Sample ID	Thyroid cancer subtype	Sample type	Symbol	Amino acid change	Annotation	Hotspot	Chromosome	Position	Reference	Alternate	Mutation type	Tumor MAF	Tumor DP	LOH	Cancer cell fraction	Clonal status
P-000559-T01-IM3	Papillary thyroid carcinoma	Primary	KRAS	G61R	OncoKB: Oncogenic	TRUE	12	25380276	T	C	Misense_Mutation	0.20600272851296045	733	FALSE	1	Clonal
P-000553-T01-IM3	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.33414634146341465	820	FALSE	1	Clonal
P-000533-T01-IM3	Papillary thyroid carcinoma	Primary	PTEN	N323Kfs*2	OncoKB: Likely Oncogenic	FALSE	10	89720811		A	Frame_Shift_Ins	0.183561438356143	365	FALSE	0.79	Subclonal
P-000523-T01-IM3	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.31914893561702128	94	FALSE	0.74	Subclonal
P-000533-T01-IM3	Papillary thyroid carcinoma	Primary	ATM	G252V	OncoKB: Unknown	FALSE	11	108224586	G	T	Misense_Mutation	0.31265846361185985	371	FALSE	1	Clonal
P-000108-T01-IM3	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.38320954773869346	199	FALSE	1	Clonal
P-000108-T01-IM3	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.46296296296296297	108	FALSE	1	Clonal
P-000108-T01-IM3	Papillary thyroid carcinoma	Primary	RBM10	Q772*	OncoKB: Likely Oncogenic	FALSE	23	47045667	C	T	Nonsense_Mutation	0.43661971830895913	213	FALSE	1	Clonal
P-000194-T01-IM3	Papillary thyroid carcinoma	Primary	NRAS	Q61K	OncoKB: Oncogenic	TRUE	1	115256530	G	T	Misense_Mutation	0.23436282866191607	1263	FALSE	1	Clonal
P-000194-T01-IM3	Papillary thyroid carcinoma	Primary	BRAF	V600_K601delinsE	OncoKB: Likely Oncogenic	TRUE	7	140453134	TCA		In_Frame_Del	0.334783247863248	585	FALSE	1	Clonal
P-000202-T01-IM3	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.33497530945812806	203	FALSE	1	Clonal
P-000202-T01-IM3	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.47727272727272723	44	TRUE	1	Clonal
P-000202-T01-IM3	Papillary thyroid carcinoma	Primary	DNMT3A	E32R	OncoKB: Likely Oncogenic	FALSE	2	25470480	C	T	Misense_Mutation	0.38016528925619836	121	FALSE	1	Clonal
P-000202-T01-IM3	Papillary thyroid carcinoma	Primary	STAG2	L329_V332del	OncoKB: Unknown	FALSE	23	123184126	TTTAAATATGT		In_Frame_Del	0.42592592592592593	162	TRUE	1	Clonal
P-000258-T01-IM3	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.10989010989010989	455	FALSE	0.54	Subclonal
P-000262-T01-IM3	Papillary thyroid carcinoma	Primary	NRAS	Q61R	OncoKB: Oncogenic	TRUE	1	115256529	T	C	Misense_Mutation	0.28835559320539	649	FALSE	1	Clonal
P-000262-T01-IM3	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.44444444444444444	90	TRUE	1	Clonal
P-000262-T01-IM3	Papillary thyroid carcinoma	Primary	RBM10	R582Gfs*46	OncoKB: Likely Oncogenic	FALSE	23	47046475	GGGCC		Frame_Shift_Ins	0.323308384580777	489	FALSE	1	Clonal
P-0003673-T01-IM5	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.23737373737373738	198	FALSE	1	Clonal
P-0003673-T01-IM5	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.189651724137931	116	FALSE	0.84	Clonal
P-0003673-T01-IM5	Papillary thyroid carcinoma	Primary	NPM1	P14L	OncoKB: Unknown	FALSE	5	170814993	C	T	Misense_Mutation	0.22727272727272728	202	FALSE	0.99	Clonal
P-0004446-T01-IM5	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.021324058011342	529	FALSE	0.14	Subclonal
P-0004633-T01-IM5	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.1535320899565216	738	FALSE	0.97	Clonal
P-0004633-T01-IM5	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.16666666666666666	306	FALSE	1	Clonal
P-0004633-T01-IM5	Papillary thyroid carcinoma	Primary	DNMT3A	A410S	OncoKB: Likely Oncogenic	FALSE	2	25469540	C	A	Misense_Mutation	0.05616605616605617	819	FALSE	0.35	Subclonal
P-000525-T01-IM5	Papillary thyroid carcinoma	Primary	TP53	R273C	OncoKB: Likely Oncogenic	TRUE	17	7577121	G	A	Misense_Mutation	0.4758825327510917	458	TRUE	1	Clonal
P-000525-T01-IM5	Papillary thyroid carcinoma	Primary	MEN1	I85Vfs*32	OncoKB: Likely Oncogenic	FALSE	11	64577329		A	Frame_Shift_Ins	0.16666666666666666	414	FALSE	0.37	Subclonal
P-000525-T01-IM5	Papillary thyroid carcinoma	Primary	CREBBP	Y182H*	OncoKB: Likely Oncogenic	FALSE	16	3779554	G	T	Nonsense_Mutation	0.3635928619286197	504	FALSE	1	Clonal
P-000525-T01-IM5	Papillary thyroid carcinoma	Primary	MEN1	P497Efs*34	OncoKB: Likely Oncogenic	FALSE	11	64572153	TGGGGCGGGGGGC		Frame_Shift_Del	0.10465116279069768	344	FALSE	0.23	Subclonal
P-000525-T01-IM5	Papillary thyroid carcinoma	Primary	TBK1	H626Vfs*6	OncoKB: Likely Oncogenic	FALSE	12	115110002	G		Frame_Shift_Del	0.29918032788885246	732	FALSE	0.97	Clonal
P-000525-T01-IM5	Papillary thyroid carcinoma	Primary	PXKARIA	V164Dfs*5	OncoKB: Unknown	FALSE	17	66520205	TG		Frame_Shift_Del	0.4074074074074074	270	TRUE	0.91	Clonal
P-000525-T01-IM5	Papillary thyroid carcinoma	Primary	RAD50	Q1158H	OncoKB: Unknown	FALSE	5	131972891	A	T	Misense_Mutation	0.297423887587822	427	FALSE	0.96	Clonal
P-000525-T01-IM5	Papillary thyroid carcinoma	Primary	FGFR4	R219H	OncoKB: Unknown	FALSE	5	176518738	G	A	Misense_Mutation	0.08211678832116788	548	FALSE	0.27	Subclonal
P-000525-T01-IM5	Papillary thyroid carcinoma	Primary	AXL	G83C	OncoKB: Unknown	FALSE	19	41765801	G	T	Misense_Mutation	0.05	260	FALSE	0.16	Subclonal
P-000525-T01-IM5	Papillary thyroid carcinoma	Primary	KDM5C	G529V	OncoKB: Unknown	FALSE	23	5328755	C	A	Misense_Mutation	0.589356121673004	263	TRUE	1	Clonal
P-000525-T01-IM5	Papillary thyroid carcinoma	Primary	NF1	D254_V266del	OncoKB: Unknown	FALSE	17	29505552	GTTTTCTGTAAGACCAAGCTA		In_Frame_Del	0.3236749784854106	207	TRUE	0.72	Subclonal
P-0005643-T01-IM5	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.19333333333333333	600	FALSE	0.96	Clonal
P-0005643-T01-IM5	Papillary thyroid carcinoma	Primary	PK3CA	H1047R	OncoKB: Oncogenic	TRUE	3	178952085	A	G	Misense_Mutation	0.10471204188481675	573	FALSE	0.52	Subclonal
P-0005643-T01-IM5	Papillary thyroid carcinoma	Primary	PTEN	R15K	OncoKB: Likely Oncogenic	FALSE	10	89624270	G	A	Misense_Mutation	0.10992330097087378	412	TRUE	0.43	Subclonal
P-0005643-T01-IM5	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.09621451100100946	634	FALSE	0.48	Subclonal
P-0005643-T01-IM5	Papillary thyroid carcinoma	Primary	APC	D103N	OncoKB: Unknown	FALSE	5	112174388	G	A	Misense_Mutation	0.0906862745098392	408	FALSE	0.45	Subclonal
P-0005748-T01-IM5	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.4590163944262296	305	FALSE	1	Clonal
P-0005748-T01-IM5	Papillary thyroid carcinoma	Primary	TP53	T123M	OncoKB: Inconclusive	TRUE	17	7579313	G	A	Misense_Mutation	0.0258020896551724	348	FALSE	0.14	Subclonal
P-0005831-T01-IM5	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.03771661569826707	981	FALSE	0.12	Subclonal
P-0006234-T01-IM5	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3059360730593607	438	FALSE	0.96	Clonal
P-0006234-T01-IM5	Papillary thyroid carcinoma	Primary	DIS3	R32Q	OncoKB: Likely Oncogenic	TRUE	13	7347956	C	T	Misense_Mutation	0.024390243902439025	309	FALSE	0.08	Subclonal
P-0006234-T01-IM5	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.3304747744807124	337	FALSE	1	Clonal
P-0006234-T01-IM5	Papillary thyroid carcinoma	Primary	NTRK1	S250N	OncoKB: Unknown	FALSE	1	35841464	A		Misense_Mutation	0.2570486928689884	603	FALSE	0.81	Clonal
P-0006234-T01-IM5	Papillary thyroid carcinoma	Primary	NSD1	L1048V	OncoKB: Unknown	FALSE	5	17668542	T	G	Misense_Mutation	0.33333333333333333	432	FALSE	1	Clonal
P-0006234-T01-IM5	Papillary thyroid carcinoma	Primary	KMT2A	N379T	OncoKB: Unknown	FALSE	11	118390740	A	G	Misense_Mutation	0.09780439121756487	501	FALSE	0.31	Subclonal
P-0006509-T01-IM5	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.1871657540106952	935	FALSE	1	Clonal
P-0006509-T01-IM5	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.1693735498839073	431	FALSE	1	Clonal
P-0006870-T01-IM5	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.21251502890584362	486	FALSE	1	Clonal
P-0006870-T01-IM5	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.19672131147540983	183	FALSE	0.65	Subclonal

P-000922-T02-IM5	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.463944262295082	610	TRUE	1	Clonal
P-000922-T02-IM5	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.50820628096551724	116	TRUE	1	Clonal
P-000977-T01-IM5	Papillary thyroid carcinoma	Primary	SMARCB1	F383R5*120	OncokB: Likely Oncogenic	FALSE	22	24176354	C		Frame_Shift_Del	0.4555912052631579	608	TRUE	1	Clonal
P-000977-T01-IM5	Papillary thyroid carcinoma	Primary	APC	R1171H*8	OncokB: Likely Oncogenic	FALSE	5	112174798		A	Frame_Shift_Ins	0.2792207792207792	308	FALSE	1	Clonal
P-000977-T01-IM5	Papillary thyroid carcinoma	Primary	APC	S982R1*23	OncokB: Likely Oncogenic	FALSE	5	112174232	C		Frame_Shift_Del	0.2216388390901318	379	FALSE	0.79	Subclonal
P-0007280-T01-IM5	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.2891566265060241	664	FALSE	0.97	Clonal
P-0007280-T01-IM5	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	GAGGG	AAGGA	5'Flank	0.3154364161073824	298	FALSE	1	Clonal
P-0007589-T01-IM5	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.2543554006968413	287	FALSE	0.61	Subclonal
P-0007589-T01-IM5	Papillary thyroid carcinoma	Primary	KEAP1	R260Q	OncokB: Likely Oncogenic	TRUE	19	10602799	C	T	Misense_Mutation	0.420750273234044	549	TRUE	1	Clonal
P-0007589-T01-IM5	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.31146067415730335	178	FALSE	0.8	Subclonal
P-0007589-T01-IM5	Papillary thyroid carcinoma	Primary	CIC	D50G	OncokB: Unknown	FALSE	19	42791004	A	G	Misense_Mutation	0.10233893177737882	557	TRUE	0.25	Subclonal
P-0007913-T01-IM5	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3227848101265823	474	FALSE	0.96	Clonal
P-0007913-T01-IM5	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.31083188318831884	101	FALSE	0.94	Clonal
P-0007913-T01-IM5	Papillary thyroid carcinoma	Primary	TET1	S1927A	OncokB: Unknown	FALSE	10	70450999	T	G	Misense_Mutation	0.355088999348534	307	FALSE	1	Clonal
P-0008123-T01-IM5	Papillary thyroid carcinoma	Primary	BRAF	G469A	OncokB: Oncogenic	TRUE	7	140481402	C	G	Misense_Mutation	0.41304347826084957	92	TRUE	1	Clonal
P-0009296-T01-IM5	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.0594959495949595	248	FALSE	0.3	Subclonal
P-0009296-T01-IM5	Papillary thyroid carcinoma	Primary	HLA-A	R30K	OncokB: Unknown	FALSE	6	29910549	G	A	Misense_Mutation	0.19170984455985848	193	FALSE	0.81	Clonal
P-0010106-T01-IM5	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.22435897455897437	624	FALSE	0.96	Clonal
P-0010108-T01-IM5	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.2521008403613445	238	FALSE	1	Clonal
P-0010564-T01-IM5	Papillary thyroid carcinoma	Primary	TSHR	S505R	OncokB: Unknown	FALSE	14	81699917	C	A	Misense_Mutation	0.2162485065710872	837	FALSE	1	Clonal
P-0012789-T01-IM5	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.225526418835192	807	FALSE	1	Clonal
P-0012789-T01-IM5	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.2550607287449393	247	FALSE	1	Clonal
P-0012839-T01-IM5	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.29767441860465116	430	FALSE	0.73	Subclonal
P-0012839-T01-IM5	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.40458035267175073	131	FALSE	0.99	Clonal
P-0014474-T01-IM6	Papillary thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Misense_Mutation	0.5194931773879142	1026	TRUE	1	Clonal
P-0014474-T01-IM6	Papillary thyroid carcinoma	Primary	TP53	H179R	OncokB: Likely Oncogenic	TRUE	17	7578394	T	C	Misense_Mutation	0.26786252730994154	855	FALSE	1	Clonal
P-0014474-T01-IM6	Papillary thyroid carcinoma	Primary	TP53	L93C5*30	OncokB: Likely Oncogenic	FALSE	17	7579410	G		Frame_Shift_Del	0.27872327672327673	1001	FALSE	1	Clonal
P-0016232-T02-IM5	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	G	A	5'Flank	0.3501782160278746	574	FALSE	1	Clonal
P-0016232-T02-IM5	Papillary thyroid carcinoma	Primary	RUNX1	P113A	OncokB: Unknown	FALSE	21	36259154	G	C	Misense_Mutation	0.2947658402038666	726	FALSE	0.86	Clonal
P-0016541-T01-IM6	Papillary thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Misense_Mutation	0.40428211586901763	1588	FALSE	1	Clonal
P-0016541-T01-IM6	Papillary thyroid carcinoma	Primary	PAK1	M457I	OncokB: Unknown	FALSE	11	77047173	C	T	Misense_Mutation	0.4137005837563452	1182	FALSE	1	Clonal
P-0016541-T01-IM6	Papillary thyroid carcinoma	Primary	FOXA1	A274T	OncokB: Unknown	FALSE	14	38061169	C	T	Misense_Mutation	0.3715586330275293	436	FALSE	0.92	Clonal
P-0017152-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.18181818181818182	715	FALSE	1	Clonal
P-0017152-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.2510204061632654	98	TRUE	1	Clonal
P-0017768-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3190045248888778	715	FALSE	1	Clonal
P-0017768-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.242051978973105135	98	FALSE	1	Clonal
P-0020154-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.275	520	FALSE	0.74	Subclonal
P-0020154-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	G	A	5'Flank	0.36917562724014336	558	FALSE	0.99	Clonal
P-0020550-T01-IM6	Papillary thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Misense_Mutation	0.4568245125348189	359	FALSE	1	Clonal
P-0020550-T01-IM6	Papillary thyroid carcinoma	Primary	CHK2	X265_splice	OncokB: Likely Oncogenic	FALSE	22	29106013	TTCTGTTTCAACATTGAGAGCTGGG		Splice_Site	0.296875	64	TRUE	0.35	Subclonal
P-0020824-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.36962750716932277	349	FALSE	1	Clonal
P-0020824-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.321266983257919	442	FALSE	0.9	Clonal
P-0020824-T01-IM6	Papillary thyroid carcinoma	Primary	TP53BP1	Q880*	OncokB: Likely Oncogenic	FALSE	15	43748768	G	A	Nonsense_Mutation	0.0503258064516129	775	FALSE	0.14	Subclonal
P-0020824-T01-IM6	Papillary thyroid carcinoma	Primary	MEN1	Q96R5*15	OncokB: Likely Oncogenic	FALSE	11	64577279	GACGGCCCTGGGATCT		Frame_Shift_Del	0.6953316953316954	407	FALSE	1	Clonal
P-0022796-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.2777777777777778	162	FALSE	1	Clonal
P-0022796-T01-IM6	Papillary thyroid carcinoma	Primary	RK3CA	E543K	OncokB: Oncogenic	TRUE	3	178936082	G	A	Misense_Mutation	0.2857142857142857	140	FALSE	1	Clonal
P-0022796-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.302013422818789395	149	FALSE	1	Clonal
P-0022796-T01-IM6	Papillary thyroid carcinoma	Primary	DNMT3A	R635Q	OncokB: Inconclusive	FALSE	2	25466799	C	T	Misense_Mutation	0.0226628895184136	353	FALSE	0.08	Subclonal
P-0023184-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3333333333333333	162	FALSE	1	Clonal
P-0023184-T01-IM6	Papillary thyroid carcinoma	Primary	AKT1	L52R	OncokB: Oncogenic	TRUE	14	10524644	A	C	Misense_Mutation	0.345375725433526	140	FALSE	1	Clonal
P-0023184-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.348623853210092	149	FALSE	1	Clonal
P-0023184-T01-IM6	Papillary thyroid carcinoma	Primary	TP53	G187S	OncokB: Likely Oncogenic	FALSE	17	7579371	C	T	Misense_Mutation	0.02197802197802198	353	FALSE	0.08	Subclonal
P-0024194-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.29652042360060515	661	FALSE	0.96	Clonal
P-0024194-T01-IM6	Papillary thyroid carcinoma	Primary	UZAF1	S34F	OncokB: Likely Oncogenic	TRUE	21	44524456	G	A	Misense_Mutation	0.15730337078651685	445	FALSE	0.51	Subclonal
P-0024194-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.3145038187938931	655	FALSE	1	Clonal
P-0025352-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.40476190476190477	420	FALSE	1	Clonal

P-002606-T01-IM6	Papillary thyroid carcinoma	Primary	MEN1	R521Pfs*15	OncoKB: Likely Oncogenic	FALSE	11	64572092		G	Frame_Shift_Ins	0.4442970822281167	754	TRUE	0.77	Subclonal
P-002606-T01-IM6	Papillary thyroid carcinoma	Primary	KEAP1	C518Yfs*8	OncoKB: Likely Oncogenic	FALSE	19	10600022	AC		Frame_Shift_Del	0.6113861386138614	808	FALSE	1	Clonal
P-002607-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.1346778794835007	697	FALSE	0.98	Clonal
P-002607-T01-IM6	Papillary thyroid carcinoma	Primary	RK3CA	E542K	OncoKB: Oncogenic	TRUE	3	178956082	G	A	Misense_Mutation	0.2517006802121885	588	FALSE	1	Clonal
P-002607-T01-IM6	Papillary thyroid carcinoma	Primary	NUP93	E14K	OncoKB: Likely Oncogenic	TRUE	16	56782199	G	A	Misense_Mutation	0.23728813599922035	649	FALSE	0.94	Clonal
P-002607-T01-IM6	Papillary thyroid carcinoma	Primary	PPM1D	N512Hfs*2	OncoKB: Likely Oncogenic	FALSE	17	58740624	A		Frame_Shift_Del	0.13287978142076501	915	FALSE	0.93	Clonal
P-002607-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.30434782608695654	644	FALSE	1	Clonal
P-0026281-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.1325281670428994	886	FALSE	0.87	Clonal
P-0026281-T01-IM6	Papillary thyroid carcinoma	Primary	RK3CA	E542K	OncoKB: Oncogenic	TRUE	3	178956082	G	A	Misense_Mutation	0.0232810502328105	657	FALSE	0.16	Subclonal
P-0026281-T01-IM6	Papillary thyroid carcinoma	Primary	EDNRA	W110*	OncoKB: Likely Oncogenic	FALSE	9	21971028	C	T	Nonsense_Mutation	0.1182051282051282	429	FALSE	0.89	Clonal
P-0026281-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295250	GAGGG	AAGGA	5'Flank	0.15666666666666668	300	FALSE	1	Clonal
P-0026281-T01-IM6	Papillary thyroid carcinoma	Primary	TP53BP1	L367V	OncoKB: Unknown	FALSE	15	43764952	G	C	Misense_Mutation	0.0962817837878379	592	FALSE	0.67	Subclonal
P-0026390-T01-IM6	Papillary thyroid carcinoma	Primary	NOTCH2	G329S	OncoKB: Unknown	FALSE	1	12051257	C	T	Misense_Mutation	0.167657053007728	841	FALSE	0.78	Subclonal
P-0026665-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.30113636363636365	176	FALSE	1	Clonal
P-0026665-T01-IM6	Papillary thyroid carcinoma	Primary	ATM	L2890V	OncoKB: Likely Oncogenic	TRUE	11	108218089	C	G	Misense_Mutation	0.09292929292929295	108	FALSE	0.32	Subclonal
P-0026665-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.282467522675225	308	FALSE	0.97	Clonal
P-0026665-T01-IM6	Papillary thyroid carcinoma	Primary	ATM	R2526G	OncoKB: Unknown	FALSE	11	10820221	A	G	Misense_Mutation	0.10909090909090909	165	FALSE	0.38	Subclonal
P-0027952-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.1639342622950818	488	FALSE	0.99	Clonal
P-0027952-T01-IM6	Papillary thyroid carcinoma	Primary	CDC73	P285R	OncoKB: Unknown	FALSE	1	193119459	C	G	Misense_Mutation	0.14454454454454454	505	TRUE	0.87	Clonal
P-0028431-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.23375656565656569	341	FALSE	0.84	Clonal
P-0028431-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295250	G	A	5'Flank	0.03886825795053	283	FALSE	1	Clonal
P-0028431-T01-IM6	Papillary thyroid carcinoma	Primary	RK3CA	Q787H	OncoKB: Unknown	FALSE	12	18576953	G	T	Misense_Mutation	0.18258462696292135	356	FALSE	0.64	Subclonal
P-0028431-T01-IM6	Papillary thyroid carcinoma	Primary	ZHX3	A1765T	OncoKB: Unknown	FALSE	16	72831288	C	T	Misense_Mutation	0.08587257617728532	361	FALSE	0.3	Subclonal
P-0028440-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.260895652173913	368	FALSE	1	Clonal
P-0028440-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.38961038961038963	231	FALSE	1	Clonal
P-0028440-T01-IM6	Papillary thyroid carcinoma	Primary	RAO50	Q233*	OncoKB: Likely Oncogenic	FALSE	5	131915699	C	T	Nonsense_Mutation	0.11475498308605574	368	TRUE	0.44	Subclonal
P-0029057-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3558951965065302	458	FALSE	1	Clonal
P-0029057-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.3392857142857143	448	FALSE	1	Clonal
P-0029057-T01-IM6	Papillary thyroid carcinoma	Primary	PPM1D	R583*	OncoKB: Likely Oncogenic	FALSE	17	58740842	A	T	Nonsense_Mutation	0.3107890499194847	621	FALSE	0.91	Clonal
P-0029057-T01-IM6	Papillary thyroid carcinoma	Primary	HNF1A	F213L	OncoKB: Unknown	FALSE	12	121431441	C	A	Misense_Mutation	0.06639499170812604	603	FALSE	0.19	Subclonal
P-0029057-T01-IM6	Papillary thyroid carcinoma	Primary	BRP1	L719M	OncoKB: Unknown	FALSE	17	58821895	A	T	Misense_Mutation	0.3289183229580575	453	FALSE	0.97	Clonal
P-0029118-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600_K601delinsE	OncoKB: Likely Oncogenic	TRUE	7	140453134	TCA		In_Frame_Del	0.403508308605341	337	FALSE	0.98	Clonal
P-0029118-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.41621621621621624	370	FALSE	1	Clonal
P-0029118-T01-IM6	Papillary thyroid carcinoma	Primary	RHEB	S4C	OncoKB: Unknown	FALSE	7	151216587	C	C	Misense_Mutation	0.11446519191139472	233	FALSE	0.3	Subclonal
P-0029479-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3368809936034115	489	FALSE	1	Clonal
P-0029479-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.3179947368421053	475	FALSE	0.95	Clonal
P-0029479-T01-IM6	Papillary thyroid carcinoma	Primary	ROS1	S56L	OncoKB: Unknown	FALSE	6	117710578	G	A	Misense_Mutation	0.3387751020408164	490	FALSE	1	Clonal
P-0029772-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.32571428571428573	350	FALSE	0.84	Clonal
P-0029772-T01-IM6	Papillary thyroid carcinoma	Primary	UZAF1	S34F	OncoKB: Likely Oncogenic	TRUE	21	44524456	G	A	Misense_Mutation	0.3115577889472363	398	FALSE	0.8	Subclonal
P-0029772-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.35714285714285715	378	FALSE	0.92	Clonal
P-0029772-T01-IM6	Papillary thyroid carcinoma	Primary	ERCC4	A36T	OncoKB: Unknown	FALSE	16	14014128	G	A	Misense_Mutation	0.3985265474068823	559	FALSE	1	Clonal
P-0029922-T01-IM6	Papillary thyroid carcinoma	Primary	NRAS	Q61R	OncoKB: Oncogenic	TRUE	1	115256529	T	C	Misense_Mutation	0.45131375579598143	647	FALSE	1	Clonal
P-0030022-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.218120803691275	298	FALSE	0.9	Clonal
P-0030022-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.26700251889168763	397	FALSE	1	Clonal
P-0030022-T01-IM6	Papillary thyroid carcinoma	Primary	DNMT3A	F290V	OncoKB: Likely Oncogenic	FALSE	2	2547066	A	C	Misense_Mutation	0.178452296819788	566	FALSE	0.73	Subclonal
P-0030022-T01-IM6	Papillary thyroid carcinoma	Primary	NKX3-1	X96_splice	OncoKB: Likely Oncogenic	FALSE	8	23539153	C	T	Splice_Site	0.23252525252525253	222	FALSE	1	Clonal
P-0030022-T01-IM6	Papillary thyroid carcinoma	Primary	PFOH1	R322K	OncoKB: Unknown	FALSE	9	98242323	C	T	Misense_Mutation	0.233201581027688	253	TRUE	0.73	Subclonal
P-0030022-T01-IM6	Papillary thyroid carcinoma	Primary	EPHA7	L291I	OncoKB: Unknown	FALSE	6	94068991	G	T	Misense_Mutation	0.2556058116939193	223	FALSE	1	Clonal
P-0030022-T01-IM6	Papillary thyroid carcinoma	Primary	STAT5A	E391K	OncoKB: Unknown	FALSE	17	40456361	G	A	Misense_Mutation	0.12912087912087913	364	FALSE	0.53	Subclonal
P-0030022-T01-IM6	Papillary thyroid carcinoma	Primary	KMT2D	E1285Q	OncoKB: Unknown	FALSE	12	49443518	C	G	Misense_Mutation	0.06157635467980296	406	FALSE	0.25	Subclonal
P-0030683-T01-IM6	Papillary thyroid carcinoma	Primary	KEAP1	I519Mfs*12	OncoKB: Likely Oncogenic	FALSE	19	10600016	ATAG		Frame_Shift_Del	0.46218487394957986	476	TRUE	0.83	Clonal
P-0030707-T01-IM6	Papillary thyroid carcinoma	Primary	NRAS	Q61R	OncoKB: Oncogenic	TRUE	1	115256529	T	C	Misense_Mutation	0.1357460805106383	705	FALSE	0.55	Subclonal
P-0031388-T02-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.4075471698113208	265	FALSE	0.96	Clonal
P-0031388-T02-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.4477124183006536	306	FALSE	1	Clonal
P-0031388-T02-IM6	Papillary thyroid carcinoma	Primary	INPPL1	S656F	OncoKB: Unknown	FALSE	11	71944134	C	T	Misense_Mutation	0.41100917411192663	545	FALSE	0.97	Clonal
P-0031388-T02-IM6	Papillary thyroid carcinoma	Primary	ETV6	P61L	OncoKB: Unknown	FALSE	12	11992152	C	T	Misense_Mutation	0.40974729241877256	554	FALSE	1	Clonal

P.0031446-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.452991452991453	468	FALSE	1	Clonal
P.0031446-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.37037037037037035	324	FALSE	0.83	Clonal
P.0031554-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.483430799202729	513	FALSE	1	Clonal
P.0031554-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.4473688210262616	484	FALSE	0.99	Clonal
P.0031554-T01-IM6	Papillary thyroid carcinoma	Primary	TAP2	S373C	OncokB: Unknown	FALSE	6	3280504	G	C	Missense_Mutation	0.4247422680412371	970	FALSE	0.94	Clonal
P.0032549-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.2755102040816326	294	FALSE	0.82	Clonal
P.0032549-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.3356401384083045	289	FALSE	1	Clonal
P.0032672-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.20565552699228792	389	FALSE	0.94	Clonal
P.0032672-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.238955172437393	290	FALSE	1	Clonal
P.0033106-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600_K601delinsE	OncokB: Likely Oncogenic	TRUE	7	140453134	TCA		In_Frame_Del	0.2896907216494845	291	FALSE	1	Clonal
P.0033106-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.2737891304347826	276	FALSE	0.94	Clonal
P.0033106-T01-IM6	Papillary thyroid carcinoma	Primary	PK3CD	G95S	OncokB: Unknown	FALSE	1	9784869	G	A	Missense_Mutation	0.175	520	FALSE	0.61	Subclonal
P.0033121-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600_K601delinsE	OncokB: Likely Oncogenic	TRUE	7	140453134	TCA		In_Frame_Del	0.776470582352941	340	TRUE	1	Clonal
P.0033121-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.4447236189045224	398	FALSE	1	Clonal
P.0033121-T01-IM6	Papillary thyroid carcinoma	Primary	STAG2	E94*	OncokB: Likely Oncogenic	FALSE	23	123217296	G	T	Nonsense_Mutation	0.7485539748553975	239	TRUE	1	Clonal
P.0033197-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.1518987341772152	237	FALSE	0.73	Subclonal
P.0033914-T03-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.350993774834437	453	FALSE	1	Clonal
P.0033914-T03-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.31116883116883117	462	FALSE	0.95	Clonal
P.0033914-T03-IM6	Papillary thyroid carcinoma	Primary	NOTCH3	C478R	OncokB: Unknown	FALSE	19	15299106	A	G	Missense_Mutation	0.3029966703662597	901	FALSE	0.87	Clonal
P.0033914-T03-IM6	Papillary thyroid carcinoma	Primary	KMT2C	V2707F	OncokB: Unknown	FALSE	7	151874419	C	A	Missense_Mutation	0.3355555555555557	405	FALSE	1	Clonal
P.0033928-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.235020414746544	217	FALSE	0.73	Subclonal
P.0033928-T01-IM6	Papillary thyroid carcinoma	Primary	NF1	Q243*	OncokB: Likely Oncogenic	FALSE	17	29546122	C	T	Nonsense_Mutation	0.2647056823529412	308	TRUE	0.82	Clonal
P.0033928-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295242	GG	AA	5'Flank	0.328719721183391	289	FALSE	1	Clonal
P.0033928-T01-IM6	Papillary thyroid carcinoma	Primary	MPL	A490T	OncokB: Likely Oncogenic	FALSE	1	43814673	G	A	Missense_Mutation	0.05504387155961303	218	FALSE	0.16	Subclonal
P.0034615-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.22972972972972974	444	FALSE	0.99	Clonal
P.0034682-T01-IM6	Papillary thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Missense_Mutation	0.08827044979578392	759	FALSE	0.38	Subclonal
P.0034800-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.3866432337434095	569	FALSE	1	Clonal
P.0034800-T01-IM6	Papillary thyroid carcinoma	Primary	CD84	R34L	OncokB: Likely Oncogenic	TRUE	12	58145430	C	A	Missense_Mutation	0.35619047618047617	525	FALSE	0.96	Clonal
P.0034800-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.7319587628865979	388	FALSE	1	Clonal
P.0034800-T01-IM6	Papillary thyroid carcinoma	Primary	SETD2	Q199E*	OncokB: Likely Oncogenic	FALSE	3	47125278	G	A	Nonsense_Mutation	0.1597560975609756	820	FALSE	0.43	Subclonal
P.0034800-T01-IM6	Papillary thyroid carcinoma	Primary	DOT1L	Y63C	OncokB: Unknown	FALSE	19	2185916	A	G	Missense_Mutation	0.37660485021398005	701	FALSE	1	Clonal
P.0034800-T01-IM6	Papillary thyroid carcinoma	Primary	DICER1	V1740F	OncokB: Unknown	FALSE	14	9556071	C	A	Missense_Mutation	0.15084745762711865	590	FALSE	0.41	Subclonal
P.0034800-T01-IM6	Papillary thyroid carcinoma	Primary	KMT2C	N147S	OncokB: Unknown	FALSE	7	151891608	A	A	Missense_Mutation	0.1778862069651172	580	FALSE	0.48	Subclonal
P.0036366-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.260895652179313	322	FALSE	1	Clonal
P.0036366-T01-IM6	Papillary thyroid carcinoma	Primary	ERBB2	M687I	OncokB: Unknown	FALSE	17	37879686	G	A	Missense_Mutation	0.1388888888888889	612	FALSE	0.98	Clonal
P.0036406-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.26590909090909093	440	FALSE	0.87	Clonal
P.0036442-T01-IM6	Papillary thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Missense_Mutation	0.2690513219284603	643	FALSE	0.96	Clonal
P.0036442-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.3125	96	FALSE	1	Clonal
P.0036442-T01-IM6	Papillary thyroid carcinoma	Primary	PDGFRB	X822_splice	OncokB: Unknown	FALSE	5	149500574	C	T	Splice_Site	0.2836676231765043	349	TRUE	0.72	Subclonal
P.0036853-T01-IM6	Papillary thyroid carcinoma	Primary	HRAS	Q61R	OncokB: Likely Oncogenic	TRUE	11	532874	T	C	Missense_Mutation	0.40292683784665579	613	FALSE	1	Clonal
P.0036853-T01-IM6	Papillary thyroid carcinoma	Primary	PRKX	G7R	OncokB: Unknown	FALSE	8	68844648	G	A	Missense_Mutation	0.32105263157894737	190	FALSE	0.81	Clonal
P.0036958-T01-IM6	Papillary thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Missense_Mutation	0.425	400	FALSE	1	Clonal
P.0036958-T01-IM6	Papillary thyroid carcinoma	Primary	EIF4A2	I252V	OncokB: Unknown	FALSE	3	18650417	A	G	Missense_Mutation	0.205980664451827	301	FALSE	0.72	Subclonal
P.0036958-T01-IM6	Papillary thyroid carcinoma	Primary	FOXA1	I421K	OncokB: Unknown	FALSE	14	38060728	C	T	Missense_Mutation	0.212806263653484	531	FALSE	0.72	Subclonal
P.0037287-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.3057432432424326	592	FALSE	0.87	Clonal
P.0037610-T01-IM6	Papillary thyroid carcinoma	Primary	CYLD	L604F	OncokB: Unknown	FALSE	16	50816372	A	T	Missense_Mutation	0.32011331444759206	353	FALSE	0.9	Clonal
P.0037610-T01-IM6	Papillary thyroid carcinoma	Primary	MSH3	D1037G	OncokB: Unknown	FALSE	5	80160741	A	G	Missense_Mutation	0.372427885390947	488	FALSE	1	Clonal
P.0038095-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.1947743467934918	421	FALSE	1	Clonal
P.0038186-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.14619883040935672	513	FALSE	0.72	Subclonal
P.0038229-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.1798245140350878	228	FALSE	0.73	Subclonal
P.0038258-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.19696969696969696	462	FALSE	0.91	Clonal
P.0038258-T01-IM6	Papillary thyroid carcinoma	Primary	AKT1	E17K	OncokB: Oncogenic	TRUE	14	105246551	C	T	Missense_Mutation	0.2262027931769723	499	FALSE	1	Clonal
P.0038326-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.2660504587155865	327	FALSE	0.87	Clonal
P.0038334-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.37962962962962965	540	FALSE	1	Clonal
P.0038334-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.2846715328467153	137	TRUE	1	Clonal
P.0038334-T01-IM6	Papillary thyroid carcinoma	Primary	STAG2	R1012*	OncokB: Likely Oncogenic	FALSE	23	123217380	C	T	Nonsense_Mutation	0.6487804878048781	205	TRUE	1	Clonal

P.003834-T01-IM6	Papillary thyroid carcinoma	Primary	ZFXO3	F57L	OncokB: Unknown	FALSE	16	72993874	G	T	Misense_Mutation	0.16905444126074498	349	FALSE	0.9	Clonal
P.003837-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3985533453887886	553	FALSE	1	Clonal
P.003839-T01-IM6	Papillary thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	11526529	T	C	Misense_Mutation	0.173975741229892	742	FALSE	1	Clonal
P.003853-T01-IM6	Papillary thyroid carcinoma	Primary	NRAS	Q61K	OncokB: Oncogenic	TRUE	11	53875	G	T	Misense_Mutation	0.022897260273972626	876	FALSE	0.13	Subclonal
P.0038725-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.24	575	FALSE	0.73	Subclonal
P.0039210-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.17582417582417584	364	FALSE	1	Clonal
P.0039210-T01-IM6	Papillary thyroid carcinoma	Primary	PDGFRA	R52H	OncokB: Unknown	FALSE	4	55140704	G	A	Misense_Mutation	0.14564831261101244	563	FALSE	0.9	Clonal
P.0039212-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	G469A	OncokB: Oncogenic	TRUE	7	140481402	C	G	Misense_Mutation	0.09702970297029703	505	FALSE	0.25	Subclonal
P.0039548-T01-IM6	Papillary thyroid carcinoma	Primary	BC16	R279Q	OncokB: Unknown	FALSE	3	187447384	C	T	Misense_Mutation	0.222525237846791	966	FALSE	0.72	Subclonal
P.0039632-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.06906060606060607	333	FALSE	0.16	Subclonal
P.0039675-T01-IM6	Papillary thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	11526529	T	C	Misense_Mutation	0.297551789077128	531	FALSE	0.98	Clonal
P.0039675-T01-IM6	Papillary thyroid carcinoma	Primary	PPM1D	T506Nfs*22	OncokB: Likely Oncogenic	FALSE	17	58740610		A	Frame_Shift_Ins	0.0865671647191048	335	FALSE	0.29	Subclonal
P.0039675-T01-IM6	Papillary thyroid carcinoma	Primary	KMT2C	V162M	OncokB: Unknown	FALSE	7	15184891	C	T	Misense_Mutation	0.309819509202454	326	FALSE	1	Clonal
P.0039682-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.34961493868895	389	FALSE	0.95	Clonal
P.0039682-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.3962264150943965	265	FALSE	1	Clonal
P.0039682-T01-IM6	Papillary thyroid carcinoma	Primary	SMARCA4	Q2182*	OncokB: Likely Oncogenic	FALSE	19	11141567	C	T	Nonsense_Mutation	0.368881118881189	572	FALSE	1	Clonal
P.0039717-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.24145299145299146	936	FALSE	0.98	Clonal
P.0039717-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.26141078838174275	241	FALSE	1	Clonal
P.0039717-T01-IM6	Papillary thyroid carcinoma	Primary	STAT3	N64K	OncokB: Unknown	FALSE	17	4047463	G	T	Misense_Mutation	0.18867924528301888	848	FALSE	0.77	Subclonal
P.0039862-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.1412429378310735	531	FALSE	0.41	Subclonal
P.0040036-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.134651724137931	484	FALSE	1	Clonal
P.0040148-T01-IM6	Papillary thyroid carcinoma	Primary	SYK	T236M	OncokB: Unknown	FALSE	9	93624616	C	T	Misense_Mutation	0.38122460536984674	522	TRUE	0.99	Clonal
P.0040148-T01-IM6	Papillary thyroid carcinoma	Primary	SUZ12	G163S	OncokB: Unknown	FALSE	17	30291917	G	A	Misense_Mutation	0.05507246376811594	345	TRUE	0.14	Subclonal
P.0040391-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.19281045751633988	306	FALSE	1	Clonal
P.0040391-T01-IM6	Papillary thyroid carcinoma	Primary	STK40	G227W	OncokB: Unknown	FALSE	1	36814361	C	A	Misense_Mutation	0.16168898043254376	971	FALSE	0.95	Clonal
P.0040446-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.26789366053169733	489	FALSE	0.81	Clonal
P.0041065-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.04488778054862843	401	FALSE	0.16	Subclonal
P.0041117-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3010471204138482	382	FALSE	1	Clonal
P.0041117-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.4441260749856734	349	TRUE	1	Clonal
P.0041124-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.06862745089039216	408	FALSE	0.16	Subclonal
P.0041126-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.2404315846994534	366	FALSE	0.75	Subclonal
P.0042078-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.29356060606060606	528	FALSE	0.98	Clonal
P.0042078-T01-IM6	Papillary thyroid carcinoma	Primary	ARID1A	G1083Wfs*11	OncokB: Likely Oncogenic	FALSE	1	27097653		TG	Frame_Shift_Ins	0.181818181818182	858	FALSE	1	Clonal
P.0042078-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.237356321283908044	522	FALSE	0.96	Clonal
P.0042078-T01-IM6	Papillary thyroid carcinoma	Primary	RAB5	T329fs*79	OncokB: Unknown	FALSE	12	120546229	GT		Frame_Shift_Del	0.29117259552042163	759	FALSE	0.97	Clonal
P.0042078-T01-IM6	Papillary thyroid carcinoma	Primary	ABL1	S718Afs*55	OncokB: Unknown	FALSE	9	133759828	CTCCGCCTCC		Frame_Shift_Del	0.2842767295997484	795	FALSE	0.95	Clonal
P.0042555-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.17254901960784313	255	FALSE	0.72	Subclonal
P.0043062-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3383233333333333	334	FALSE	1	Clonal
P.0043062-T01-IM6	Papillary thyroid carcinoma	Primary	AKT1	E17K	OncokB: Oncogenic	TRUE	14	105246551	E17K		Misense_Mutation	0.08333333333333333	468	FALSE	0.26	Subclonal
P.0043062-T01-IM6	Papillary thyroid carcinoma	Primary	TP53	G244D	OncokB: Likely Oncogenic	TRUE	17	7573550	C	T	Misense_Mutation	0.03156146179401295	602	FALSE	0.1	Subclonal
P.0043062-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.27972027972027974	286	FALSE	0.86	Clonal
P.0043239-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.2568027210884354	588	FALSE	0.86	Clonal
P.0044037-T01-IM6	Papillary thyroid carcinoma	Primary	KRAS	Q61R	OncokB: Oncogenic	TRUE	12	25380276	T	C	Misense_Mutation	0.3774508903921585	204	FALSE	1	Clonal
P.0044151-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.12455516014234876	281	FALSE	0.93	Clonal
P.0044151-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.13562091503267973	612	FALSE	1	Clonal
P.0044194-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3364485981308411	463	FALSE	0.94	Clonal
P.0044194-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.2602789726027897	702	FALSE	1	Clonal
P.0044194-T01-IM6	Papillary thyroid carcinoma	Primary	BLM	T1179fs*3	OncokB: Likely Oncogenic	FALSE	15	91346925			Frame_Shift_Del	0.14444444444444443	658	FALSE	1	Clonal
P.0044194-T01-IM6	Papillary thyroid carcinoma	Primary	CD79B	E103K	OncokB: Unknown	FALSE	17	62007560	C	T	Misense_Mutation	0.06149251396648045	179	FALSE	0.16	Subclonal
P.0044194-T01-IM6	Papillary thyroid carcinoma	Primary	ARID1B	T1586M	OncokB: Unknown	FALSE	6	157522485	C	T	Misense_Mutation	0.05284615384615384	208	FALSE	0.14	Subclonal
P.0044194-T01-IM6	Papillary thyroid carcinoma	Primary	CBL	Q82H	OncokB: Unknown	FALSE	11	119170416	G	C	Misense_Mutation	0.11965811965811966	117	FALSE	0.41	Subclonal
P.0044194-T01-IM6	Papillary thyroid carcinoma	Primary	YAP1	Q275H	OncokB: Unknown	FALSE	11	10207646	G	C	Misense_Mutation	0.3064516129032258	124	FALSE	1	Clonal
P.0044290-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.110950232397408208	463	FALSE	0.94	Clonal
P.0044290-T01-IM6	Papillary thyroid carcinoma	Primary	AKT1	E17K	OncokB: Oncogenic	TRUE	14	105246551	C	T	Misense_Mutation	0.22384672346723464	702	FALSE	1	Clonal
P.0044290-T01-IM6	Papillary thyroid carcinoma	Primary	TRAF2	Y382C	OncokB: Unknown	FALSE	9	139818310	A	G	Misense_Mutation	0.13677811500151975	658	FALSE	1	Clonal
P.0046301-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.022448975991836731	490	FALSE	0.08	Subclonal

P-004684-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.17142857142857143	210	FALSE	0.72	Subclonal
P-004791-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.1584645762711865	472	FALSE	0.96	Clonal
P-004791-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.15384645384615385	273	TRUE	0.68	Subclonal
P-004791-T01-IM6	Papillary thyroid carcinoma	Primary	ERBB2	Q520E	OncokB: Unknown	FALSE	17	37881129	C	G	Misense_Mutation	0.18610421836228289	806	FALSE	1	Clonal
P-004865-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.19217081850533807	281	FALSE	0.96	Clonal
P-004865-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2014388489208633	278	FALSE	1	Clonal
P-004936-T01-IM6	Papillary thyroid carcinoma	Primary	NUP93	E14K	OncokB: Likely Oncogenic	TRUE	16	56782199	G	A	Misense_Mutation	0.306664880112835	709	FALSE	1	Clonal
P-004936-T01-IM6	Papillary thyroid carcinoma	Primary	NUP93	Q15*	OncokB: Unknown	FALSE	16	56782202	C	T	Nonsense_Mutation	0.29508196721311475	732	FALSE	0.98	Clonal
P-004951-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.46647202320269706	343	FALSE	1	Clonal
P-005011-T01-IM6	Papillary thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3253424657534247	292	FALSE	0.89	Clonal
P-005011-T01-IM6	Papillary thyroid carcinoma	Primary	NUP93	E14K	OncokB: Likely Oncogenic	TRUE	16	56782199	G	A	Misense_Mutation	0.37642585513308	526	FALSE	1	Clonal
P-005011-T01-IM6	Papillary thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.3706293706293706	143	TRUE	0.65	Subclonal
P-000240-T01-IM3	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.23709369024856597	523	FALSE	0.79	Subclonal
P-000240-T01-IM3	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.6	430	FALSE	1	Clonal
P-000354-T01-IM3	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.09024902490249024	410	FALSE	0.34	Subclonal
P-000976-T01-IM3	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.13112033195020747	1205	FALSE	0.94	Clonal
P-000976-T01-IM3	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.14785922217898833	257	FALSE	1	Clonal
P-001498-T02-IM3	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.040229885057471264	348	FALSE	0.17	Subclonal
P-0002141-T01-IM3	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3492695883134304	480	FALSE	0.99	Clonal
P-0002141-T01-IM3	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	Misense_Mutation	0.33344427596206885	75	FALSE	1	Clonal
P-0002141-T01-IM3	Papillary thyroid carcinoma	Metastasis	RBM10	Q689R1*18	OncokB: Likely Oncogenic	FALSE	23	47044973	CAGTCCCGACAA		DEL	0.7365079365079366	83	TRUE	1	Clonal
P-0002141-T01-IM3	Papillary thyroid carcinoma	Metastasis	AXL1	P1259A	OncokB: Unknown	FALSE	20	31024290	A	G	Misense_Mutation	0.18993506493506493	499	FALSE	0.54	Subclonal
P-0002150-T01-IM3	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.02427184460194174	1030	FALSE	0.07	Subclonal
P-0002674-T01-IM3	Papillary thyroid carcinoma	Metastasis	CDKN2A	Y4*	OncokB: Likely Oncogenic	FALSE	9	21974695	G		Frame_Shift_Del	0.2270861833105335	711	TRUE	1	Clonal
P-0002674-T01-IM3	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	GAGGG	AAGGA	S'Flank	0.404099560761347	683	FALSE	1	Clonal
P-0002674-T01-IM3	Papillary thyroid carcinoma	Metastasis	TP53	X186_splice	OncokB: Likely Oncogenic	FALSE	17	7578360	CAGTCTCCACCAT		Splice_Site	0.2386546218487396	595	TRUE	1	Clonal
P-0002674-T01-IM3	Papillary thyroid carcinoma	Metastasis	PTRF	G1216W	OncokB: Unknown	FALSE	20	40730889	C	A	Misense_Mutation	0.17462311557788845	796	FALSE	1	Clonal
P-0003330-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.27801724137931033	464	FALSE	0.89	Clonal
P-0005293-T01-IM5	Papillary thyroid carcinoma	Metastasis	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	115236530	G	T	Misense_Mutation	0.3973834651600753	531	FALSE	1	Clonal
P-0005293-T01-IM5	Papillary thyroid carcinoma	Metastasis	EFLAX	X113_splice	OncokB: Likely Oncogenic	TRUE	23	20148727	T	A	Splice_Site	0.3247011952191235	502	FALSE	0.82	Clonal
P-0005293-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2844827586206867	116	TRUE	0.72	Subclonal
P-0005935-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.061124649476528114	409	FALSE	0.17	Subclonal
P-0006164-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.311154988258317	511	FALSE	1	Clonal
P-0006164-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2496194824961948	657	FALSE	0.85	Clonal
P-0006164-T01-IM5	Papillary thyroid carcinoma	Metastasis	CD374	L190V	OncokB: Unknown	FALSE	9	5463007	C	G	Misense_Mutation	0.2856512648231344	506	FALSE	0.98	Clonal
P-0006178-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.09962406015097999	532	FALSE	0.72	Subclonal
P-0006178-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.07142857142857142	210	FALSE	0.52	Subclonal
P-0006178-T01-IM5	Papillary thyroid carcinoma	Metastasis	DOT1L	T790M	OncokB: Unknown	FALSE	19	2216725	C	T	Misense_Mutation	0.08571428571428572	385	FALSE	0.62	Subclonal
P-0006178-T01-IM5	Papillary thyroid carcinoma	Metastasis	ARID1A	L2009F	OncokB: Unknown	FALSE	1	27104414	C	T	Misense_Mutation	0.088709677443935484	372	FALSE	0.64	Subclonal
P-0006178-T01-IM5	Papillary thyroid carcinoma	Metastasis	PGR	L4V	OncokB: Unknown	FALSE	11	10099792	G	C	Misense_Mutation	0.1313546099831366	593	FALSE	0.95	Clonal
P-0006665-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3195364238410596	604	FALSE	0.96	Clonal
P-0006665-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.350253807106599	394	FALSE	1	Clonal
P-0006852-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.42857142857142855	980	FALSE	1	Clonal
P-0006852-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.5182291666666666	384	FALSE	1	Clonal
P-0006852-T01-IM5	Papillary thyroid carcinoma	Metastasis	KDMSA	W1219C	OncokB: Unknown	FALSE	23	48949096	G	C	Misense_Mutation	0.7436305724884076	628	TRUE	1	Clonal
P-0006852-T01-IM5	Papillary thyroid carcinoma	Metastasis	VTCN1	I133M	OncokB: Unknown	FALSE	1	117699242	G	C	Misense_Mutation	0.4153846153846154	845	FALSE	0.97	Clonal
P-0006852-T01-IM5	Papillary thyroid carcinoma	Metastasis	SETD2	H1586D	OncokB: Unknown	FALSE	3	47145750	G	C	Misense_Mutation	0.36927631861152143	677	FALSE	0.86	Clonal
P-0007382-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.25	332	FALSE	1	Clonal
P-0007382-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.207373271889409	217	FALSE	0.85	Clonal
P-0008567-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.561290325806452	775	FALSE	1	Clonal
P-0010509-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.24091520861372812	743	FALSE	0.99	Clonal
P-0010509-T01-IM5	Papillary thyroid carcinoma	Metastasis	MTOR	L1460P	OncokB: Oncogenic	TRUE	1	11217299	A	G	Misense_Mutation	0.19488188976377951	508	TRUE	0.61	Subclonal
P-0010509-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	GAGGG	AAGGA	S'Flank	0.2197369417043587	223	TRUE	0.68	Subclonal

P-0010142-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.37176165803108807	772	FALSE	0.99	Clonal
P-0010143-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.38169642857142855	448	FALSE	1	Clonal
P-0010158-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.398306557377049	610	FALSE	1	Clonal
P-0010159-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.530974513274337	113	TRUE	1	Clonal
P-0010159-T01-IM5	Papillary thyroid carcinoma	Metastasis	DNMT3A	F753L	OncokB: Unknown	FALSE	2	2542237	G	C	Misense_Mutation	0.07231257550281466	491	FALSE	0.22	Subclonal
P-0010687-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.31133004926108376	1015	FALSE	1	Clonal
P-0011106-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.2736156351791531	614	FALSE	0.97	Clonal
P-0011106-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2324028097165992	247	FALSE	1	Clonal
P-0012180-T02-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.282329411764706	680	FALSE	1	Clonal
P-0012180-T02-IM5	Papillary thyroid carcinoma	Metastasis	TP53	R280T	OncokB: Likely Oncogenic	TRUE	17	7577099	C	G	Misense_Mutation	0.6024208566108007	1074	TRUE	1	Clonal
P-0012180-T02-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.4255813953488372	430	FALSE	1	Clonal
P-0012180-T02-IM5	Papillary thyroid carcinoma	Metastasis	AKT2	E17K	OncokB: Oncogenic	FALSE	19	4076299	C	T	Misense_Mutation	0.2875	480	TRUE	0.86	Clonal
P-0012180-T02-IM5	Papillary thyroid carcinoma	Metastasis	ERCC2	T749M	OncokB: Unknown	FALSE	19	45854924	A	A	Misense_Mutation	0.13679890560875513	731	TRUE	0.41	Subclonal
P-0012180-T02-IM5	Papillary thyroid carcinoma	Metastasis	CWK12	V724M	OncokB: Unknown	FALSE	17	3764905	G	A	Misense_Mutation	0.5006359471121418	765	TRUE	1	Clonal
P-0013382-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.45760669565217394	920	FALSE	0.99	Clonal
P-0013382-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	G	A	S'Flank	0.5490196078431373	663	FALSE	1	Clonal
P-0013382-T01-IM5	Papillary thyroid carcinoma	Metastasis	MGA	R1085Sfs*4	OncokB: Likely Oncogenic	FALSE	15	42005513	GAAA		Frame_Shift_Del	0.4133961690962099	1715	FALSE	0.89	Clonal
P-0013382-T01-IM5	Papillary thyroid carcinoma	Metastasis	RBM10	Y54*	OncokB: Likely Oncogenic	FALSE	23	47041372	C	G	Nonsense_Mutation	0.9180722891566265	830	TRUE	1	Clonal
P-0013382-T01-IM5	Papillary thyroid carcinoma	Metastasis	LATS2	P390L	OncokB: Unknown	FALSE	13	21562750	G	A	Misense_Mutation	0.5069252077562327	361	FALSE	1	Clonal
P-0013382-T01-IM5	Papillary thyroid carcinoma	Metastasis	NUP93	R376L	OncokB: Unknown	FALSE	16	5685795	G	T	Misense_Mutation	0.40981023576768255	1739	FALSE	1	Clonal
P-0013847-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.416551724137831	725	FALSE	0.99	Clonal
P-0013847-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.320463204633205	259	FALSE	1	Clonal
P-0013847-T01-IM5	Papillary thyroid carcinoma	Metastasis	SETD2	R1879C	OncokB: Unknown	FALSE	3	47123635	G	A	Misense_Mutation	0.3485513608428446	1139	FALSE	0.83	Clonal
P-0013847-T01-IM5	Papillary thyroid carcinoma	Metastasis	SRSF2	S2Ufs*67	OncokB: Unknown	FALSE	17	7473238	CT		Frame_Shift_Del	0.39791183294663574	862	FALSE	0.95	Clonal
P-0014770-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.33535335353535354	693	FALSE	1	Clonal
P-0014770-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2767527675276753	271	TRUE	1	Clonal
P-0014770-T01-IM6	Papillary thyroid carcinoma	Metastasis	MAPK1	K48E	OncokB: Unknown	FALSE	22	22102113	T	C	Misense_Mutation	0.4166666666666667	528	FALSE	1	Clonal
P-0015042-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.12562814070351758	597	FALSE	0.87	Clonal
P-0015042-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.14594945945945955	370	FALSE	1	Clonal
P-0015042-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	H680Q	OncokB: Unknown	FALSE	7	140453111	A	T	Misense_Mutation	0.13266473684210225	608	FALSE	0.88	Clonal
P-0015310-T02-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2907268170420605	399	FALSE	1	Clonal
P-0015310-T02-IM6	Papillary thyroid carcinoma	Metastasis	ANKRD11	S581C	OncokB: Unknown	FALSE	16	89351208	G	C	Misense_Mutation	0.2812051649928264	697	FALSE	1	Clonal
P-0015310-T02-IM6	Papillary thyroid carcinoma	Metastasis	BRCA1	A678V	OncokB: Unknown	FALSE	17	41245515	G	A	Misense_Mutation	0.2608187134502924	855	FALSE	0.95	Clonal
P-0016553-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.25454545454545454	1045	FALSE	1	Clonal
P-0016553-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2363945782312926	588	FALSE	0.95	Clonal
P-0016839-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.4535139322593844	715	FALSE	1	Clonal
P-0016839-T01-IM6	Papillary thyroid carcinoma	Metastasis	ATM	H600Tfs*14	OncokB: Likely Oncogenic	FALSE	11	108122754	C		Frame_Shift_Del	0.7380952380952381	252	TRUE	1	Clonal
P-0016839-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.4856442953020134	149	TRUE	1	Clonal
P-0018002-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.2249537326478149	778	FALSE	0.87	Clonal
P-0018002-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.25474254742547425	369	FALSE	0.99	Clonal
P-0019193-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.14829659318637275	499	FALSE	1	Clonal
P-0019193-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.1377049180327809	305	FALSE	0.96	Clonal
P-0019193-T01-IM6	Papillary thyroid carcinoma	Metastasis	ARID2	W225*	OncokB: Likely Oncogenic	FALSE	12	46215240	G	A	Nonsense_Mutation	0.09121621621621621	296	FALSE	0.64	Subclonal
P-0019193-T01-IM6	Papillary thyroid carcinoma	Metastasis	ARID2	Q916*	OncokB: Likely Oncogenic	FALSE	12	46214652	C	T	Nonsense_Mutation	0.10551558752997602	834	FALSE	0.74	Subclonal
P-0021302-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.20810810810810812	370	FALSE	1	Clonal
P-0021302-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2672413793103448	464	FALSE	1	Clonal
P-0021187-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3746031746031746	315	FALSE	1	Clonal
P-0022293-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.36259932384341637	281	FALSE	1	Clonal
P-0022293-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.4382716049382716	162	TRUE	0.85	Clonal
P-0022293-T01-IM6	Papillary thyroid carcinoma	Metastasis	SMARCB1	L356Dfs*4	OncokB: Likely Oncogenic	FALSE	22	24175836	CT		Frame_Shift_Del	0.330968540925267	281	FALSE	0.97	Clonal
P-0022293-T01-IM6	Papillary thyroid carcinoma	Metastasis	RIT1	L27Q	OncokB: Unknown	FALSE	1	155880473	A	T	Misense_Mutation	0.32169576059850374	401	FALSE	0.95	Clonal
P-0022642-T01-IM6	Papillary thyroid carcinoma	Metastasis	RB1	E280Nfs*6	OncokB: Likely Oncogenic	FALSE	13	48937067	A		Frame_Shift_Del	0.6805555555555556	72	TRUE	1	Clonal

P-002642-T01-IM6	Papillary thyroid carcinoma	Metastasis	NTRK3	H349Y	OncoKB: Unknown	FALSE	15	88678491	G	A	Missense_Mutation	0.4233983286908078	359	FALSE	1	Clonal
P-002643-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.5384615384615384	286	FALSE	1	Clonal
P-002642-T01-IM6	Papillary thyroid carcinoma	Metastasis	EP300	T1679A	OncoKB: Unknown	FALSE	22	41572506	A	G	Missense_Mutation	0.3731784266559766	343	TRUE	0.88	Clonal
P-002655-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.288557139303483	201	FALSE	0.94	Clonal
P-002390-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.3617021276595745	658	FALSE	0.99	Clonal
P-0022890-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.35074090047393366	211	FALSE	0.61	Subclonal
P-0022890-T01-IM6	Papillary thyroid carcinoma	Metastasis	TSHR	I568V	OncoKB: Unknown	FALSE	14	81610104	A	G	Missense_Mutation	0.4555735066542811	619	FALSE	1	Clonal
P-0023389-T01-IM6	Papillary thyroid carcinoma	Metastasis	NRAS	Q61R	OncoKB: Oncogenic	TRUE	1	115256529	T	C	Missense_Mutation	0.3982894529540481	914	FALSE	1	Clonal
P-0023389-T01-IM6	Papillary thyroid carcinoma	Metastasis	EF1A3	X113_splice	OncoKB: Likely Oncogenic	TRUE	23	20148726	C	T	Splice_Site	0.7412587412587412	286	TRUE	1	Clonal
P-0023389-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295250	G	A	S'Flank	0.3888888888888889	756	FALSE	1	Clonal
P-0023389-T01-IM6	Papillary thyroid carcinoma	Metastasis	NEGR1	W42G>T	OncoKB: Unknown	FALSE	1	72748055	G		Frame_Shift_Del	0.380574278215223	762	FALSE	1	Clonal
P-0023389-T01-IM6	Papillary thyroid carcinoma	Metastasis	SF3B1	Y387D	OncoKB: Unknown	FALSE	2	19826720	A	C	Missense_Mutation	0.18263873005892215	668	FALSE	1	Clonal
P-0023423-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.3219895287958115	382	FALSE	1	Clonal
P-0023423-T01-IM6	Papillary thyroid carcinoma	Metastasis	ATM	Q2800*	OncoKB: Likely Oncogenic	FALSE	11	108214078	C	T	Nonsense_Mutation	0.0575539563453238	278	FALSE	0.18	Subclonal
P-0023423-T01-IM6	Papillary thyroid carcinoma	Metastasis	NUP93	E14K	OncoKB: Likely Oncogenic	TRUE	16	56782199	G	A	Missense_Mutation	0.42356687898089174	314	FALSE	1	Clonal
P-0023423-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.3148148148148148	162	FALSE	1	Clonal
P-0023423-T01-IM6	Papillary thyroid carcinoma	Metastasis	ROS1	H189Y	OncoKB: Unknown	FALSE	6	11724314	G	A	Missense_Mutation	0.0626264245143646	362	FALSE	0.21	Subclonal
P-0023423-T01-IM6	Papillary thyroid carcinoma	Metastasis	KMT2C	R41C	OncoKB: Unknown	FALSE	7	15213751	G	A	Missense_Mutation	0.267945288038888	265	FALSE	0.85	Clonal
P-0023423-T01-IM6	Papillary thyroid carcinoma	Metastasis	FLT3	Q744*	OncoKB: Unknown	FALSE	13	28599058	G	A	Nonsense_Mutation	0.05825242718446605	412	FALSE	0.18	Subclonal
P-0023423-T01-IM6	Papillary thyroid carcinoma	Metastasis	FNFR1	P381L	OncoKB: Unknown	FALSE	6	137519496	G	A	Missense_Mutation	0.07739930080493537	323	FALSE	0.25	Subclonal
P-0023423-T01-IM6	Papillary thyroid carcinoma	Metastasis	EP300	S12L	OncoKB: Unknown	FALSE	22	41489043	C	T	Missense_Mutation	0.05705705705705705	333	FALSE	0.18	Subclonal
P-0023423-T01-IM6	Papillary thyroid carcinoma	Metastasis	ERCC4	L790V	OncoKB: Unknown	FALSE	16	14041821	C	G	Missense_Mutation	0.05014749262538873	339	FALSE	0.16	Subclonal
P-0023423-T01-IM6	Papillary thyroid carcinoma	Metastasis	ERCC4	S841L	OncoKB: Unknown	FALSE	16	14041975	C	T	Missense_Mutation	0.0523446628838954	267	FALSE	0.17	Subclonal
P-0023608-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.2632080200051253	399	FALSE	0.94	Clonal
P-0023822-T01-IM6	Papillary thyroid carcinoma	Metastasis	KRAS	Q61K	OncoKB: Likely Oncogenic	TRUE	12	25380277	GA	TT	Missense_Mutation	0.18902439024390244	164	FALSE	0.81	Clonal
P-0023822-T01-IM6	Papillary thyroid carcinoma	Metastasis	CTCF	X4D3_splice	OncoKB: Likely Oncogenic	FALSE	16	67654721	G	T	Splice_Site	0.24867724867724866	189	FALSE	1	Clonal
P-0024124-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.23076923076923078	351	FALSE	1	Clonal
P-0024124-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.375	72	TRUE	1	Clonal
P-0024124-T01-IM6	Papillary thyroid carcinoma	Metastasis	ARAF	H393L	OncoKB: Unknown	FALSE	23	47428218	A	T	Missense_Mutation	0.195906432748338	342	FALSE	0.9	Clonal
P-0026696-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.07027027027027027	370	FALSE	0.21	Subclonal
P-0026696-T01-IM6	Papillary thyroid carcinoma	Metastasis	AR	A403V	OncoKB: Unknown	FALSE	23	66766196	C	T	Missense_Mutation	0.1028938067524116	311	FALSE	0.31	Subclonal
P-0027459-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.356499378668516	721	FALSE	1	Clonal
P-0027459-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.296264150943996	530	FALSE	1	Clonal
P-0027491-T01-IM6	Papillary thyroid carcinoma	Metastasis	FOXL2	A225_A234del	OncoKB: Unknown	FALSE	3	13864864	GGCTGCAGCCGACGCTGCTGCAGCCG		In_Frame_Del	0.5	194	FALSE	1	Clonal
P-0027491-T01-IM6	Papillary thyroid carcinoma	Metastasis	MET	L269V	OncoKB: Unknown	FALSE	7	116339943	C	G	Missense_Mutation	0.05345586307091175	691	FALSE	0.25	Subclonal
P-0028740-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.1496507164791045	536	FALSE	0.41	Subclonal
P-0028740-T01-IM6	Papillary thyroid carcinoma	Metastasis	MED12	H2116Q	OncoKB: Unknown	FALSE	23	70361160	C	A	Missense_Mutation	0.09540636042402827	283	TRUE	0.27	Subclonal
P-0029220-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453135	CA	TT	Missense_Mutation	0.12978723404253318	470	FALSE	0.31	Subclonal
P-0029245-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.20634920634920634	567	FALSE	1	Clonal
P-0029245-T01-IM6	Papillary thyroid carcinoma	Metastasis	PIK3CA	E545K	OncoKB: Oncogenic	TRUE	3	178936091	G	A	Missense_Mutation	0.16846652267818574	463	FALSE	0.94	Clonal
P-0029245-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2454780361757106	387	FALSE	1	Clonal
P-0029245-T01-IM6	Papillary thyroid carcinoma	Metastasis	BCOR	Q416*	OncoKB: Likely Oncogenic	FALSE	23	39938353	G	A	Nonsense_Mutation	0.09523809523809523	420	FALSE	0.51	Subclonal
P-0029245-T01-IM6	Papillary thyroid carcinoma	Metastasis	PIK3C3	M187V	OncoKB: Unknown	FALSE	18	39567803	A	G	Missense_Mutation	0.07248466950959488	469	FALSE	0.21	Subclonal
P-0029322-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.28336755648817247	487	FALSE	1	Clonal
P-0029322-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.3778930308483206	389	FALSE	1	Clonal
P-0029322-T01-IM6	Papillary thyroid carcinoma	Metastasis	ID3	Q63*	OncoKB: Likely Oncogenic	FALSE	1	23885731	G	A	Nonsense_Mutation	0.41529235382308843	667	FALSE	1	Clonal
P-0029322-T01-IM6	Papillary thyroid carcinoma	Metastasis	GATA3	A146V	OncoKB: Unknown	FALSE	10	8100463	C	T	Missense_Mutation	0.4549019607843137	765	FALSE	1	Clonal
P-0029322-T01-IM6	Papillary thyroid carcinoma	Metastasis	GNA11	I23V	OncoKB: Unknown	FALSE	19	3121064	A	G	Missense_Mutation	0.37276478679504815	727	FALSE	0.98	Clonal
P-0030028-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.24312896405919662	473	FALSE	0.94	Clonal
P-0030737-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.38826185101580135	443	FALSE	0.88	Clonal
P-0030737-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.4276094276094276	297	FALSE	1	Clonal
P-0030737-T01-IM6	Papillary thyroid carcinoma	Metastasis	KMT2A	C1475W	OncoKB: Unknown	FALSE	11	11839421	T	G	Missense_Mutation	0.344036697277064	436	FALSE	0.87	Clonal

P.0031745-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.3927536231884058	690	FALSE	1	Clonal
P.0032551-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.33789203084832906	389	FALSE	1	Clonal
P.0033057-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.3333333333333333	126	FALSE	0.89	Clonal
P.0033057-T01-IM6	Papillary thyroid carcinoma	Metastasis	ARID2	N67Efs*8	OncokB: Likely Oncogenic	FALSE	12	46125010		G	Frame_Shift_ins	0.30606606118811344	379	FALSE	0.81	Clonal
P.0032551-T01-IM6	Papillary thyroid carcinoma	Metastasis	CIC	P1335A	OncokB: Unknown	FALSE	19	43795945	C	G	Missense_Mutation	0.2352380552380524	420	FALSE	0.79	Subclonal
P.0033087-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.3475409836055574	305	FALSE	0.92	Clonal
P.0033087-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	G	A	S'Flank	0.39867109634551495	301	FALSE	1	Clonal
P.0032087-T01-IM6	Papillary thyroid carcinoma	Metastasis	NCOR1	P1674S	OncokB: Unknown	FALSE	17	1596265	G	A	Missense_Mutation	0.3597478991596639	476	FALSE	0.98	Clonal
P.0035393-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.3305084745762712	118	FALSE	0.6	Subclonal
P.0035393-T02-IM6	Papillary thyroid carcinoma	Metastasis	ARID1A	R1109Q	OncokB: Unknown	FALSE	1	27097737	G	A	Missense_Mutation	0.3632887189292543	523	FALSE	1	Clonal
P.0035393-T02-IM6	Papillary thyroid carcinoma	Metastasis	RUNX1	E456K	OncokB: Unknown	FALSE	21	36164509	C	T	Missense_Mutation	0.38221153946153844	416	FALSE	1	Clonal
P.0035393-T02-IM6	Papillary thyroid carcinoma	Metastasis	DICER1	H941Y	OncokB: Unknown	FALSE	14	9559088	G	A	Missense_Mutation	0.25116279009767444	215	FALSE	0.71	Subclonal
P.0035393-T02-IM6	Papillary thyroid carcinoma	Metastasis	ARID1B	S676L	OncokB: Unknown	FALSE	6	15726700	C	T	Missense_Mutation	0.2928870292887029	239	FALSE	1	Clonal
P.0035478-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.24466895106382978	282	FALSE	1	Clonal
P.0035478-T01-IM6	Papillary thyroid carcinoma	Metastasis	NUP93	E14K	OncokB: Likely Oncogenic	TRUE	16	56782399	G	A	Missense_Mutation	0.20448179271708683	357	TRUE	0.84	Clonal
P.0035478-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2727272727272727	99	FALSE	1	Clonal
P.0035478-T01-IM6	Papillary thyroid carcinoma	Metastasis	ARID2	Q754*	OncokB: Likely Oncogenic	FALSE	12	4624426	C	T	Nonsense_Mutation	0.211342026185567	194	FALSE	1	Clonal
P.0035478-T01-IM6	Papillary thyroid carcinoma	Metastasis	NOTCH4	R89K	OncokB: Unknown	FALSE	6	32178710	A	T	Missense_Mutation	0.25206611570247933	242	FALSE	1	Clonal
P.0035335-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.2506527415143603	383	FALSE	1	Clonal
P.0035335-T01-IM6	Papillary thyroid carcinoma	Metastasis	PTEN	S229*	OncokB: Likely Oncogenic	FALSE	10	89717661	C	G	Nonsense_Mutation	0.310348275862069	348	TRUE	0.93	Clonal
P.0035335-T01-IM6	Papillary thyroid carcinoma	Metastasis	TP53	R249Q	OncokB: Likely Oncogenic	TRUE	17	7577538	C	T	Missense_Mutation	0.385689147298822	516	TRUE	1	Clonal
P.0035335-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.40797546012289936	326	FALSE	1	Clonal
P.0035335-T01-IM6	Papillary thyroid carcinoma	Metastasis	SESN1	R544T	OncokB: Unknown	FALSE	6	10930872	C	G	Missense_Mutation	0.2747257472527475	273	FALSE	1	Clonal
P.0035335-T01-IM6	Papillary thyroid carcinoma	Metastasis	HL-2	ABV	OncokB: Unknown	FALSE	6	26056574	G	A	Missense_Mutation	0.2125	160	FALSE	0.85	Clonal
P.0035335-T01-IM6	Papillary thyroid carcinoma	Metastasis	EED	L425F	OncokB: Unknown	FALSE	11	85989514	C	T	Missense_Mutation	0.2224448897795912	499	FALSE	0.89	Clonal
P.0035335-T01-IM6	Papillary thyroid carcinoma	Metastasis	PALB2	I678V	OncokB: Unknown	FALSE	16	23641443	G	C	Missense_Mutation	0.24145785989993167	878	FALSE	0.97	Clonal
P.0035335-T01-IM6	Papillary thyroid carcinoma	Metastasis	SF3B1	E1174Q	OncokB: Unknown	FALSE	2	198260799	C	G	Missense_Mutation	0.23173277661795408	479	FALSE	0.93	Clonal
P.0035998-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.28910344827586204	232	FALSE	1	Clonal
P.0035998-T01-IM6	Papillary thyroid carcinoma	Metastasis	PIK3CA	E542K	OncokB: Oncogenic	TRUE	3	178936082	G	A	Missense_Mutation	0.06967213114754098	244	FALSE	0.25	Subclonal
P.0035998-T01-IM6	Papillary thyroid carcinoma	Metastasis	TSC1	S685*	OncokB: Likely Oncogenic	FALSE	9	135779192	G	C	Nonsense_Mutation	0.0990099009009091	202	TRUE	0.25	Subclonal
P.0035998-T01-IM6	Papillary thyroid carcinoma	Metastasis	ATM	T2961Hfs*3	OncokB: Likely Oncogenic	FALSE	11	108235839	ACCATGA		Frame_Shift_Del	0.26337448559670784	243	FALSE	0.93	Clonal
P.0035998-T01-IM6	Papillary thyroid carcinoma	Metastasis	CDKN2A	Y44*	OncokB: Likely Oncogenic	FALSE	9	21974695		T	Nonsense_Mutation	0.42384059620649	151	TRUE	1	Clonal
P.0035998-T01-IM6	Papillary thyroid carcinoma	Metastasis	TP53	D281H	OncokB: Likely Oncogenic	TRUE	17	7577097	C	G	Missense_Mutation	0.2849056603773585	530	FALSE	1	Clonal
P.0035998-T01-IM6	Papillary thyroid carcinoma	Metastasis	BCOR	Q1371*	OncokB: Likely Oncogenic	FALSE	23	39922061	G	A	Nonsense_Mutation	0.1236442516268904	461	TRUE	0.44	Subclonal
P.0035998-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295192			S'Flank	0.14728682170542637	129	FALSE	0.67	Subclonal
P.0035998-T01-IM6	Papillary thyroid carcinoma	Metastasis	JAK3	S305L	OncokB: Unknown	FALSE	19	17941316	C	A	Missense_Mutation	0.31747572815539986	309	FALSE	0.62	Subclonal
P.0035998-T01-IM6	Papillary thyroid carcinoma	Metastasis	KMT2D	E793K	OncokB: Unknown	FALSE	12	49455089	C	T	Missense_Mutation	0.09651474530831099	373	FALSE	0.44	Subclonal
P.0035998-T01-IM6	Papillary thyroid carcinoma	Metastasis	STAT5A	W589C	OncokB: Unknown	FALSE	17	40459506	G	C	Missense_Mutation	0.0537704938032787	366	FALSE	0.2	Subclonal
P.0035998-T01-IM6	Papillary thyroid carcinoma	Metastasis	KDM5C	S331F	OncokB: Unknown	FALSE	23	53244001	G	A	Missense_Mutation	0.0934844192634569	353	TRUE	0.33	Subclonal
P.0037428-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.322574647887324	355	FALSE	0.99	Clonal
P.0037428-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2524475524475526	286	FALSE	0.76	Subclonal
P.0037428-T01-IM6	Papillary thyroid carcinoma	Metastasis	EDH1	P983R	OncokB: Unknown	FALSE	17	40858116	G	C	Missense_Mutation	0.1831286531587326	901	FALSE	0.55	Subclonal
P.0038149-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.23978685612788633	563	FALSE	1	Clonal
P.0038149-T01-IM6	Papillary thyroid carcinoma	Metastasis	PAK5	M282T	OncokB: Unknown	FALSE	20	9560937	A	G	Missense_Mutation	0.22239031770045387	661	FALSE	0.96	Clonal
P.0038431-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.245136180770428	257	FALSE	0.76	Subclonal
P.0038431-T01-IM6	Papillary thyroid carcinoma	Metastasis	STAG2	Q590*	OncokB: Likely Oncogenic	FALSE	23	123197002	C	T	Nonsense_Mutation	0.5436893203883495	103	FALSE	1	Clonal
P.0038431-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.319047619047619	630	FALSE	1	Clonal
P.0038431-T01-IM6	Papillary thyroid carcinoma	Metastasis	TSHR	D639G	OncokB: Unknown	FALSE	14	81610258	A	G	Missense_Mutation	0.1855284974093266	386	FALSE	1	Clonal
P.0038431-T01-IM6	Papillary thyroid carcinoma	Metastasis	HGF	I125S	OncokB: Unknown	FALSE	7	81386613	A	C	Missense_Mutation	0.3248730964467005	197	FALSE	1	Clonal
P.0038946-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.44848484848484848	132	FALSE	1	Clonal
P.0038946-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.42636304347626087	368	FALSE	0.99	Clonal
P.0038946-T01-IM6	Papillary thyroid carcinoma	Metastasis	DNMT3A	P849L	OncokB: Likely Neutral	FALSE	2	25458627	G	A	Missense_Mutation	0.2844574780058651	341	FALSE	0.66	Subclonal

P.004194-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3366336633663366	505	FALSE	0.82	Clonal
P.004194-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.4684466019417476	412	FALSE	1	Clonal
P.0041275-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.4557823129251701	294	FALSE	1	Clonal
P.0041275-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.419867328242748	131	TRUE	0.93	Clonal
P.0041513-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.217952715565952	313	FALSE	0.82	Clonal
P.0042061-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.1267605633802817	426	FALSE	0.86	Clonal
P.0042061-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	G	A	S'Flank	0.13742071881606766	473	FALSE	0.93	Clonal
P.0042061-T01-IM6	Papillary thyroid carcinoma	Metastasis	CIC	P108R	OncokB: Unknown	FALSE	19	42791263	C	G	Misense_Mutation	0.1151612903252054	775	FALSE	0.85	Clonal
P.0044375-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.1883501683016836	297	FALSE	0.63	Subclonal
P.0044375-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2672413793103448	464	FALSE	1	Clonal
P.0045136-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.2368308263636366	411	FALSE	0.97	Clonal
P.0045136-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	G	A	S'Flank	0.3532513181019332	569	FALSE	1	Clonal
P.0045499-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.20189274447949526	317	FALSE	1	Clonal
P.0045499-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.16171190296493957	371	FALSE	0.88	Clonal
P.0046877-T02-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	G	A	S'Flank	0.3818181818181818	220	TRUE	1	Clonal
P.0046877-T02-IM6	Papillary thyroid carcinoma	Metastasis	MRE11	P230L	OncokB: Unknown	FALSE	11	94204896	G	A	Misense_Mutation	0.1036585363636365	328	FALSE	0.71	Subclonal
P.0046877-T02-IM6	Papillary thyroid carcinoma	Metastasis	SMARCA4	A1158V	OncokB: Unknown	FALSE	19	11141495	C	T	Misense_Mutation	0.1336236980108498	553	FALSE	0.53	Clonal
P.0048856-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3310580204778157	293	FALSE	1	Clonal
P.0048856-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.4666666666666667	165	FALSE	1	Clonal
P.0048856-T01-IM6	Papillary thyroid carcinoma	Metastasis	PDGFRB	R256Q	OncokB: Unknown	FALSE	5	14951316	C	T	Misense_Mutation	0.2547938081371	331	FALSE	0.77	Subclonal
P.0048856-T01-IM6	Papillary thyroid carcinoma	Metastasis	PLCG2	K1059M	OncokB: Unknown	FALSE	16	8197483	A	T	Misense_Mutation	0.0949549549494946	370	FALSE	0.29	Subclonal
P.0048856-T01-IM6	Papillary thyroid carcinoma	Metastasis	ERBB4	Y607C	OncokB: Unknown	FALSE	2	212530099	T	C	Misense_Mutation	0.097292929292973	370	FALSE	0.29	Subclonal
P.0049461-T02-IM6	Papillary thyroid carcinoma	Metastasis	PK3CA	E545K	OncokB: Oncogenic	TRUE	3	178936091	G	A	Misense_Mutation	0.4166666666666667	72	FALSE	1	Clonal
P.0049461-T02-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.4230769230769231	156	FALSE	1	Clonal
P.0049461-T02-IM6	Papillary thyroid carcinoma	Metastasis	BTX	P75R	OncokB: Unknown	FALSE	23	100629540	G	C	Misense_Mutation	0.5317919075144508	173	FALSE	1	Clonal
P.0050498-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.308944364508393	417	FALSE	1	Clonal
P.0050498-T01-IM6	Papillary thyroid carcinoma	Metastasis	PK3CA	H1047R	OncokB: Oncogenic	TRUE	3	178952085	A	G	Misense_Mutation	0.2959978427672955	318	FALSE	1	Clonal
P.0050498-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.24456621739130435	368	FALSE	0.85	Clonal
P.0050498-T01-IM6	Papillary thyroid carcinoma	Metastasis	CREBBP	R1091C	OncokB: Unknown	FALSE	16	3888953	G	A	Misense_Mutation	0.2526447574348983	639	FALSE	0.98	Clonal
P.0050498-T01-IM6	Papillary thyroid carcinoma	Metastasis	HRAS	L159V	OncokB: Unknown	FALSE	11	532731	A	C	Misense_Mutation	0.288514018691589	856	FALSE	0.95	Clonal
P.000425-T01-IM3	Papillary thyroid carcinoma	Metastasis	TP53	P27L5*17	OncokB: Likely Oncogenic	FALSE	17	7579716			Frame_Shift_Del	0.1827119842829076	509	TRUE	0.75	Subclonal
P.000425-T01-IM3	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.4220779207792205	308	FALSE	1	Clonal
P.0002681-T02-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3083989465848855	655	FALSE	0.94	Clonal
P.0002681-T02-IM6	Papillary thyroid carcinoma	Metastasis	PK3CA	H1047R	OncokB: Oncogenic	TRUE	3	178952085	A	G	Misense_Mutation	0.3299663299663296	594	FALSE	1	Clonal
P.0002681-T02-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.3328125	640	FALSE	1	Clonal
P.0002681-T02-IM6	Papillary thyroid carcinoma	Metastasis	FAT1	V32205L*3	OncokB: Likely Oncogenic	FALSE	4	18752725			Frame_Shift_Ins	0.228998969698983	769	FALSE	1	Clonal
P.0002838-T02-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.1260997067486803	341	FALSE	0.41	Subclonal
P.0002838-T02-IM5	Papillary thyroid carcinoma	Metastasis	KRAS	G12V	OncokB: Oncogenic	TRUE	12	2539824	C	A	Misense_Mutation	0.047619047619047616	357	FALSE	0.15	Subclonal
P.0002838-T02-IM5	Papillary thyroid carcinoma	Metastasis	ALK	G1202E	OncokB: Unknown	FALSE	2	2943612	C	T	Misense_Mutation	0.0878504672897396	428	FALSE	0.29	Subclonal
P.0004660-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.226	500	FALSE	1	Clonal
P.0004660-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.21076231383856502	223	FALSE	0.94	Clonal
P.0004916-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.3912037037037037	432	FALSE	1	Clonal
P.0006324-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.1673913043478261	460	FALSE	0.94	Clonal
P.0006324-T01-IM5	Papillary thyroid carcinoma	Metastasis	DNMT3A	Q855*	OncokB: Likely Oncogenic	FALSE	2	2546457	G	A	Nonsense_Mutation	0.181512600420168	595	FALSE	1	Clonal
P.0006324-T01-IM5	Papillary thyroid carcinoma	Metastasis	NUMA3	Q15*	OncokB: Unknown	FALSE	16	36782202	C	T	Nonsense_Mutation	0.14480579748855442	790	FALSE	0.81	Clonal
P.0006324-T01-IM5	Papillary thyroid carcinoma	Metastasis	BCOR	E184Q	OncokB: Unknown	FALSE	23	39916553	C	G	Misense_Mutation	0.18652849740932642	579	FALSE	1	Clonal
P.0008236-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.587863463966659	791	FALSE	1	Clonal
P.0008236-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.34074074074074073	135	FALSE	0.94	Clonal
P.0008236-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	I54T	OncokB: Unknown	FALSE	7	140476745	A	G	Misense_Mutation	0.26570545829042225	971	FALSE	1	Clonal
P.0008236-T01-IM5	Papillary thyroid carcinoma	Metastasis	JAK2	W123*	OncokB: Unknown	FALSE	9	5044421	G	A	Nonsense_Mutation	0.40431637751561415	1441	FALSE	1	Clonal
P.0008236-T01-IM5	Papillary thyroid carcinoma	Metastasis	PAK1	P184L	OncokB: Unknown	FALSE	11	7706983	G	A	Misense_Mutation	0.262313802520046	873	FALSE	0.99	Clonal
P.0008389-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.22690058479532163	855	FALSE	0.99	Clonal

P.000839-T01-IM5	Papillary thyroid carcinoma	Metastasis	PK3CA	Q546K	OncokB: Oncogenic	TRUE	3	178936094	C	A	Misense_Mutation	0.1961620460831557	469	FALSE	0.85	Clonal
P.000839-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.2864321630040201	398	FALSE	1	Clonal
P.000839-T01-IM5	Papillary thyroid carcinoma	Metastasis	CCND3	R95Q	OncokB: Unknown	FALSE	6	4190828	C	T	Misense_Mutation	0.10990206746463548	919	FALSE	0.48	Subclonal
P.000839-T01-IM5	Papillary thyroid carcinoma	Metastasis	ATRX	D214G	OncokB: Unknown	FALSE	23	76940452	T	C	Misense_Mutation	0.22229381443298968	1552	FALSE	0.97	Clonal
P.000839-T01-IM5	Papillary thyroid carcinoma	Metastasis	COP1	G3*	OncokB: Unknown	FALSE	1	176176108	CA		Frame_Shift_Del	0.16292969708751795	697	FALSE	0.91	Clonal
P.0010441-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.18600953895071543	629	FALSE	0.99	Clonal
P.0010441-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.20050153131283207	399	FALSE	1	Clonal
P.0010441-T01-IM5	Papillary thyroid carcinoma	Metastasis	ERCC4	T8T	OncokB: Unknown	FALSE	16	14015913	T	C	Misense_Mutation	0.11286345351259551	538	FALSE	0.92	Clonal
P.0010962-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.30962343096234307	478	FALSE	0.96	Clonal
P.0010962-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.332344213649816	337	FALSE	1	Clonal
P.0011500-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.434620317434620176	803	FALSE	0.94	Clonal
P.0011500-T01-IM5	Papillary thyroid carcinoma	Metastasis	RBM10	Q208*	OncokB: Likely Oncogenic	FALSE	23	47038846	C	T	Nonsense_Mutation	0.929961089491635	257	TRUE	1	Clonal
P.0011500-T01-IM5	Papillary thyroid carcinoma	Metastasis	PMS2	S6R	OncokB: Unknown	FALSE	7	6043647	G	A	Misense_Mutation	0.29954954954954954	444	FALSE	0.65	Subclonal
P.0013394-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	G	A	5'Flank	0.233503538071066	197	FALSE	0.75	Subclonal
P.0016401-T01-IM6	Papillary thyroid carcinoma	Metastasis	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	11525629	T	C	Misense_Mutation	0.26931859567867	361	FALSE	1	Clonal
P.0016401-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.4375	96	TRUE	1	Clonal
P.0016821-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.2323237650170914	926	FALSE	1	Clonal
P.0016821-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.23834196891191708	386	TRUE	0.83	Clonal
P.0017716-T01-IM6	Papillary thyroid carcinoma	Metastasis	PBRM1	H1407Y	OncokB: Unknown	FALSE	3	5258809	G	A	Misense_Mutation	0.26790450928381965	754	FALSE	0.68	Subclonal
P.0017716-T01-IM6	Papillary thyroid carcinoma	Metastasis	ARAF	A460V	OncokB: Unknown	FALSE	23	47429016	C	T	Misense_Mutation	0.47417340375586856	426	TRUE	1	Clonal
P.0018545-T01-IM6	Papillary thyroid carcinoma	Metastasis	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	11525629	T	C	Misense_Mutation	0.8821889908887	908	FALSE	1	Clonal
P.0020087-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.20165460186142709	967	FALSE	1	Clonal
P.0020087-T01-IM6	Papillary thyroid carcinoma	Metastasis	NF1	X2235_splice	OncokB: Likely Oncogenic	FALSE	17	2965042	G	T	Splice_Site	0.13042978078663102	748	FALSE	0.81	Clonal
P.0020087-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.21460176991150443	452	FALSE	1	Clonal
P.0020087-T01-IM6	Papillary thyroid carcinoma	Metastasis	DNMT3A	E342*	OncokB: Likely Oncogenic	FALSE	2	25470018	C	A	Nonsense_Mutation	0.1344165454574938	677	FALSE	0.68	Subclonal
P.0020087-T01-IM6	Papillary thyroid carcinoma	Metastasis	NOTCH1	D1533V	OncokB: Unknown	FALSE	9	13939545	T	A	Misense_Mutation	0.18421052631578946	836	FALSE	0.93	Clonal
P.0021317-T02-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.30434782698895654	736	FALSE	1	Clonal
P.0021317-T02-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.3064182194616977	483	FALSE	1	Clonal
P.0021317-T02-IM6	Papillary thyroid carcinoma	Metastasis	MEN1	P7145*45	OncokB: Likely Oncogenic	FALSE	11	64577362	CGCCAGGGG		Frame_Shift_Del	0.5752032503203203	492	TRUE	1	Clonal
P.0022432-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.33506493506493507	385	FALSE	0.97	Clonal
P.0022432-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.2470389170896785	591	FALSE	0.72	Subclonal
P.0022935-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453135	CA	TT	Misense_Mutation	0.1485148514851485	404	FALSE	0.41	Subclonal
P.0023577-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.2884882108183079	721	FALSE	1	Clonal
P.0023577-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.2857142857142857	553	FALSE	1	Clonal
P.0023577-T01-IM6	Papillary thyroid carcinoma	Metastasis	MED12	L1262P	OncokB: Unknown	FALSE	23	70361809	T	C	Misense_Mutation	0.258306010928962	915	FALSE	0.93	Clonal
P.0024787-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.21996396396396397	444	FALSE	1	Clonal
P.0024787-T01-IM6	Papillary thyroid carcinoma	Metastasis	AKT1	E17K	OncokB: Oncogenic	TRUE	14	105246551	C	T	Misense_Mutation	0.20303030303030303	330	FALSE	0.96	Clonal
P.0024787-T01-IM6	Papillary thyroid carcinoma	Metastasis	TP53	E439Nfs*21	OncokB: Likely Oncogenic	FALSE	17	7573982	C		Frame_Shift_Del	0.1242137931034483	377	FALSE	0.81	Clonal
P.0024787-T01-IM6	Papillary thyroid carcinoma	Metastasis	NF2	E136K	OncokB: Unknown	FALSE	22	3003823	G	A	Misense_Mutation	0.06666666666666667	390	TRUE	0.25	Subclonal
P.0025441-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453135	CA	TT	Misense_Mutation	0.299867899036988	757	FALSE	0.91	Clonal
P.0025441-T01-IM6	Papillary thyroid carcinoma	Metastasis	PK3CA	E545K	OncokB: Oncogenic	TRUE	3	178936091	G	A	Misense_Mutation	0.3424036281179138	882	FALSE	1	Clonal
P.0025441-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.36283183840707965	452	FALSE	1	Clonal
P.0025441-T01-IM6	Papillary thyroid carcinoma	Metastasis	CALR	L77V	OncokB: Unknown	FALSE	19	13050277	C	G	Misense_Mutation	0.3156708004509583	887	FALSE	0.96	Clonal
P.0027044-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.26526315789473687	475	FALSE	0.91	Clonal
P.0027044-T01-IM6	Papillary thyroid carcinoma	Metastasis	PK3CA	E545K	OncokB: Oncogenic	TRUE	3	178936082	G	A	Misense_Mutation	0.30174563991022446	401	FALSE	1	Clonal
P.0027044-T01-IM6	Papillary thyroid carcinoma	Metastasis	ATM	Q1579*	OncokB: Likely Oncogenic	FALSE	11	10816463	C	T	Nonsense_Mutation	0.310608875739645	338	FALSE	1	Clonal
P.0027044-T01-IM6	Papillary thyroid carcinoma	Metastasis	AXL1	E381K	OncokB: Unknown	FALSE	20	31021142	G	A	Misense_Mutation	0.2410339856527977	697	FALSE	0.83	Clonal
P.0027044-T01-IM6	Papillary thyroid carcinoma	Metastasis	TET2	A1037T	OncokB: Unknown	FALSE	4	106158208	G	A	Misense_Mutation	0.2161520190023753	421	FALSE	0.74	Subclonal
P.0032986-T02-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.19666666666666666	600	FALSE	0.71	Subclonal
P.0032986-T02-IM6	Papillary thyroid carcinoma	Metastasis	CDKN2A	L649fs*51	OncokB: Likely Oncogenic	FALSE	9	21971155	GGCCGTGGAGCA		Frame_Shift_Del	0.356083080534125	674	TRUE	1	Clonal
P.0032986-T02-IM6	Papillary thyroid carcinoma	Metastasis	PK3CB	D1067V	OncokB: Oncogenic	TRUE	3	138374244	T	A	Misense_Mutation	0.2850184713375795	628	FALSE	0.92	Clonal
P.0032986-T02-IM6	Papillary thyroid carcinoma	Metastasis	MGA	R2764Gfs*12	OncokB: Likely Oncogenic	FALSE	15	42058570	AGAGG		Frame_Shift_Del	0.22935779816511763	327	FALSE	0.80	Clonal

P.002986-T02-IM6	Papillary thyroid carcinoma	Metastasis	PALB2	E617K	OncoKB: Unknown	FALSE	16	23641626	C	T	Misense_Mutation	0.30864197530864196	648	TRUE	1	Clonal
P.002986-T02-IM6	Papillary thyroid carcinoma	Metastasis	IRL1	Y511D	OncoKB: Unknown	FALSE	2	22763004	A	C	Misense_Mutation	0.270564467005076	985	FALSE	0.90	Clonal
P.002986-T02-IM6	Papillary thyroid carcinoma	Metastasis	PK3CB	IS80V	OncoKB: Unknown	FALSE	3	13841781	T	C	Misense_Mutation	0.22825212155991573	617	FALSE	0.78	Subclonal
P.002986-T02-IM6	Papillary thyroid carcinoma	Metastasis	SPOP	W36S	OncoKB: Unknown	FALSE	17	47699401	C	G	Misense_Mutation	0.2590673571295334	386	FALSE	0.85	Clonal
P.002986-T02-IM6	Papillary thyroid carcinoma	Metastasis	CUL3	M59H	OncoKB: Unknown	FALSE	2	23536594	C	A	Misense_Mutation	0.21276214832595008	391	FALSE	0.76	Subclonal
P.0036495-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.1069364161849711	346	FALSE	1	Clonal
P.0036495-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.0782312925170068	294	FALSE	0.79	Subclonal
P.0037171-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.13689139170984457	386	FALSE	1	Clonal
P.0037171-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.40476190476190477	210	FALSE	1	Clonal
P.0038257-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.3624161073825503	149	FALSE	0.98	Clonal
P.0038257-T01-IM6	Papillary thyroid carcinoma	Metastasis	PK3CG	L394F	OncoKB: Unknown	FALSE	7	106509186	C	T	Misense_Mutation	0.30909415335463256	313	FALSE	0.84	Clonal
P.0039438-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.10421286031042129	451	FALSE	0.9	Clonal
P.0039438-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.22568093385214008	257	FALSE	1	Clonal
P.0039438-T01-IM6	Papillary thyroid carcinoma	Metastasis	NKX2-1	K193_R195del	OncoKB: Unknown	FALSE	14	36987107	GCCTCTCT		In_Frame_Del	0.13186379928315412	558	FALSE	1	Clonal
P.0041192-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.41	300	FALSE	1	Clonal
P.0041192-T01-IM6	Papillary thyroid carcinoma	Metastasis	RBM10	L3765F*31	OncoKB: Likely Oncogenic	FALSE	23	47040723	C		Frame_Shift_Del	0.070219512195122	328	TRUE	0.17	Subclonal
P.0041192-T01-IM6	Papillary thyroid carcinoma	Metastasis	FRCC5	F978del	OncoKB: Unknown	FALSE	13	103525659	TGT		In_Frame_Del	0.08056872037914692	422	FALSE	0.2	Subclonal
P.0046438-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.2346368715083799	179	FALSE	0.74	Subclonal
P.0046438-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.26371308016877637	474	FALSE	0.84	Clonal
P.0046438-T01-IM6	Papillary thyroid carcinoma	Metastasis	MTOR	L1163V	OncoKB: Unknown	FALSE	1	11272443	G	C	Misense_Mutation	0.316688567674113	761	FALSE	1	Clonal
P.0046709-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.4008906859688194	449	FALSE	0.96	Clonal
P.0046709-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.4397163120567376	282	FALSE	1	Clonal
P.000415-T01-IM3	Papillary thyroid carcinoma	Metastasis	NRAS	Q61R	OncoKB: Oncogenic	TRUE	1	115236529	T	C	Misense_Mutation	0.56231621621621622	185	TRUE	1	Clonal
P.000415-T01-IM3	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.343514503816794	131	FALSE	0.97	Clonal
P.000415-T01-IM3	Papillary thyroid carcinoma	Metastasis	MEN1	W126A*23	OncoKB: Likely Oncogenic	FALSE	11	64577191	GGCTGAGGCTGTCCA		Frame_Shift_Del	0.26737967914438504	187	TRUE	0.48	Subclonal
P.000415-T01-IM3	Papillary thyroid carcinoma	Metastasis	AURKA	L161Q*16	OncoKB: Unknown	FALSE	20	54958123	TAA	GACT	Frame_Shift_Ins	0.277129824561403	285	FALSE	0.78	Subclonal
P.0002875-T01-IM3	Papillary thyroid carcinoma	Metastasis	NRAS	Q61R	OncoKB: Oncogenic	TRUE	1	115236529	T	C	Misense_Mutation	0.39095744680851063	376	FALSE	1	Clonal
P.0002875-T01-IM3	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.3902439024390244	328	FALSE	0.99	Clonal
P.0002875-T01-IM3	Papillary thyroid carcinoma	Metastasis	SF3B1	R594Q	OncoKB: Unknown	FALSE	2	198267698	C	T	Misense_Mutation	0.27906974744180406	301	FALSE	0.71	Subclonal
P.0002875-T01-IM3	Papillary thyroid carcinoma	Metastasis	PDPK1	R9G	OncoKB: Unknown	FALSE	16	2588120	A	G	Misense_Mutation	0.3617021276095745	47	FALSE	0.92	Clonal
P.0002910-T02-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.17280453257930368	706	FALSE	0.95	Clonal
P.0002910-T02-IM5	Papillary thyroid carcinoma	Metastasis	DIS3	R780T	OncoKB: Likely Oncogenic	TRUE	13	73330654	C	G	Misense_Mutation	0.18506493502493507	616	FALSE	1	Clonal
P.0002910-T02-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.1942446041654678	278	FALSE	1	Clonal
P.0002910-T02-IM5	Papillary thyroid carcinoma	Metastasis	CDKN1B	E8*	OncoKB: Likely Oncogenic	FALSE	12	12871029	G	T	Nonsense_Mutation	0.20957095709570958	606	FALSE	1	Clonal
P.0002910-T02-IM5	Papillary thyroid carcinoma	Metastasis	DICER1	Q84*	OncoKB: Likely Oncogenic	FALSE	14	9559809	G	A	Nonsense_Mutation	0.158291457286432	796	FALSE	0.92	Clonal
P.0002910-T02-IM5	Papillary thyroid carcinoma	Metastasis	BCDR	Q430*	OncoKB: Likely Oncogenic	FALSE	23	8993331	G	A	Nonsense_Mutation	0.16029143897994556	1098	FALSE	0.89	Clonal
P.0002910-T02-IM5	Papillary thyroid carcinoma	Metastasis	NUP93	V406M	OncoKB: Unknown	FALSE	16	5685884	G	A	Misense_Mutation	0.18888888888888888	1350	FALSE	1	Clonal
P.0002910-T02-IM5	Papillary thyroid carcinoma	Metastasis	ALK	E563Q	OncoKB: Unknown	FALSE	2	29498019	C	G	Misense_Mutation	0.174835668607057	1247	FALSE	0.97	Clonal
P.0002910-T02-IM5	Papillary thyroid carcinoma	Metastasis	FIN	Q276*	OncoKB: Unknown	FALSE	6	112020745	G	A	Nonsense_Mutation	0.17497024388435878	1349	TRUE	0.95	Clonal
P.0003651-T01-IM5	Papillary thyroid carcinoma	Metastasis	KRAS	Q61R	OncoKB: Oncogenic	TRUE	12	25380276	T	C	Misense_Mutation	0.3421588594704684	491	FALSE	1	Clonal
P.0003651-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.42424242424242425	99	FALSE	1	Clonal
P.0003651-T01-IM5	Papillary thyroid carcinoma	Metastasis	RBM10	Y537*	OncoKB: Likely Oncogenic	FALSE	23	47041618	G	A	Nonsense_Mutation	0.6332288401253918	319	TRUE	1	Clonal
P.0005632-T01-IM5	Papillary thyroid carcinoma	Metastasis	RICTOR	L847F	OncoKB: Unknown	FALSE	5	38955767	G	A	Misense_Mutation	0.4565916398713826	933	FALSE	1	Clonal
P.0007528-T01-IM5	Papillary thyroid carcinoma	Metastasis	NRAS	Q61R	OncoKB: Oncogenic	TRUE	1	115236529	T	C	Misense_Mutation	0.2763915547024952	521	FALSE	0.84	Clonal
P.0007528-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.37158469949355194	183	FALSE	1	Clonal
P.0007528-T01-IM5	Papillary thyroid carcinoma	Metastasis	KDM5C	L1311R	OncoKB: Unknown	FALSE	23	53223427	A	C	Misense_Mutation	0.3036876355748373	461	FALSE	0.93	Clonal
P.0008672-T02-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3958762866597938	485	FALSE	0.95	Clonal
P.0008672-T02-IM6	Papillary thyroid carcinoma	Metastasis	EDNRA	R5P*	OncoKB: Likely Oncogenic	FALSE	9	21971186	G	A	Nonsense_Mutation	0.6526825268252682	205	TRUE	0.98	Clonal
P.0008672-T02-IM6	Papillary thyroid carcinoma	Metastasis	MEN1	I855F*33	OncoKB: Likely Oncogenic	FALSE	11	64577330	AGAC		Frame_Shift_Del	0.5413793103448276	290	TRUE	0.76	Subclonal
P.0008672-T02-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.44656488549618323	262	FALSE	1	Clonal
P.0012270-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3959276180995473	442	FALSE	1	Clonal
P.0012270-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.46484375	256	FALSE	1	Clonal

P-0012270-T01-IM5	Papillary thyroid carcinoma	Metastasis	HGF	R261C	OncokB: Unknown	FALSE	7	81372753	G	A	Misense_Mutation	0.4453924914675768	586	FALSE	1	Clonal
P-0012270-T01-IM5	Papillary thyroid carcinoma	Metastasis	INSR	D178G	OncokB: Unknown	FALSE	19	7267475	T	C	Misense_Mutation	0.33786577181202053	745	FALSE	1	Clonal
P-0016219-T01-IM6	Papillary thyroid carcinoma	Metastasis	HRAS	Q61R	OncokB: Likely Oncogenic	TRUE	11	533874	T	C	Misense_Mutation	0.23095238095238096	840	FALSE	0.80	Clonal
P-0016219-T01-IM6	Papillary thyroid carcinoma	Metastasis	RRM10	S692Afs*32	OncokB: Likely Oncogenic	FALSE	23	47044978	C		Frame_Shift_Del	0.257666937275199	877	FALSE	0.82	Clonal
P-0017757-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3408624229979466	487	FALSE	0.88	Clonal
P-0017757-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.5675675675675675	814	FALSE	1	Clonal
P-0017757-T01-IM6	Papillary thyroid carcinoma	Metastasis	BTX	R544S	OncokB: Likely Oncogenic	FALSE	23	100608976	C	G	Misense_Mutation	0.41652892561983473	605	FALSE	1	Clonal
P-0023556-T01-IM6	Papillary thyroid carcinoma	Metastasis	HRAS	Q61R	OncokB: Likely Oncogenic	TRUE	11	533874	T	C	Misense_Mutation	0.337144265714285713	175	FALSE	1	Clonal
P-0023556-T01-IM6	Papillary thyroid carcinoma	Metastasis	NSD3	P981T	OncokB: Unknown	FALSE	8	38148170	G	T	Misense_Mutation	0.43780849673202614	153	FALSE	1	Clonal
P-0029277-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.429993057324841	628	FALSE	0.98	Clonal
P-0029277-T01-IM6	Papillary thyroid carcinoma	Metastasis	ATM	R2461P	OncokB: Unknown	FALSE	11	108201015	G	C	Misense_Mutation	0.33219424604316546	556	FALSE	0.73	Subclonal
P-0029277-T01-IM6	Papillary thyroid carcinoma	Metastasis	ATM	G2891V	OncokB: Unknown	FALSE	11	108224493	G	T	Misense_Mutation	0.280452357903683	353	FALSE	0.64	Subclonal
P-0029277-T01-IM6	Papillary thyroid carcinoma	Metastasis	PAK5	R600K	OncokB: Unknown	FALSE	20	9525086	C	T	Misense_Mutation	0.32546683850931676	805	FALSE	0.74	Subclonal
P-0035934-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.20833333333333334	384	FALSE	0.97	Clonal
P-0035934-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2528756321839083	174	FALSE	1	Clonal
P-0035934-T01-IM6	Papillary thyroid carcinoma	Metastasis	RRM10	S102*	OncokB: Likely Oncogenic	FALSE	23	47034446	T		Frame_Shift_Ins	0.4227467811158798	466	FALSE	1	Clonal
P-0036379-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	G	A	S'Flank	0.38310741687975387	391	TRUE	1	Clonal
P-0036379-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.16170212765957448	235	FALSE	0.63	Subclonal
P-0008163-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.16279069767441862	817	FALSE	1	Clonal
P-0008163-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.284332685880075	517	FALSE	1	Clonal
P-0008163-T01-IM5	Papillary thyroid carcinoma	Metastasis	ZFH3	Q1847*	OncokB: Likely Oncogenic	FALSE	16	7281042	G	A	Nonsense_Mutation	0.1560913705837563	1576	FALSE	0.99	Clonal
P-0008163-T01-IM5	Papillary thyroid carcinoma	Metastasis	GNA11	I56M	OncokB: Unknown	FALSE	19	3110178	C	G	Misense_Mutation	0.16115261472785486	937	FALSE	1	Clonal
P-0008163-T01-IM5	Papillary thyroid carcinoma	Metastasis	PTPRD	P539R	OncokB: Unknown	FALSE	9	8507362	G	C	Misense_Mutation	0.1163294797878613	1384	FALSE	0.74	Subclonal
P-0008163-T01-IM5	Papillary thyroid carcinoma	Metastasis	KMT2A	P599L	OncokB: Unknown	FALSE	11	118343607	C	T	Misense_Mutation	0.14777070063694267	785	FALSE	0.94	Clonal
P-0014396-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.26222222222222225	225	FALSE	1	Clonal
P-0014396-T01-IM6	Papillary thyroid carcinoma	Metastasis	AKT1	E17K	OncokB: Oncogenic	TRUE	14	105246531	C	T	Misense_Mutation	0.326	500	FALSE	1	Clonal
P-0014396-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.40555555555555556	360	FALSE	1	Clonal
P-0025080-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.28391167182429023	634	FALSE	1	Clonal
P-0025080-T01-IM6	Papillary thyroid carcinoma	Metastasis	MMP3K1	R1482*	OncokB: Likely Oncogenic	FALSE	5	56189412	C	T	Nonsense_Mutation	0.1925133689839572	935	FALSE	0.68	Subclonal
P-0025080-T01-IM6	Papillary thyroid carcinoma	Metastasis	ZFH3	Q1869*	OncokB: Likely Oncogenic	FALSE	16	72830976	G	A	Nonsense_Mutation	0.2774725274725275	728	FALSE	0.98	Clonal
P-0025080-T01-IM6	Papillary thyroid carcinoma	Metastasis	EPHA5	R306K	OncokB: Unknown	FALSE	4	66361255	C	T	Misense_Mutation	0.05836578754863814	514	FALSE	0.21	Subclonal
P-0025080-T01-IM6	Papillary thyroid carcinoma	Metastasis	KMT2B	S261C	OncokB: Unknown	FALSE	19	36229292	C	G	Misense_Mutation	0.06464930734573947	1021	FALSE	0.23	Subclonal
P-0034237-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.23140495887768996	363	FALSE	1	Clonal
P-0034237-T01-IM6	Papillary thyroid carcinoma	Metastasis	TP53	Y205C	OncokB: Likely Oncogenic	TRUE	17	7578235	T	C	Misense_Mutation	0.23085465099334073	901	FALSE	1	Clonal
P-0034237-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.21651785714285715	448	FALSE	0.94	Clonal
P-0034237-T01-IM6	Papillary thyroid carcinoma	Metastasis	PPP4R2	P98L	OncokB: Unknown	FALSE	9	73108193	C	T	Misense_Mutation	0.3225808451612903	31	FALSE	1	Clonal
P-0037622-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.2695417789757412	371	FALSE	0.94	Clonal
P-0037622-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.3117647058235294	170	FALSE	1	Clonal
P-0037622-T01-IM6	Papillary thyroid carcinoma	Metastasis	CSF3R	V5-8As*2	OncokB: Unknown	FALSE	1	36933755	CA		Frame_Shift_Del	0.05521472392638037	652	FALSE	0.19	Subclonal
P-0037731-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3897058823529412	136	FALSE	1	Clonal
P-0037731-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.5194805194805194	77	TRUE	1	Clonal
P-0037731-T01-IM6	Papillary thyroid carcinoma	Metastasis	TP53	R290H	OncokB: Likely Oncogenic	FALSE	17	7577069	C	T	Misense_Mutation	0.02399209800883235	334	FALSE	0.12	Subclonal
P-0037731-T01-IM6	Papillary thyroid carcinoma	Metastasis	NSD2	R784W	OncokB: Unknown	FALSE	4	1956899	C	T	Misense_Mutation	0.05982905982905983	234	FALSE	0.09	Subclonal
P-0044120-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.20754716981132076	265	FALSE	0.7	Subclonal
P-0044120-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2554954954954955	555	FALSE	1	Clonal
P-0044440-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.4214876033057851	363	FALSE	1	Clonal
P-0044440-T01-IM6	Papillary thyroid carcinoma	Metastasis	UZAF1	S34F	OncokB: Likely Oncogenic	TRUE	21	44524456	G	A	Misense_Mutation	0.3321554770318021	283	FALSE	0.86	Clonal
P-0044440-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.35135025	256	FALSE	0.91	Clonal
P-0044440-T01-IM6	Papillary thyroid carcinoma	Metastasis	ARID1B	H93L	OncokB: Unknown	FALSE	6	157099341	A	T	Misense_Mutation	0.13191489361702127	235	FALSE	0.34	Subclonal
P-0044440-T01-IM6	Papillary thyroid carcinoma	Metastasis	KLF4	A163V	OncokB: Unknown	FALSE	9	110250187	G	A	Misense_Mutation	0.07202164690054988	486	FALSE	0.19	Subclonal
P-0000715-T03-IM3	Papillary thyroid carcinoma	Metastasis	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256329	T	C	Misense_Mutation	0.300618576392573	754	FALSE	1	Clonal
P-0000715-T03-IM3	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.4117647058823529	238	TRUE	0.92	Clonal

P-000715-T01-IM3	Papillary thyroid carcinoma	Metastasis	RBM10	D603E*36	OncokB: Likely Oncogenic	FALSE	23	4704541	CGAGATGA		Frame_Shift_Del	0.4837962962962963	432	TRUE	1	Clonal
P-000715-T01-IM3	Papillary thyroid carcinoma	Metastasis	RK3C2G	P98IL	OncokB: Unknown	FALSE	12	1865284	C	T	Misense_Mutation	0.3196053748231965	707	TRUE	1	Clonal
P-000715-T01-IM3	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.5146726802302483	1329	FALSE	1	Clonal
P-000715-T01-IM3	Papillary thyroid carcinoma	Metastasis	BRCA1	L1705V	OncokB: Likely Oncogenic	FALSE	17	41215930	G	C	Misense_Mutation	0.36335403726708076	966	FALSE	1	Clonal
P-000715-T01-IM3	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.494475138221547	362	FALSE	1	Clonal
P-000715-T01-IM3	Papillary thyroid carcinoma	Metastasis	EPHA3	D129N	OncokB: Unknown	FALSE	3	89259241	G	A	Misense_Mutation	0.3375796178343949	1099	FALSE	0.96	Clonal
P-000715-T01-IM3	Papillary thyroid carcinoma	Metastasis	PARP1	D307N	OncokB: Unknown	FALSE	1	226573297	C	T	Misense_Mutation	0.07159005275056518	1327	FALSE	0.28	Subclonal
P-000715-T01-IM3	Papillary thyroid carcinoma	Metastasis	KDM5C	E286Q	OncokB: Unknown	FALSE	23	53241055	C	G	Misense_Mutation	0.4102121640485655	1146	FALSE	1	Clonal
P-000715-T01-IM3	Papillary thyroid carcinoma	Metastasis	ETV1	Q75E	OncokB: Unknown	FALSE	7	14017064	G	C	Misense_Mutation	0.2313559322033882	1180	FALSE	0.89	Clonal
P-000715-T01-IM3	Papillary thyroid carcinoma	Metastasis	CUL3	D127N	OncokB: Unknown	FALSE	2	225379489	C	T	Misense_Mutation	0.0796554359526372	929	FALSE	0.23	Subclonal
P-000715-T01-IM3	Papillary thyroid carcinoma	Metastasis	TET1	E1475Q	OncokB: Unknown	FALSE	10	70412313	G	C	Misense_Mutation	0.3371242891957598	1231	FALSE	0.96	Clonal
P-000715-T01-IM3	Papillary thyroid carcinoma	Metastasis	TSC2	E1490Q	OncokB: Unknown	FALSE	16	2134691	G	C	Misense_Mutation	0.366217913041478	460	FALSE	1	Clonal
P-000715-T01-IM3	Papillary thyroid carcinoma	Metastasis	CUL3	R173Q	OncokB: Unknown	FALSE	2	225379349	CC	TT	Misense_Mutation	0.058629232039636665	1211	FALSE	0.17	Subclonal
P-0001910-T01-IM3	Papillary thyroid carcinoma	Metastasis	CTNNB1	S33P	OncokB: Likely Oncogenic	TRUE	3	41266100	T	C	Misense_Mutation	0.4177514792894083	845	FALSE	0.97	Clonal
P-0001910-T01-IM3	Papillary thyroid carcinoma	Metastasis	TBK1	F346Q*17	OncokB: Likely Oncogenic	FALSE	12	115114181		AGCTG	Frame_Shift_Ins	0.3230598072781655	1003	FALSE	0.75	Subclonal
P-0001910-T01-IM3	Papillary thyroid carcinoma	Metastasis	CTNNB1	Y30S	OncokB: Unknown	FALSE	3	41266092	A	C	Misense_Mutation	0.4245742092457421	822	FALSE	0.99	Clonal
P-0001910-T01-IM3	Papillary thyroid carcinoma	Metastasis	TET2	I879H	OncokB: Unknown	FALSE	4	106157735	T	A	Misense_Mutation	0.4395604395043955	728	FALSE	1	Clonal
P-0006259-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3387856137877069	737	FALSE	1	Clonal
P-0006259-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.3226880756302521	595	FALSE	0.98	Clonal
P-0008103-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3528102955195424	1049	FALSE	0.97	Clonal
P-0008103-T01-IM5	Papillary thyroid carcinoma	Metastasis	ATM	M1714A5*6	OncokB: Likely Oncogenic	FALSE	11	108170575	AT		Frame_Shift_Del	0.31366795366795367	1295	FALSE	0.98	Clonal
P-0008103-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.3908256880731945	545	FALSE	1	Clonal
P-0019472-T01-IM6	Papillary thyroid carcinoma	Metastasis	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	115236530	G	T	Misense_Mutation	0.3813646966731898	1022	FALSE	1	Clonal
P-0021319-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3531202435312024	657	FALSE	1	Clonal
P-0021319-T01-IM6	Papillary thyroid carcinoma	Metastasis	ATM	X974_splice	OncokB: Likely Oncogenic	FALSE	11	108141875	T	G	Splice_Site	0.3743218806509946	563	FALSE	1	Clonal
P-0021319-T01-IM6	Papillary thyroid carcinoma	Metastasis	KRAS	G12D	OncokB: Oncogenic	TRUE	12	2539824	C	T	Misense_Mutation	0.3186440677961014	885	FALSE	0.91	Clonal
P-0021319-T01-IM6	Papillary thyroid carcinoma	Metastasis	INPP4A	S905W	OncokB: Unknown	FALSE	2	99193519	C	G	Misense_Mutation	0.3248259880788863	862	FALSE	0.93	Clonal
P-0021319-T01-IM6	Papillary thyroid carcinoma	Metastasis	H1-2	K199Q*13	OncokB: Unknown	FALSE	6	2605632		G	Frame_Shift_Ins	0.3280507131572425	631	FALSE	0.93	Clonal
P-0027119-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	G	A	S'Flank	0.59243697489916	476	FALSE	1	Clonal
P-0027336-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.275925499021526	511	FALSE	1	Clonal
P-0027336-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.251989389204244	377	FALSE	0.98	Clonal
P-0027336-T01-IM6	Papillary thyroid carcinoma	Metastasis	TET2	S1638*	OncokB: Likely Oncogenic	FALSE	4	106196580	C	G	Nonsense_Mutation	0.2529069767418005	344	FALSE	0.98	Clonal
P-0027336-T01-IM6	Papillary thyroid carcinoma	Metastasis	STAG2	Y712L*15	OncokB: Likely Oncogenic	FALSE	23	123200063		T	Frame_Shift_Ins	0.457891325012048	332	TRUE	1	Clonal
P-0027336-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRCA2	E3254D	OncokB: Unknown	FALSE	13	32972418	G	C	Misense_Mutation	0.25	592	FALSE	0.97	Clonal
P-0027336-T01-IM6	Papillary thyroid carcinoma	Metastasis	MTOR	M2387I	OncokB: Unknown	FALSE	1	11174873	C	T	Misense_Mutation	0.265139114020946	611	FALSE	1	Clonal
P-0027336-T01-IM6	Papillary thyroid carcinoma	Metastasis	FAT1	C4184A	OncokB: Unknown	FALSE	4	187518143	C	G	Misense_Mutation	0.30851365829787234	564	FALSE	1	Clonal
P-0027336-T01-IM6	Papillary thyroid carcinoma	Metastasis	BTX	L542M	OncokB: Unknown	FALSE	23	100609525	G	T	Misense_Mutation	0.5064516129032258	310	FALSE	1	Clonal
P-0030292-T01-IM6	Papillary thyroid carcinoma	Metastasis	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115236529	T	C	Misense_Mutation	0.474783406400631	634	FALSE	1	Clonal
P-0030292-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.4110850439881698	341	FALSE	1	Clonal
P-0030292-T01-IM6	Papillary thyroid carcinoma	Metastasis	DNMT3A	S714C	OncokB: Likely Oncogenic	FALSE	2	25463541	G	C	Misense_Mutation	0.5258467023172906	561	FALSE	1	Clonal
P-0030292-T01-IM6	Papillary thyroid carcinoma	Metastasis	EZH1	C586F	OncokB: Unknown	FALSE	17	4085107	C	A	Misense_Mutation	0.44755162241887904	678	FALSE	1	Clonal
P-0033301-T01-IM6	Papillary thyroid carcinoma	Metastasis	RAV50	S336C	OncokB: Unknown	FALSE	5	131923737	C	G	Misense_Mutation	0.2437279865683024	279	FALSE	0.75	Subclonal
P-0035136-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.23711340206185566	388	FALSE	1	Clonal
P-0035136-T01-IM6	Papillary thyroid carcinoma	Metastasis	TP53	P151T	OncokB: Likely Oncogenic	TRUE	17	7578479	G	T	Misense_Mutation	0.037815126050420166	714	FALSE	0.16	Subclonal
P-0035136-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.22868570967741934	248	FALSE	0.99	Clonal
P-0035136-T01-IM6	Papillary thyroid carcinoma	Metastasis	TCF3	S728F*48	OncokB: Likely Oncogenic	FALSE	19	1632331	CCGG		Frame_Shift_Del	0.1183674683877551	735	FALSE	0.51	Subclonal
P-0035136-T01-IM6	Papillary thyroid carcinoma	Metastasis	SETD2	L2155F	OncokB: Unknown	FALSE	3	47098811	G	A	Misense_Mutation	0.06948228882833787	734	FALSE	0.3	Subclonal
P-0036937-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	G	A	S'Flank	0.3293785455994065	337	FALSE	0.89	Clonal
P-0036937-T01-IM6	Papillary thyroid carcinoma	Metastasis	BCOR	Y869*	OncokB: Likely Oncogenic	FALSE	23	39931992		TT	Nonsense_Mutation	0.3961661341853035	313	TRUE	1	Clonal
P-0036937-T01-IM6	Papillary thyroid carcinoma	Metastasis	ERCC2	R616W	OncokB: Unknown	FALSE	19	45850600	G	A	Misense_Mutation	0.27425373134238357	536	FALSE	0.74	Subclonal
P-0036937-T01-IM6	Papillary thyroid carcinoma	Metastasis	SETD2	D1616V	OncokB: Unknown	FALSE	3	47144906	T	A	Misense_Mutation	0.059322033880305086	236	FALSE	0.16	Subclonal
P-0038194-T01-IM6	Papillary thyroid carcinoma	Metastasis	MAP3K1	R364Q	OncokB: Unknown	FALSE	5	56161222	G	A	Misense_Mutation	0.4015748011490063	889	FALSE	1	Clonal

P-0028134-T01-IM6	Papillary thyroid carcinoma	Metastasis	MEN1	M563K	OncoKB: Unknown	FALSE	11	64571966	A	T	Misense_Mutation	0.686746987518072	747	TRUE	1	Clonal
P-0028134-T01-IM6	Papillary thyroid carcinoma	Metastasis	HNF1A	P53L	OncoKB: Unknown	FALSE	12	121426767	C	T	Misense_Mutation	0.065778947388421052	1064	FALSE	0.17	Subclonal
P-0002986-T02-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.448192771084833736	415	FALSE	1	Clonal
P-0002986-T02-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.42160278745644997	287	FALSE	1	Clonal
P-0002986-T02-IM6	Papillary thyroid carcinoma	Metastasis	BCOR	E17146A*11	OncoKB: Likely Oncogenic	FALSE	23	39911490	C		Frame_Shift_Del	0.81020042178074866	374	FALSE	1	Clonal
P-0002986-T02-IM6	Papillary thyroid carcinoma	Metastasis	CHEK1	G195E	OncoKB: Unknown	FALSE	11	125903217	G	A	Misense_Mutation	0.0693090909090909	440	FALSE	0.18	Subclonal
P-0002986-T02-IM6	Papillary thyroid carcinoma	Metastasis	NKX2-1	K253I	OncoKB: Unknown	FALSE	14	36986930	CT	AA	Misense_Mutation	0.39285714285714285	532	FALSE	0.92	Clonal
P-0002986-T02-IM6	Papillary thyroid carcinoma	Metastasis	EGFR	E276Y*53	OncoKB: Unknown	FALSE	7	55087048	G		Frame_Shift_Del	0.376865671641791	258	FALSE	0.85	Clonal
P-0013634-T01-IM5	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.39493293939165425	671	FALSE	1	Clonal
P-0013634-T01-IM5	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.449273623188406	276	FALSE	1	Clonal
P-0013634-T01-IM5	Papillary thyroid carcinoma	Metastasis	MEN1	E341*	OncoKB: Likely Oncogenic	FALSE	11	64573747	C	A	Nonsense_Mutation	0.950582332941176	425	TRUE	1	Clonal
P-0021111-T01-IM6	Papillary thyroid carcinoma	Metastasis	NRAS	Q61R	OncoKB: Oncogenic	TRUE	1	115256229	T	C	Misense_Mutation	0.43251085341074	689	FALSE	1	Clonal
P-0021111-T01-IM6	Papillary thyroid carcinoma	Metastasis	DIS3	R606_T607del	OncoKB: Unknown	FALSE	13	73342984	TGGTAA		In_Frame_Del	0.8101694915254237	295	TRUE	1	Clonal
P-0021529-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.22986822940409957	683	FALSE	1	Clonal
P-0021529-T01-IM6	Papillary thyroid carcinoma	Metastasis	EIF1AX	P2A	OncoKB: Likely Oncogenic	TRUE	23	20159755	G	C	Misense_Mutation	0.4871584699453552	183	FALSE	1	Clonal
P-0021529-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.1596385421686746	332	FALSE	0.71	Subclonal
P-0022607-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	T	S'Flank	0.313191483361702126	235	FALSE	1	Clonal
P-0022607-T01-IM6	Papillary thyroid carcinoma	Metastasis	RBM10	R429H*42	OncoKB: Likely Oncogenic	FALSE	23	47028820	CGTT		Frame_Shift_Del	0.378378378378784	296	FALSE	1	Clonal
P-0022607-T01-IM6	Papillary thyroid carcinoma	Metastasis	GATA3	X308_splice	OncoKB: Likely Oncogenic	FALSE	10	8111407	TEACCCCTCTCTCTCCCCACTCTCA		Splice_Site	0.4262295081967213	61	TRUE	1	Clonal
P-0027265-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3755795981452859	647	FALSE	0.9	Clonal
P-0027265-T01-IM6	Papillary thyroid carcinoma	Metastasis	CDKN2A	D108N	OncoKB: Likely Oncogenic	TRUE	9	21971096	C	T	Misense_Mutation	0.7547683923705722	367	TRUE	1	Clonal
P-0027265-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.5975903614457831	830	FALSE	1	Clonal
P-0027265-T01-IM6	Papillary thyroid carcinoma	Metastasis	APC	K2180N	OncoKB: Unknown	FALSE	5	112177831	G	C	Misense_Mutation	0.2493095077262933	906	FALSE	0.89	Clonal
P-0027265-T01-IM6	Papillary thyroid carcinoma	Metastasis	BMP1LA	E276K	OncoKB: Unknown	FALSE	10	88677041	G	A	Misense_Mutation	0.4789366984478936	451	FALSE	1	Clonal
P-0027265-T01-IM6	Papillary thyroid carcinoma	Metastasis	TRAF2	K210G*59	OncoKB: Unknown	FALSE	9	139793250	C		Frame_Shift_Ins	0.712430426716341	539	TRUE	0.99	Clonal
P-0028503-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3223880970149254	335	FALSE	1	Clonal
P-0028503-T01-IM6	Papillary thyroid carcinoma	Metastasis	DIS3	D479G	OncoKB: Likely Oncogenic	TRUE	13	73346394	T	C	Misense_Mutation	0.12012987012987013	308	TRUE	0.4	Subclonal
P-0028503-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.27492447129909364	331	TRUE	0.91	Clonal
P-0028503-T01-IM6	Papillary thyroid carcinoma	Metastasis	CDC73	R139Q	OncoKB: Unknown	FALSE	1	193104712	G	A	Misense_Mutation	0.0504201680872389	238	FALSE	0.17	Subclonal
P-0028953-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.2801724137931034	464	FALSE	1	Clonal
P-0028953-T01-IM6	Papillary thyroid carcinoma	Metastasis	TP53	Y163N	OncoKB: Likely Oncogenic	TRUE	17	7578443	AG	TA	Misense_Mutation	0.08951965065502183	458	FALSE	0.32	Subclonal
P-0028953-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2883720930232584	215	TRUE	1	Clonal
P-0028953-T01-IM6	Papillary thyroid carcinoma	Metastasis	RRAS2	K164E	OncoKB: Unknown	FALSE	1	9921525	T	C	Misense_Mutation	0.27455357142857145	448	FALSE	0.98	Clonal
P-0031469-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.3271080837831774	428	FALSE	1	Clonal
P-0031469-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2328767123287671	146	FALSE	0.49	Subclonal
P-0031469-T01-IM6	Papillary thyroid carcinoma	Metastasis	PRKN	R420C	OncoKB: Unknown	FALSE	6	161781147	G	A	Misense_Mutation	0.13105413105413105	351	FALSE	0.4	Subclonal
P-0031469-T01-IM6	Papillary thyroid carcinoma	Metastasis	INPP4B	D870G	OncoKB: Unknown	FALSE	4	143003217	T	C	Misense_Mutation	0.2210144927336232	276	FALSE	0.68	Subclonal
P-0031504-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.2214083606557377	488	FALSE	0.82	Clonal
P-0031504-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.28055555555555555	360	FALSE	1	Clonal
P-0031504-T01-IM6	Papillary thyroid carcinoma	Metastasis	SESN2	A379T	OncoKB: Unknown	FALSE	1	28601450	G	A	Misense_Mutation	0.27309236947931166	747	FALSE	0.99	Clonal
P-0031504-T01-IM6	Papillary thyroid carcinoma	Metastasis	RRAS2	V93I	OncoKB: Unknown	FALSE	11	14316331	C	T	Misense_Mutation	0.21626297577854672	578	FALSE	0.79	Subclonal
P-0031504-T01-IM6	Papillary thyroid carcinoma	Metastasis	PK2	A54V	OncoKB: Unknown	FALSE	5	57753626	G	A	Misense_Mutation	0.29549548747911387	999	FALSE	1	Clonal
P-0031504-T01-IM6	Papillary thyroid carcinoma	Metastasis	MDC1	E149D	OncoKB: Unknown	FALSE	6	30681650	C	G	Misense_Mutation	0.2529118136439268	601	FALSE	0.92	Clonal
P-0031516-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.2563380281690141	355	FALSE	1	Clonal
P-0031516-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.45477872340425517	376	FALSE	1	Clonal
P-0031516-T01-IM6	Papillary thyroid carcinoma	Metastasis	ARID5B	E486K	OncoKB: Unknown	FALSE	10	63850678	G	A	Misense_Mutation	0.11647727272727272	352	FALSE	0.94	Clonal
P-0031516-T01-IM6	Papillary thyroid carcinoma	Metastasis	MAP3K1	K1342R	OncoKB: Unknown	FALSE	5	56181801	A	G	Misense_Mutation	0.1088823294117647	340	FALSE	0.85	Clonal
P-0036174-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.23228284465692914	254	FALSE	0.97	Clonal
P-0036174-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2483221476510067	447	FALSE	1	Clonal
P-0036174-T01-IM6	Papillary thyroid carcinoma	Metastasis	STAG2	N699K1*4	OncoKB: Likely Oncogenic	FALSE	23	123199794	A		Frame_Shift_Ins	0.21164021164021163	189	TRUE	0.89	Clonal
P-0036174-T01-IM6	Papillary thyroid carcinoma	Metastasis	IRS2	T777M	OncoKB: Unknown	FALSE	13	110436071	G	A	Misense_Mutation	0.055504523612065326	1592	TRUE	0.23	Subclonal
P-0040793-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.16187895613577	766	FALSE	0.68	Subclonal

P.0040793-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.17053206002728513	733	FALSE	0.72	Subclonal
P.0043645-T01-IM6	Papillary thyroid carcinoma	Metastasis	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	11525630	G	T	Misense_Mutation	0.4369209200264303	367	FALSE	1	Clonal
P.0043645-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.4158878504672897	428	FALSE	0.98	Clonal
P.0043645-T01-IM6	Papillary thyroid carcinoma	Metastasis	ATRX	R1417W	OncokB: Unknown	FALSE	23	76909566	G	A	Misense_Mutation	0.10344827586206896	203	FALSE	0.24	Subclonal
P.0043645-T01-IM6	Papillary thyroid carcinoma	Metastasis	MYCL	L327F5*39	OncokB: Unknown	FALSE	1	40362346	CGCAG		Frame_Shift_Del	0.2887654823448694	651	FALSE	0.68	Subclonal
P.0047321-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRAF	V60E	OncokB: Oncogenic	TRUE	7	140463336	A	T	Misense_Mutation	0.3079178886304986	341	FALSE	1	Clonal
P.0047321-T01-IM6	Papillary thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.27455357142857145	448	TRUE	0.94	Clonal
P.0047321-T01-IM6	Papillary thyroid carcinoma	Metastasis	AKT2	E17K	OncokB: Oncogenic	FALSE	19	40762959	C	T	Misense_Mutation	0.2862190812720848	849	TRUE	0.95	Clonal
P.0047321-T01-IM6	Papillary thyroid carcinoma	Metastasis	FANCA	F315S	OncokB: Unknown	FALSE	16	89862377	G	A	Misense_Mutation	0.3213957759412305	1089	TRUE	1	Clonal
P.0047321-T01-IM6	Papillary thyroid carcinoma	Metastasis	FGF3	E109Q	OncokB: Unknown	FALSE	11	69625468	C	G	Misense_Mutation	0.3128286027111575	959	FALSE	1	Clonal
P.0047321-T01-IM6	Papillary thyroid carcinoma	Metastasis	IGF1R	R1029T	OncokB: Unknown	FALSE	15	99478182	G	C	Misense_Mutation	0.2875	800	FALSE	0.95	Clonal
P.0047321-T01-IM6	Papillary thyroid carcinoma	Metastasis	BRD4	M126G	OncokB: Unknown	FALSE	19	15349872	C	T	Misense_Mutation	0.1467611390323886	988	FALSE	0.54	Subclonal
P.0047321-T01-IM6	Papillary thyroid carcinoma	Metastasis	MLH1	S184L	OncokB: Unknown	FALSE	3	37053316	C	T	Misense_Mutation	0.290052486187845	362	FALSE	0.94	Clonal
P.0001174-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	11525629	T	C	Misense_Mutation	0.4397946026763933	1278	FALSE	1	Clonal
P.0002029-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	KRAS	Q61R	OncokB: Oncogenic	TRUE	12	25380276	T	C	Misense_Mutation	0.4598765432087653	1296	FALSE	1	Clonal
P.0002029-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	MEN1	X224_splice	OncokB: Likely Oncogenic	FALSE	11	64571513	C	A	Splice_Site	0.796482120603015	398	FALSE	0.96	Clonal
P.0002890-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	KRAS	Q61R	OncokB: Oncogenic	TRUE	12	25380276	T	C	Misense_Mutation	0.44087501240875124	411	FALSE	1	Clonal
P.0002890-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	EIF1AX	X113_splice	OncokB: Likely Oncogenic	TRUE	23	20148701	AATGATACAGTTTCATTGATTTAGC		Splice_Site	0.4074074074074074	108	TRUE	1	Clonal
P.0002890-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	CDKN2C	Q93*	OncokB: Likely Oncogenic	FALSE	1	51439712	C	T	Nonsense_Mutation	0.22905027932960895	358	TRUE	0.58	Subclonal
P.0002902-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	11525629	T	C	Misense_Mutation	0.3756060677448066	724	TRUE	1	Clonal
P.0002902-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	ARID1A	S1791*	OncokB: Likely Oncogenic	FALSE	1	27105761	C	G	Nonsense_Mutation	0.40955631999317405	293	TRUE	1	Clonal
P.0002076-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	11525630	G	T	Misense_Mutation	0.4716981132075472	636	FALSE	1	Clonal
P.0002076-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	EIF1AX	X113_splice	OncokB: Likely Oncogenic	TRUE	23	20148726	C	T	Splice_Site	0.44015444015444016	518	TRUE	0.95	Clonal
P.0002076-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	GAGGG	AAGGA	S'Flank	0.4901185770790988	253	FALSE	1	Clonal
P.0002076-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	NOTCH1	D1429H*14	OncokB: Oncogenic	FALSE	9	139400066	CTGTAGTC	T	Frame_Shift_Del	0.44510885766676557	337	FALSE	0.96	Clonal
P.0002076-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	DAXX	A85P	OncokB: Unknown	FALSE	6	33289269	C	G	Misense_Mutation	0.55599214453831	509	FALSE	1	Clonal
P.0002212-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	11525629	T	C	Misense_Mutation	0.5126262626262627	396	TRUE	1	Clonal
P.0002212-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.33874439461883406	446	FALSE	0.99	Clonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	ATM	L2738*	OncokB: Likely Oncogenic	FALSE	11	108206633	T	A	Nonsense_Mutation	0.43359375	256	TRUE	0.85	Clonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	PFEN	Y396C*18	OncokB: Likely Oncogenic	FALSE	10	89720856	ACTTTCCCAATTTTAAAG		Frame_Shift_Del	0.3764705882352941	85	TRUE	0.74	Subclonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	RHOA	T37I	OncokB: Likely Oncogenic	TRUE	3	49412913	G	A	Misense_Mutation	0.2432424324242426	222	TRUE	0.48	Subclonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	SMARCD1	R183Q	OncokB: Likely Oncogenic	TRUE	12	50481162	G	A	Misense_Mutation	0.21951219512195122	287	TRUE	0.43	Subclonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	KDM5C	R943*	OncokB: Likely Oncogenic	FALSE	23	53226022	G	A	Nonsense_Mutation	0.535816638911748	349	TRUE	1	Clonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	SETD2	R2040*	OncokB: Likely Oncogenic	FALSE	3	47103828	G	A	Nonsense_Mutation	0.4722222222222222	216	TRUE	0.93	Clonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	ARID2	Q1347*	OncokB: Likely Oncogenic	FALSE	12	46245945	C	T	Nonsense_Mutation	0.46808510638297873	188	TRUE	0.92	Clonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	RAI1	X115_splice	OncokB: Likely Oncogenic	FALSE	15	41001222	G	A	Splice_Site	0.23020543178061673	227	TRUE	0.43	Subclonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	MSH6	E490K*2	OncokB: Likely Oncogenic	FALSE	2	48026590	G		Frame_Shift_Del	0.44188936170212766	188	TRUE	0.87	Clonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	CREBBP	P55L	OncokB: Unknown	FALSE	16	3831226	G	A	Misense_Mutation	0.2777777777777778	270	FALSE	0.82	Clonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	WZFI	D29N	OncokB: Unknown	FALSE	7	50867275	G	A	Misense_Mutation	0.134122287968418	507	FALSE	0.4	Subclonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	FAT1	T401M	OncokB: Unknown	FALSE	4	18752114	G	A	Misense_Mutation	0.5191256830601093	366	TRUE	1	Clonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	RET	A1105V	OncokB: Unknown	FALSE	10	43623686	C	T	Misense_Mutation	0.0582524271844602	206	TRUE	0.11	Subclonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	RFPDR	T1035M	OncokB: Unknown	FALSE	17	78919545	C	T	Misense_Mutation	0.4548611111111111	288	TRUE	0.89	Clonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	NOTCH4	R855H	OncokB: Unknown	FALSE	6	32180367	C	T	Misense_Mutation	0.20454545454545456	308	TRUE	0.4	Subclonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	GNA11	R338C	OncokB: Unknown	FALSE	19	3121109	C	T	Misense_Mutation	0.0549478268095652	460	TRUE	0.16	Subclonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	JAK1	E188K	OncokB: Unknown	FALSE	1	65350079	C	T	Misense_Mutation	0.18579668976068577	234	TRUE	0.96	Subclonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	INPP4A	R901H	OncokB: Unknown	FALSE	2	99193507	G	A	Misense_Mutation	0.5323637426900585	342	FALSE	1	Clonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	POLE	A581T	OncokB: Unknown	FALSE	12	133248854	C	T	Misense_Mutation	0.27445652179313043	368	TRUE	0.54	Subclonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	SPEN	K724Q	OncokB: Unknown	FALSE	1	16254906	G	A	Misense_Mutation	0.5245280318867924	265	TRUE	1	Clonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	JAK1	S1062F	OncokB: Unknown	FALSE	1	65301854	G	A	Misense_Mutation	0.2631578947368421	190	TRUE	0.52	Subclonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	JAK1	R873H	OncokB: Unknown	FALSE	1	65309599	C	T	Misense_Mutation	0.046153845513846156	325	TRUE	0.09	Subclonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	NTRK3	V715M	OncokB: Unknown	FALSE	1	15684987	G	A	Misense_Mutation	0.05128205128205128	390	TRUE	0.1	Subclonal
P.0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	ASXL2	G69D	OncokB: Unknown	FALSE	2	26029144	C	T	Misense_Mutation	0.17647058823529413	221	TRUE	0.35	Subclonal

P-0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	FAT1	R548H	OncokB: Unknown	FALSE	4	187629339	C	T	Missense_Mutation	0.16314199395770393	331	TRUE	0.32	Subclonal
P-0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	RASA1	Y415F	OncokB: Unknown	FALSE	5	86645172	A	T	Missense_Mutation	0.1641212137404518015	262	FALSE	0.49	Subclonal
P-0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	NSD1	A2452T	OncokB: Unknown	FALSE	5	176721723	G	A	Missense_Mutation	0.38181818181818183	440	FALSE	1	Clonal
P-0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	FANCA	A1346V	OncokB: Unknown	FALSE	16	89805671	G	A	Missense_Mutation	0.3547619047619048	420	FALSE	1	Clonal
P-0002903-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	BCOR	A29V	OncokB: Unknown	FALSE	23	39937109	G	A	Missense_Mutation	0.48247978436657655	371	TRUE	0.95	Clonal
P-0002967-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.524390243902439	164	FALSE	1	Clonal
P-0002967-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	NCOR1	Q800*	OncokB: Likely Oncogenic	FALSE	17	16004856	G	A	Nonsense_Mutation	0.10555555555555556	180	FALSE	0.2	Subclonal
P-0002967-T01-IM3	Poorly differentiated thyroid carcinoma	Primary	CTCF	E141*	OncokB: Likely Oncogenic	FALSE	16	67645156	G	T	Nonsense_Mutation	0.352448275862026855	232	FALSE	1	Clonal
P-0003178-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Missense_Mutation	0.404789035917902	877	FALSE	0.99	Clonal
P-0003178-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	PIK3CA	H1047R	OncokB: Oncogenic	TRUE	3	178952085	A	G	Missense_Mutation	0.03413940256045195	703	FALSE	0.08	Subclonal
P-0003178-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	PIK3CA	E542K	OncokB: Oncogenic	TRUE	3	178936082	G	A	Missense_Mutation	0.2764976958253346	217	FALSE	0.68	Subclonal
P-0003178-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	PTEN	R130*	OncokB: Oncogenic	FALSE	10	89692904	C	T	Nonsense_Mutation	0.021164021164021163	378	FALSE	0.05	Subclonal
P-0003178-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.4780701754385965	228	FALSE	1	Clonal
P-0003534-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.25700647446458	607	FALSE	1	Clonal
P-0003534-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.215	200	FALSE	0.86	Clonal
P-0003804-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	BRAF	K601E	OncokB: Likely Oncogenic	TRUE	7	140453134	T	C	Missense_Mutation	0.4311023622047244	508	FALSE	1	Clonal
P-0003804-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	CREBBP	Y559F*7	OncokB: Likely Oncogenic	FALSE	16	3828151	G	G	Frame_Shift_Del	0.1474724165202111	569	FALSE	0.98	Clonal
P-0003804-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	STAT3	M2R	OncokB: Unknown	FALSE	17	40500451	C	G	Missense_Mutation	0.4299674267100974	921	TRUE	1	Clonal
P-0003825-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	HRAS	Q61R	OncokB: Likely Oncogenic	TRUE	11	533874	T	C	Missense_Mutation	0.4618421052631579	760	FALSE	1	Clonal
P-0003825-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	H3C10	Q56*	OncokB: Unknown	FALSE	6	27778017	C	T	Nonsense_Mutation	0.4398826979472141	1705	FALSE	0.99	Clonal
P-0004274-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	HRAS	Q61K	OncokB: Oncogenic	TRUE	11	533875	G	T	Missense_Mutation	0.34201183431952664	845	FALSE	0.98	Clonal
P-0004274-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	PTEN	Y27N	OncokB: Likely Oncogenic	TRUE	10	89624305	T	A	Missense_Mutation	0.34307892307692306	650	FALSE	0.98	Clonal
P-0004274-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	PTEN	X70_splice	OncokB: Likely Oncogenic	TRUE	10	89685314	TG		Splice_Site	0.2878787878787879	528	FALSE	0.82	Clonal
P-0004274-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.3711656441717936	326	FALSE	1	Clonal
P-0004274-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	ARID2	R1769*	OncokB: Likely Oncogenic	FALSE	12	46287446	C	T	Nonsense_Mutation	0.3104166666666667	960	FALSE	0.89	Clonal
P-0004274-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	ERCC4	S785N	OncokB: Unknown	FALSE	16	14041807	G	A	Missense_Mutation	0.36363636363636365	924	FALSE	1	Clonal
P-0004404-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Missense_Mutation	0.40039447731755423	507	FALSE	0.96	Clonal
P-0004404-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.46621621621621623	296	FALSE	1	Clonal
P-0004404-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	KMT2D	C392K*9	OncokB: Likely Oncogenic	FALSE	12	49446429	GCAT		Frame_Shift_Del	0.373546511627907	688	FALSE	0.89	Clonal
P-0004800-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	115256530	G	T	Missense_Mutation	0.37114020618567	582	TRUE	0.89	Clonal
P-0004800-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	E1F1AX	X113_splice	OncokB: Likely Oncogenic	TRUE	23	20148727	T	A	Splice_Site	0.6455696202531646	316	TRUE	1	Clonal
P-0004800-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.4168618266978923	427	FALSE	1	Clonal
P-0005825-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	ARID1A	X1289_splice	OncokB: Likely Oncogenic	FALSE	1	27099988	GT	TA	Splice_Site	0.3684771030138445	939	FALSE	0.87	Clonal
P-0005825-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	NFE2L2	R34G	OncokB: Likely Oncogenic	TRUE	2	178098945	G	C	Missense_Mutation	0.4263898630136986	584	FALSE	1	Clonal
P-0005825-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	RBM10	K458N*168	OncokB: Likely Oncogenic	FALSE	23	47041178	A	A	Frame_Shift_Del	0.4278998198747046	1269	FALSE	1	Clonal
P-0006064-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.1923119592875318	796	FALSE	0.52	Subclonal
P-0006064-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.36628849270664504	617	FALSE	1	Clonal
P-0006064-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	SMO	D255N	OncokB: Unknown	FALSE	7	128845466	G	A	Missense_Mutation	0.23184079601990049	1005	FALSE	0.62	Subclonal
P-0006590-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.3094736842105263	475	TRUE	1	Clonal
P-0006590-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	TP53	R175H	OncokB: Oncogenic	TRUE	17	7578406	C	T	Missense_Mutation	0.11462450592885376	506	TRUE	0.26	Subclonal
P-0006590-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	TP53	S241C	OncokB: Likely Oncogenic	TRUE	17	7577559	G	C	Missense_Mutation	0.111234851228978	773	TRUE	0.25	Subclonal
P-0006590-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.4166666666666667	684	FALSE	1	Clonal
P-0006590-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	ASXL2	H61Y	OncokB: Unknown	FALSE	2	26029169	G	A	Missense_Mutation	0.05588235294117647	680	FALSE	0.18	Subclonal
P-0006590-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	ETV6	R390Q	OncokB: Unknown	FALSE	12	12037445	G	A	Missense_Mutation	0.091991319139134198	924	FALSE	0.3	Subclonal
P-0007392-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295230	G	A	5'Flank	0.3463687150837989	537	FALSE	1	Clonal
P-0007649-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Missense_Mutation	0.7764705882352941	425	TRUE	1	Clonal
P-0007649-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.42	450	FALSE	1	Clonal
P-0007649-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	BCOR	K1256T*20	OncokB: Likely Oncogenic	FALSE	23	39922940	TT		Frame_Shift_Del	0.1747081865560733	601	TRUE	0.42	Subclonal
P-0007649-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	CARD11	V62M	OncokB: Unknown	FALSE	7	2962834	C	T	Missense_Mutation	0.09907834101382489	868	FALSE	0.24	Subclonal
P-0007649-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	RP56K4	R62W	OncokB: Unknown	FALSE	11	64139061	C	T	Missense_Mutation	0.101432968213891	907	FALSE	0.24	Subclonal
P-0010762-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.259394962406015	266	FALSE	0.96	Clonal
P-0010762-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	TSNR	S505N	OncokB: Unknown	FALSE	14	81609916	G	A	Missense_Mutation	0.22885572139303484	201	FALSE	0.62	Subclonal

P-0010762-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	PTPR	Q1199R	OncokB: Unknown	FALSE	20	40733210	T	C	Missense_Mutation	0.3414634146341463	123	FALSE	0.92	Clonal
P-0010900-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Likely Oncogenic	TRUE	11	533874	T	C	Missense_Mutation	0.42085522380597	335	TRUE	0.72	Subclonal
P-0010900-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.6428571428571429	42	TRUE	1	Clonal
P-0010900-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	FH	L214_H215delinsF	OncokB: Unknown	FALSE	1	241671997	TGT		In_Frame_Del	0.455238805970149	268	FALSE	1	Clonal
P-0010943-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	11525629	T	C	Missense_Mutation	0.849634060150376	266	TRUE	0.93	Clonal
P-0010943-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	SDX17	S334L	OncokB: Unknown	FALSE	8	55372311	C	T	Missense_Mutation	0.4886363636363636	440	TRUE	1	Clonal
P-0011160-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	11525630	G	T	Missense_Mutation	0.4419263456090513	706	FALSE	1	Clonal
P-0011160-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.418386491572224	533	FALSE	0.97	Clonal
P-0011160-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	NBN	R660I	OncokB: Unknown	FALSE	8	90958459	C	A	Missense_Mutation	0.3309608540925267	281	FALSE	0.81	Clonal
P-0011221-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	PTEN	R233*	OncokB: Likely Oncogenic	FALSE	10	89717672	C	T	Nonsense_Mutation	0.3723076923076923	650	TRUE	0.94	Clonal
P-0011221-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	MAP2K4	X297_splice	OncokB: Likely Oncogenic	TRUE	17	12028689	G	A	Splice_Site	0.3853211209174312	654	TRUE	0.98	Clonal
P-0011221-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	MAX	X99_splice	OncokB: Likely Oncogenic	FALSE	14	65544630	C	G	Splice_Site	0.4182776801400975	569	TRUE	1	Clonal
P-0011221-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	SETD2	G2211Yfs*32	OncokB: Likely Oncogenic	FALSE	3	47098636	GAATGTCC		Frame_Shift_Del	0.36375489178618	767	TRUE	0.92	Clonal
P-0011221-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	TENT5C	L99F	OncokB: Unknown	FALSE	1	11816785	C	T	Missense_Mutation	0.3924050612911392	395	TRUE	0.99	Clonal
P-0012417-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	11525630	G	T	Missense_Mutation	0.42517006802721086	588	FALSE	1	Clonal
P-0012417-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.3303030303030303	330	FALSE	0.98	Clonal
P-0014657-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.245145453136796117	824	FALSE	1	Clonal
P-0014657-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	ATM	X332_splice	OncokB: Likely Oncogenic	FALSE	11	308158326	G	C	Splice_Site	0.22734254992319508	651	FALSE	0.92	Clonal
P-0014657-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.242214532819723	867	FALSE	0.99	Clonal
P-0014657-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	SPN	P2581S	OncokB: Unknown	FALSE	1	16260476	C	T	Missense_Mutation	0.2513128320802005	798	FALSE	1	Clonal
P-0014777-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NF1	E318*	OncokB: Likely Oncogenic	FALSE	17	29527503	G	T	Nonsense_Mutation	0.059800664451827246	301	TRUE	0.13	Subclonal
P-0014777-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NF1	S2287Yfs*3	OncokB: Likely Oncogenic	FALSE	17	29665760	CAGT		Frame_Shift_Del	0.06741573033707865	267	TRUE	0.14	Subclonal
P-0014777-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	MGA	D2121*	OncokB: Likely Oncogenic	FALSE	15	42042162		T	Frame_Shift_Ins	0.0607734806298342	362	TRUE	0.13	Subclonal
P-0014777-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	POLD1	X390_splice	OncokB: Unknown	FALSE	19	50906658	CCGAGCGGCGGCAACCCACGGG		Splice_Site	0.05665117991304348	115	FALSE	0.21	Subclonal
P-0015811-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TP53	R175H	OncokB: Oncogenic	TRUE	17	7578406	C	T	Missense_Mutation	0.04398663734290844	1114	FALSE	0.1	Subclonal
P-0015811-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	BRAF	V600_K601delinsE	OncokB: Likely Oncogenic	TRUE	7	140453134	TCA		In_Frame_Del	0.36304700162074555	617	FALSE	0.82	Clonal
P-0015811-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.419973377703827	601	FALSE	0.94	Clonal
P-0015811-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	KDMSA	M942V	OncokB: Unknown	FALSE	12	427345	T	C	Missense_Mutation	0.4566844919786096	935	FALSE	1	Clonal
P-0016042-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	11525629	T	C	Missense_Mutation	0.4597826086956522	920	FALSE	1	Clonal
P-0016042-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	ERCC4	R729H	OncokB: Unknown	FALSE	16	14041630	G	A	Missense_Mutation	0.11764705882352941	867	FALSE	0.37	Subclonal
P-0016449-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	11525629	T	C	Missense_Mutation	0.3848987108655617	543	FALSE	1	Clonal
P-0016449-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.4689265536723164	177	TRUE	1	Clonal
P-0016449-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	MIF	N149Kfs*37	OncokB: Likely Oncogenic	FALSE	3	89987061	CAAAATAA		Frame_Shift_Del	0.364496397183099	568	FALSE	0.97	Clonal
P-0016449-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	RBM10	Q105Gfs*26	OncokB: Likely Oncogenic	FALSE	23	47034458	GC		Frame_Shift_Del	0.8832116788321168	411	TRUE	1	Clonal
P-0016707-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	11525630	G	T	Missense_Mutation	0.4484848484848485	495	FALSE	1	Clonal
P-0016707-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.49731931166548	523	FALSE	1	Clonal
P-0017965-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	PTEN	R159G	OncokB: Likely Oncogenic	FALSE	10	8969291	A	G	Missense_Mutation	0.2380923809523808	630	TRUE	0.41	Subclonal
P-0017965-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.3662551440329218	729	TRUE	1	Clonal
P-0017965-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	ASXL2	L419Hfs*13	OncokB: Likely Oncogenic	FALSE	2	29973168	AA		Frame_Shift_Del	0.0502394108139564	543	TRUE	0.16	Subclonal
P-0017965-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	SETD2	D1716Efs*3	OncokB: Likely Oncogenic	FALSE	3	47129279	TCCA		Frame_Shift_Del	0.2183333333333332	600	TRUE	0.38	Subclonal
P-0017965-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	PTPR	V1003I	OncokB: Unknown	FALSE	20	40747075	C	T	Missense_Mutation	0.0578206785767235	1349	FALSE	0.16	Subclonal
P-0017965-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	ATM	E2444_E2446del	OncokB: Unknown	FALSE	11	30820093	GAGCTGGAG		In_Frame_Del	0.06283662477558348	557	TRUE	0.11	Subclonal
P-0017965-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	CD79B	K91_L92del	OncokB: Unknown	FALSE	17	62007591	CAGCTT		In_Frame_Del	0.06159420289855073	1380	FALSE	0.17	Subclonal
P-0021057-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	11525630	G	T	Missense_Mutation	0.4165366614664587	641	FALSE	1	Clonal
P-0021894-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	ABL1	G254R	OncokB: Unknown	FALSE	9	33978860	G	A	Missense_Mutation	0.5299145299145299	468	FALSE	1	Clonal
P-0022360-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	11525629	T	C	Missense_Mutation	0.41041041041041043	999	FALSE	1	Clonal
P-0022360-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	BRAF	V600_S602del	OncokB: Likely Oncogenic	TRUE	7	140453130	GATTTCAC		In_Frame_Del	0.356143835616438	584	FALSE	0.91	Clonal
P-0022360-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.40039625	512	FALSE	1	Clonal
P-0022511-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NF1	S340Cfs*12	OncokB: Likely Oncogenic	FALSE	17	29527568			Frame_Shift_Del	0.1409090909090909	220	TRUE	0.42	Subclonal
P-0022511-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TP53	T151I	OncokB: Likely Oncogenic	TRUE	17	7578466	G	A	Missense_Mutation	0.3349511949885344	795	TRUE	1	Clonal
P-0022887-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.4214975845410628	828	FALSE	1	Clonal
P-0022887-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.6061899679829242	937	FALSE	1	Clonal

P-0022887-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	ARID2	S1071*	OncokB: Likely Oncogenic	FALSE	12	46245118	C	G	Nonsense_Mutation	0.2427536231884058	552	FALSE	0.95	Clonal
P-0022887-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	JAK3	G7125	OncokB: Unknown	FALSE	19	17945726	C	T	Missense_Mutation	0.32323732373237024	808	FALSE	1	Clonal
P-0022887-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	H3-3A	E74K	OncokB: Unknown	FALSE	1	226253448	G	A	Missense_Mutation	0.17167381974248927	233	FALSE	1	Clonal
P-0022887-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	ARID2	Q1096E	OncokB: Unknown	FALSE	12	46245192	C	G	Missense_Mutation	0.26119402985074625	536	FALSE	1	Clonal
P-0022887-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	SLX4	D1174E	OncokB: Unknown	FALSE	16	3640117	A	C	Missense_Mutation	0.2351712395638235	1284	FALSE	1	Clonal
P-0022887-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	FOXP1	Q171H	OncokB: Unknown	FALSE	3	71096244	T	G	Missense_Mutation	0.5033407572383074	449	FALSE	1	Clonal
P-0023640-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.2	730	FALSE	0.98	Clonal
P-0023640-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.23666666666666666	585	FALSE	1	Clonal
P-0023640-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NFE2L2	X56_splice	OncokB: Unknown	FALSE	2	178098551	CCATACTTCCCAAGACTGAGTAC		Splice_Site	0.4411764705882353	68	FALSE	1	Clonal
P-0023940-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	115256530	G	T	Missense_Mutation	0.3894230769230769	416	FALSE	0.99	Clonal
P-0023940-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.4339622641509434	265	FALSE	1	Clonal
P-0023940-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	RBM10	W530*	OncokB: Likely Oncogenic	FALSE	23	47041598	G	A	Nonsense_Mutation	0.787072243460076	263	TRUE	1	Clonal
P-0023940-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TSHR	I630L	OncokB: Unknown	FALSE	14	81610290	A	C	Missense_Mutation	0.36629213483146067	445	FALSE	0.93	Clonal
P-0024396-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.2139175257319587	388	FALSE	0.96	Clonal
P-0024396-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.21031746031746032	252	FALSE	0.95	Clonal
P-0024396-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	EGFR	A1013Vfs*38	OncokB: Unknown	FALSE	7	55268970	TGCCGA	CGTC	Frame_Shift_Del	0.2627737226277372	548	FALSE	1	Clonal
P-0024988-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	PTEN	S170R	OncokB: Oncogenic	TRUE	10	8971892	T	G	Missense_Mutation	0.6485648564856487	333	TRUE	1	Clonal
P-0024988-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.40512802512820513	390	FALSE	1	Clonal
P-0024988-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	MTOR	E240S_V240EdeletionDL	OncokB: Unknown	FALSE	1	11174459	CC	AG	Missense_Mutation	0.6281800391389493	511	TRUE	1	Clonal
P-0024988-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	JUN	D246N	OncokB: Unknown	FALSE	1	59248007	C	T	Missense_Mutation	0.0521978021978022	364	TRUE	0.09	Subclonal
P-0025022-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	PTCH1	S1203Afs*52	OncokB: Likely Oncogenic	FALSE	9	98211549	G		Frame_Shift_Del	0.586882490161894	610	TRUE	1	Clonal
P-0025022-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	PTEN	K267Rfs*9	OncokB: Likely Oncogenic	FALSE	10	89717770	A		Frame_Shift_Del	0.0982689595375723	346	TRUE	0.3	Subclonal
P-0025022-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	PTEN	R335*	OncokB: Oncogenic	FALSE	10	89720852	C	T	Nonsense_Mutation	0.1397515279903104	322	TRUE	0.43	Subclonal
P-0025022-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	PTEN	V1669fs*14	OncokB: Likely Oncogenic	FALSE	10	89693002		A	Frame_Shift_Ins	0.0553359683794664	253	TRUE	0.17	Subclonal
P-0025022-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	PTEN	I1685fs*11	OncokB: Likely Oncogenic	FALSE	10	89711883	TA		Frame_Shift_Del	0.20754716981132076	371	TRUE	0.64	Subclonal
P-0025022-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NF1	N916Kfs*3	OncokB: Likely Oncogenic	FALSE	17	29556378		A	Frame_Shift_Ins	0.631851851851852	540	TRUE	1	Clonal
P-0025022-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TP53	R337C	OncokB: Likely Oncogenic	TRUE	17	7574018	G	A	Missense_Mutation	0.02710413694721826	701	TRUE	0.08	Subclonal
P-0025022-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	GNAS	R201H	OncokB: Oncogenic	TRUE	20	57484421	G	A	Missense_Mutation	0.646652315608919	583	TRUE	1	Clonal
P-0025022-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	AXL1	G645Vfs*58	OncokB: Likely Oncogenic	FALSE	20	31022442	G		Frame_Shift_Del	0.6235955066179775	178	TRUE	1	Clonal
P-0025022-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	RNF43	G659Vfs*41	OncokB: Likely Oncogenic	FALSE	17	5645161	C		Frame_Shift_Del	0.6180527868852459	610	TRUE	1	Clonal
P-0025022-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	DNMT3A	R771*	OncokB: Likely Oncogenic	FALSE	2	25463182	G	A	Nonsense_Mutation	0.1135648994515394	547	TRUE	0.47	Subclonal
P-0025022-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	JAK1	P861Tfs*4	OncokB: Likely Oncogenic	FALSE	1	6530996		T	Frame_Shift_Ins	0.21256931608133087	541	TRUE	0.66	Subclonal
P-0025022-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	MSH2	Y570Lfs*20	OncokB: Likely Oncogenic	FALSE	2	47998151	A		Frame_Shift_Del	0.6204986149584487	361	TRUE	1	Clonal
P-0025022-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	RARA	P440Rfs*203	OncokB: Unknown	FALSE	17	38512402	C		Frame_Shift_Del	0.1614035087719283	570	TRUE	0.5	Subclonal
P-0025022-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	MET	A1363T	OncokB: Unknown	FALSE	7	116436092	G	A	Missense_Mutation	0.138308457714428	1005	TRUE	0.7	Subclonal
P-0025022-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	AR	A45T	OncokB: Unknown	FALSE	23	86765121	G	A	Missense_Mutation	0.16302765647743814	687	FALSE	0.83	Clonal
P-0025977-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Missense_Mutation	0.4150110375293983	453	FALSE	1	Clonal
P-0025977-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	ATM	E2295*	OncokB: Likely Oncogenic	FALSE	11	108196860	G	T	Nonsense_Mutation	0.3886279069767442	344	FALSE	0.95	Clonal
P-0025977-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	EF1AX	X113_splice	OncokB: Likely Oncogenic	TRUE	23	20148726	CT		Splice_Site	0.7931034482758621	87	TRUE	1	Clonal
P-0025977-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.4159090909090909	440	FALSE	1	Clonal
P-0025977-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	RAD21	T109A	OncokB: Unknown	FALSE	8	117874129	T	C	Missense_Mutation	0.4166666666666667	252	FALSE	1	Clonal
P-0026357-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.372972972972973	185	FALSE	1	Clonal
P-0026357-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NOTCH3	Q11225fs*140	OncokB: Likely Oncogenic	FALSE	19	15290241	G		Frame_Shift_Del	0.31251231527093594	406	FALSE	0.96	Clonal
P-0026357-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	KMT2A	P13L	OncokB: Unknown	FALSE	11	11830765	C	T	Missense_Mutation	0.2037037037037037	54	TRUE	0.39	Subclonal
P-0026357-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	KMT2A	N2021H	OncokB: Unknown	FALSE	11	11837017	A	C	Missense_Mutation	0.3722627737226277	137	TRUE	0.7	Subclonal
P-0027815-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Missense_Mutation	0.496875	960	FALSE	1	Clonal
P-0027815-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	EF1AX	X113_splice	OncokB: Likely Oncogenic	TRUE	23	20148727	T	G	Splice_Site	0.5192546583850931	161	TRUE	1	Clonal
P-0027815-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.459537572543353	346	FALSE	0.98	Clonal
P-0027815-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	RBM10	S703*	OncokB: Likely Oncogenic	FALSE	23	47045016	C	G	Nonsense_Mutation	0.3690684992343033	653	TRUE	0.81	Clonal
P-0027815-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	RBM10	Q115*	OncokB: Likely Oncogenic	FALSE	23	47034489	C	T	Nonsense_Mutation	0.1598041958041958	572	TRUE	0.42	Subclonal
P-0027815-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	115256530	G	T	Missense_Mutation	0.452307623076923	650	FALSE	0.97	Clonal
P-0027815-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	FGFR1	D683N	OncokB: Unknown	FALSE	8	38272320	C	T	Missense_Mutation	0.4027565084266464	653	FALSE	0.86	Clonal

P-0027815-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	ATM	S1863P	OncokB: Unknown	FALSE	11	108175492	T	C	Missense_Mutation	0.69140625	256	FALSE	1	Clonal
P-0029603-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.3997214484679666	718	FALSE	1	Clonal
P-0029602-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	ARID1B	A272Wfs*89	OncokB: Likely Oncogenic	FALSE	6	157099874	CCCGCCGCCCGCCGGCCCGCCGCA		Frame_Shift_Del	0.28665413533883459	1064	FALSE	0.72	Subclonal
P-0029556-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Missense_Mutation	0.466237942121865	622	TRUE	1	Clonal
P-0029555-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.4922324452723493	481	FALSE	1	Clonal
P-0029556-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	INPPL1	V54E	OncokB: Unknown	FALSE	11	71948304	G	A	Missense_Mutation	0.21021021021021022	666	TRUE	0.6	Subclonal
P-0030296-T02-IM6	Poorly differentiated thyroid carcinoma	Primary	ATM	S214Pfs*16	OncokB: Likely Oncogenic	FALSE	11	108114817	T		Frame_Shift_Del	0.1805094130675526	903	TRUE	0.38	Subclonal
P-0030295-T02-IM6	Poorly differentiated thyroid carcinoma	Primary	NF1	E358Gfs*124	OncokB: Likely Oncogenic	FALSE	17	29570035	GAAGTATTAT		Frame_Shift_Del	0.44840051053623755	611	TRUE	0.95	Clonal
P-0030296-T02-IM6	Poorly differentiated thyroid carcinoma	Primary	DNMT3A	P59Rfs*13	OncokB: Likely Oncogenic	FALSE	2	25523009	G		Frame_Shift_Del	0.1652179130434782	805	TRUE	0.35	Subclonal
P-0030296-T02-IM6	Poorly differentiated thyroid carcinoma	Primary	TP53	R213Q	OncokB: Likely Oncogenic	FALSE	17	7578211	C	T	Missense_Mutation	0.2203547681007345	993	TRUE	0.47	Subclonal
P-0030296-T02-IM6	Poorly differentiated thyroid carcinoma	Primary	INPPL1	R1156Gfs*46	OncokB: Likely Oncogenic	FALSE	11	71948748	C		Frame_Shift_Del	0.06316174582794596	779	TRUE	0.13	Subclonal
P-0030296-T02-IM6	Poorly differentiated thyroid carcinoma	Primary	TP53BP1	E716Hfs*12	OncokB: Likely Oncogenic	FALSE	15	43748661	T		Frame_Shift_Del	0.20033715308863027	1117	TRUE	0.43	Subclonal
P-0030296-T02-IM6	Poorly differentiated thyroid carcinoma	Primary	ARID1B	P177Afs*55	OncokB: Likely Oncogenic	FALSE	6	157099578		C	Frame_Shift_Ins	0.09459454945494546	222	TRUE	0.2	Subclonal
P-0030296-T02-IM6	Poorly differentiated thyroid carcinoma	Primary	RECQL4	X454_splice	OncokB: Likely Oncogenic	FALSE	8	145740708	A	G	Splice_Site	0.076296076296076207	813	TRUE	0.16	Subclonal
P-0030296-T02-IM6	Poorly differentiated thyroid carcinoma	Primary	PTEN	E384I	OncokB: Unknown	FALSE	10	89653796	ATT		In_Frame_Del	0.4515570942556055	578	TRUE	0.96	Clonal
P-0030296-T02-IM6	Poorly differentiated thyroid carcinoma	Primary	ATRX	E225Sdel	OncokB: Unknown	FALSE	23	76778765	TCT		In_Frame_Del	0.29254571026272925	711	TRUE	0.91	Clonal
P-0030296-T02-IM6	Poorly differentiated thyroid carcinoma	Primary	JAK1	R454W	OncokB: Unknown	FALSE	1	65323437	G	A	Missense_Mutation	0.099008753332464146	757	TRUE	0.21	Subclonal
P-0030296-T02-IM6	Poorly differentiated thyroid carcinoma	Primary	NKX2-1	Q333K	OncokB: Unknown	FALSE	14	96986752	G	T	Missense_Mutation	0.48953048953048953	143	TRUE	1	Clonal
P-0030296-T02-IM6	Poorly differentiated thyroid carcinoma	Primary	MLH1	A539D	OncokB: Unknown	FALSE	3	37081734	C	A	Missense_Mutation	0.459915618143446	711	TRUE	0.97	Clonal
P-0030296-T02-IM6	Poorly differentiated thyroid carcinoma	Primary	EPHA3	R842Q	OncokB: Unknown	FALSE	3	89493555	G	A	Missense_Mutation	0.09405644854961832	655	TRUE	0.2	Subclonal
P-0030296-T02-IM6	Poorly differentiated thyroid carcinoma	Primary	MDC1	E898D	OncokB: Unknown	FALSE	6	30675662	C	A	Missense_Mutation	0.18220701454243439	1169	TRUE	0.39	Subclonal
P-0030819-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	CDKN2C	Q43K	OncokB: Unknown	FALSE	1	51436167	C	A	Missense_Mutation	0.24369747899159663	119	TRUE	1	Clonal
P-0031250-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140451336	A	T	Missense_Mutation	0.3824503311258278	604	FALSE	0.98	Clonal
P-0031250-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.3611859883274933	371	FALSE	0.93	Clonal
P-0031250-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TMPPSS2	T112I	OncokB: Unknown	FALSE	21	4286297	G	A	Missense_Mutation	0.06530089628681178	781	FALSE	0.17	Subclonal
P-0033004-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	115256530	G	T	Missense_Mutation	0.4570383931248629	547	FALSE	1	Clonal
P-0034218-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	DICER1	E1813K	OncokB: Likely Oncogenic	TRUE	14	95527630	C	T	Missense_Mutation	0.289095200663507	633	FALSE	0.97	Clonal
P-0034218-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	DICER1	X1402_splice	OncokB: Likely Oncogenic	FALSE	14	95566116	C		Splice_Site	0.30563002680965146	373	FALSE	1	Clonal
P-0036290-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	PTEN	I122N	OncokB: Likely Oncogenic	FALSE	10	89692881	T	A	Missense_Mutation	0.848342322274881	422	TRUE	1	Clonal
P-0036290-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.5795454545454546	440	FALSE	1	Clonal
P-0036290-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295172	C	T	S'Flank	0.5754189944134078	358	FALSE	1	Clonal
P-0036290-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	COP1	D584H	OncokB: Unknown	FALSE	1	17958595	G	G	Missense_Mutation	0.74324242432432	444	TRUE	1	Clonal
P-0036290-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	PKnox1A	K359G	OncokB: Unknown	FALSE	17	86528447	C	G	Missense_Mutation	0.066225165562919191	1057	FALSE	0.16	Subclonal
P-0037134-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	KEAP1	V155F	OncokB: Oncogenic	TRUE	19	10610247	C	A	Missense_Mutation	0.5621301751347929	507	FALSE	0.97	Clonal
P-0037134-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	STK11	K84*	OncokB: Likely Oncogenic	FALSE	19	1207162	A	T	Nonsense_Mutation	0.566607460035524	563	TRUE	0.98	Clonal
P-0037725-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Missense_Mutation	0.42105261517894735	532	FALSE	1	Clonal
P-0037725-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.4187192118226601	203	FALSE	1	Clonal
P-0039476-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	C	C	Missense_Mutation	0.4888756404199475	762	FALSE	1	Clonal
P-0039476-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.43167701863954035	644	FALSE	0.93	Clonal
P-0041854-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	ARID1A	Q528*	OncokB: Likely Oncogenic	FALSE	1	27057874	C	T	Nonsense_Mutation	0.37219101123595505	712	TRUE	0.96	Clonal
P-0041854-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NF1	R2424Kfs*3	OncokB: Likely Oncogenic	FALSE	17	29676218	AG		Frame_Shift_Del	0.30620096937799	209	TRUE	0.79	Subclonal
P-0041854-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	MGA	L2452*	OncokB: Likely Oncogenic	FALSE	15	42052684	T	A	Nonsense_Mutation	0.37636761487964987	457	TRUE	0.97	Clonal
P-0041854-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	RICTOR	R1670Q	OncokB: Unknown	FALSE	5	38942978	C	T	Missense_Mutation	0.2	295	FALSE	0.72	Subclonal
P-0042934-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.44936708860759494	316	FALSE	1	Clonal
P-0044486-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140451336	A	T	Missense_Mutation	0.22082018927444794	317	FALSE	1	Clonal
P-0044486-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.24206349206349206	252	FALSE	1	Clonal
P-0044486-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	MAP3K1	L877*	OncokB: Likely Oncogenic	FALSE	5	56177657	T	A	Nonsense_Mutation	0.1882716049832716	324	FALSE	0.89	Clonal
P-0044486-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	CIC	R64N	OncokB: Unknown	FALSE	19	4276242	T	A	Missense_Mutation	0.19072164948453607	388	FALSE	0.9	Clonal
P-0045535-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TEL2	S1891A	OncokB: Unknown	FALSE	4	106196738	T	G	Missense_Mutation	0.05783132530120482	415	FALSE	0.10	Subclonal
P-0045901-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	KRAS	Q61K	OncokB: Likely Oncogenic	TRUE	12	25380277	GA	TT	Missense_Mutation	0.3178028191780822	365	FALSE	1	Clonal
P-0046734-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Missense_Mutation	0.4203539823008494	452	FALSE	1	Clonal
P-0046734-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	MEN1	R855fs*33	OncokB: Likely Oncogenic	FALSE	11	64577330	AGAC		Frame_Shift_Del	0.312949640287768	278	TRUE	0.44	Subclonal

P-0046734-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.36394557823129253	294	FALSE	0.87	Clonal
P-0046734-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	RBM10	L121Wfs*68	OncokB: Likely Oncogenic	FALSE	23	47035933	C		Frame_Shift_Del	0.8333633846151846	416	TRUE	1	Clonal
P-0046734-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	EGFR	V843Yfs*3	OncokB: Unknown	FALSE	7	55259469	G		Frame_Shift_Del	0.2187988839941264	681	FALSE	0.53	Subclonal
P-0047138-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Misense_Mutation	0.4474074074074074	675	FALSE	1	Clonal
P-0047138-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	PTEN	S338fs*4	OncokB: Likely Oncogenic	FALSE	10	8972062	CTCCAAA		Frame_Shift_Del	0.380753238075328	239	TRUE	0.9	Clonal
P-0047138-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.4084507042253521	568	FALSE	0.96	Clonal
P-0047138-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	GNAS	M25T	OncokB: Unknown	FALSE	20	57484784	T	C	Misense_Mutation	0.06157635467980296	812	FALSE	0.15	Subclonal
P-0050035-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Misense_Mutation	0.502371790800241	631	TRUE	1	Clonal
P-0050035-T02-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.3820662768031189	513	FALSE	1	Clonal
P-0050035-T02-IM6	Poorly differentiated thyroid carcinoma	Primary	GRN2A	V59M	OncokB: Unknown	FALSE	16	9928064	C	T	Misense_Mutation	0.3260340632603406	411	FALSE	0.9	Clonal
P-0050496-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Misense_Mutation	0.434146343146341463	410	FALSE	1	Clonal
P-006163-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Misense_Mutation	0.3701923076923077	208	FALSE	1	Clonal
P-006163-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	EIF1AX	X113_splice	OncokB: Likely Oncogenic	TRUE	23	20148725	GGC	AA	Splice_Site	0.8546616541353384	133	TRUE	1	Clonal
P-006163-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.4819125432728814	118	TRUE	0.85	Clonal
P-006163-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	JAK2	H891Q	OncokB: Unknown	FALSE	9	5089775	C	G	Misense_Mutation	0.2649516129032581	155	TRUE	0.76	Subclonal
P-006163-T01-IM5	Poorly differentiated thyroid carcinoma	Primary	RBM10	L240P	OncokB: Unknown	FALSE	23	47039327	T	C	Misense_Mutation	0.33640552995391704	217	TRUE	0.97	Clonal
P-0029297-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	115256530	G	T	Misense_Mutation	0.4523076923076923	650	TRUE	0.57	Clonal
P-0029297-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	FGFR1	D683N	OncokB: Unknown	FALSE	8	38272320	C	T	Misense_Mutation	0.40279650842266464	653	TRUE	0.86	Clonal
P-0029297-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	ATM	S1863P	OncokB: Unknown	FALSE	11	108175492	T	C	Misense_Mutation	0.69140625	256	TRUE	1	Clonal
P-003614-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	115256530	G	T	Misense_Mutation	0.2412063015075376	597	FALSE	0.98	Clonal
P-003614-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.18518518518518517	189	FALSE	0.75	Subclonal
P-003614-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	ZHX3	T155Hfs*18	OncokB: Likely Oncogenic	FALSE	16	72831919		A	Frame_Shift_Ins	0.252124648892513	706	FALSE	1	Clonal
P-0037699-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	115256530	G	T	Misense_Mutation	0.3097910148927336	276	FALSE	1	Clonal
P-0037699-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	PK3CA	C69R	OncokB: Likely Oncogenic	TRUE	3	17893422	T	C	Misense_Mutation	0.39215868274509803	153	FALSE	1	Clonal
P-0037699-T01-IM6	Poorly differentiated thyroid carcinoma	Primary	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	G	A	S'Flank	0.4375	160	TRUE	1	Clonal
P-000333-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.367103836874851	839	FALSE	0.98	Clonal
P-000333-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	TRUE	5	1295228	G	A	S'Flank	0.5204081632653061	98	FALSE	1	Clonal
P-000460-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	TRUE	5	1295228	G	A	S'Flank	0.3416666666666667	120	FALSE	0.98	Clonal
P-000460-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	PK3R1	X583_splice	OncokB: Likely Oncogenic	TRUE	5	67591247	GGT		Splice_Site	0.3176591729323308	532	FALSE	0.91	Clonal
P-0005006-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	TRUE	5	1295228	G	A	S'Flank	0.4537037037037037	216	FALSE	1	Clonal
P-000506-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	KMT2A	T548fs*17	OncokB: Likely Oncogenic	TRUE	11	11834316	ACTCTAC		Frame_Shift_Del	0.2955665024630542	406	FALSE	1	Clonal
P-000506-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	CREBBP	R1427W	OncokB: Unknown	TRUE	16	3789580	T	A	Misense_Mutation	0.508212257100149	669	FALSE	1	Clonal
P-000506-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	CDH1	H97N	OncokB: Unknown	TRUE	16	8883698	C	A	Misense_Mutation	0.1774960380348653	631	TRUE	0.46	Subclonal
P-000358-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Misense_Mutation	0.4384057971014493	276	FALSE	1	Clonal
P-000358-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	PK3CA	H1047R	OncokB: Oncogenic	TRUE	3	178952085	A	G	Misense_Mutation	0.41818181818181815	220	FALSE	1	Clonal
P-000358-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	TRUE	5	1295228	G	A	S'Flank	0.44948202247191	89	FALSE	1	Clonal
P-000386-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.17320261437908496	306	FALSE	0.66	Subclonal
P-000386-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	TRUE	5	1295228	G	A	S'Flank	0.2640449458202247	178	FALSE	1	Clonal
P-000386-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	KMT2A	S92L	OncokB: Unknown	TRUE	11	11830702	C	T	Misense_Mutation	0.181508489150885	292	TRUE	0.51	Subclonal
P-000386-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	KMT2A	S94L	OncokB: Unknown	TRUE	11	11830708	C	T	Misense_Mutation	0.189542846601307	306	TRUE	0.53	Subclonal
P-000386-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	KMT2A	F9L	OncokB: Unknown	TRUE	11	11830754	C	A	Misense_Mutation	0.2976390476130476	84	TRUE	0.84	Clonal
P-0002145-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	TRUE	5	1295228	G	A	S'Flank	0.2722222222222222	180	TRUE	0.84	Clonal
P-0002145-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	RPTOR	R709G	OncokB: Unknown	FALSE	17	7886552	A	G	Misense_Mutation	0.3267441860465116	860	TRUE	1	Clonal
P-0002145-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	NOTCH3	T320A	OncokB: Unknown	FALSE	19	1530233	T	C	Misense_Mutation	0.32558139534883723	774	TRUE	1	Clonal
P-0003884-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	PTEN	D24H	OncokB: Likely Oncogenic	TRUE	10	89624296	G	C	Misense_Mutation	0.34838709677419555	465	TRUE	0.81	Clonal
P-0003884-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	TP53	R273C	OncokB: Likely Oncogenic	TRUE	17	7577121	G	A	Misense_Mutation	0.43646408839779005	905	TRUE	1	Clonal
P-0003884-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	SETD2	R1625C	OncokB: Oncogenic	TRUE	3	47144880	G	A	Misense_Mutation	0.535846113846153	975	TRUE	1	Clonal
P-0003884-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	MAP2K4	R110*	OncokB: Likely Oncogenic	FALSE	17	11984782	C	T	Nonsense_Mutation	0.204375620472562	411	TRUE	0.48	Subclonal
P-0003884-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	TCF7L2	S52*	OncokB: Likely Oncogenic	FALSE	10	114710670	C	G	Nonsense_Mutation	0.4598393574297189	996	TRUE	1	Clonal
P-0010974-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.11617312072892938	439	FALSE	0.9	Clonal
P-0010974-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.32554257095158595	599	FALSE	1	Clonal
P-0010974-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	ARID2	Q1462*	OncokB: Likely Oncogenic	FALSE	12	46246290	C	T	Nonsense_Mutation	0.1174345497382198	764	FALSE	1	Clonal

P-0010974-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	ARID2	Q1318*	OncokB: Likely Oncogenic	FALSE	12	46245858	C	T	Nonsense_Mutation	0.14615384615384616	520	FALSE	1	Clonal
P-0010974-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	APC	P113A	OncokB: Unknown	FALSE	5	112103020	C	G	Missense_Mutation	0.211734473174732334	934	FALSE	1	Clonal
P-0010974-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	H3C4	E98Q	OncokB: Unknown	FALSE	6	26197187	C	G	Missense_Mutation	0.12984154929577466	2272	FALSE	1	Clonal
P-0010974-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	MDC1	P342S	OncokB: Unknown	FALSE	6	30680695	G	A	Missense_Mutation	0.13382899628252787	1076	FALSE	1	Clonal
P-0010974-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	TSHR	V558M	OncokB: Unknown	FALSE	14	81610074	G	A	Missense_Mutation	0.13205123205123205	780	FALSE	1	Clonal
P-0011266-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	TP53	C135Y	OncokB: Likely Oncogenic	TRUE	17	7578526	C	T	Missense_Mutation	0.5075451647183846	941	TRUE	1	Clonal
P-0011266-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	CDKN1B	G72A	OncokB: Likely Oncogenic	TRUE	12	12870988	G	C	Missense_Mutation	0.8953229398663697	898	TRUE	1	Clonal
P-0011266-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	G	A	S'Flank	0.5192360550458716	545	TRUE	1	Clonal
P-0011266-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	RB1	V563*	OncokB: Likely Oncogenic	FALSE	13	48955572	G	A	Nonsense_Mutation	0.8735632183908046	609	TRUE	1	Clonal
P-0011266-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	INPP4A	X62A_splice	OncokB: Unknown	FALSE	2	99179599	G	A	Splice_Site	0.8803986710963455	1204	TRUE	1	Clonal
P-0011266-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	APC	V139I	OncokB: Unknown	FALSE	5	112175459	G	A	Missense_Mutation	0.896754408200453	794	TRUE	1	Clonal
P-0011266-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	ALOX12B	D641H	OncokB: Unknown	FALSE	17	7976471	C	G	Missense_Mutation	0.0798045602058631	614	TRUE	0.66	Subclonal
P-0015604-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	STX11	K84*	OncokB: Likely Oncogenic	FALSE	19	1207162	A	T	Nonsense_Mutation	0.50612469476528	818	TRUE	0.94	Clonal
P-0015604-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KEAP1	F139Lfs*18	OncokB: Likely Oncogenic	FALSE	19	10610293	G	G	Frame_Shift_Del	0.4725257631271879	857	TRUE	0.87	Clonal
P-0016329-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.37056052950075644	661	FALSE	1	Clonal
P-0016329-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2891891891891892	370	FALSE	0.81	Clonal
P-0016329-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TSC2	E332K	OncokB: Unknown	FALSE	16	2110689	G	A	Missense_Mutation	0.2329447758836868	1367	FALSE	0.51	Clonal
P-0018190-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BMF43	P434S	OncokB: Unknown	FALSE	17	56435837	G	A	Missense_Mutation	0.39951373889878935	413	FALSE	1	Clonal
P-0018190-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ASXL1	E290D	OncokB: Unknown	FALSE	20	31019275	A	T	Missense_Mutation	0.33523934131736525	668	FALSE	0.96	Clonal
P-0019876-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115246529	T	C	Missense_Mutation	0.35866565217913	460	FALSE	0.77	Subclonal
P-0019876-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	PKCICA	H1047L	OncokB: Oncogenic	TRUE	3	178952085	A	T	Missense_Mutation	0.14741035866573706	251	FALSE	0.32	Subclonal
P-0019876-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	TRUE	5	1295250	G	A	S'Flank	0.46808510638297873	470	FALSE	1	Clonal
P-0019876-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	DIS3	D598Y	OncokB: Unknown	TRUE	13	73346016	C	A	Missense_Mutation	0.509292592592593	108	TRUE	0.59	Subclonal
P-0019876-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	PKC3C	K238L	OncokB: Unknown	TRUE	18	39570518	G		Frame_Shift_Del	0.24	100	FALSE	0.52	Subclonal
P-0021795-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	DIS3	L767F	OncokB: Likely Oncogenic	TRUE	13	73336102	T	G	Missense_Mutation	0.2893401015228426	197	FALSE	1	Clonal
P-0021795-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	G	A	S'Flank	0.5811209439528023	339	FALSE	1	Clonal
P-0021795-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ARID2	Q255*	OncokB: Likely Oncogenic	FALSE	12	46244778	C	T	Nonsense_Mutation	0.14225053078556263	471	FALSE	0.58	Subclonal
P-0021795-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NF2	Q428*	OncokB: Likely Oncogenic	FALSE	22	30069417	C	T	Nonsense_Mutation	0.171521035987055	309	FALSE	0.71	Subclonal
P-0021795-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ARID2	P828R	OncokB: Unknown	FALSE	12	46244389	C	G	Missense_Mutation	0.21627096976744185	430	FALSE	0.89	Clonal
P-0021795-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NF1	F278A	OncokB: Unknown	FALSE	17	29509627	C	G	Missense_Mutation	0.10810810810810811	370	FALSE	0.44	Subclonal
P-0021795-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	PRDM1	A739T	OncokB: Unknown	FALSE	6	10655098	G	A	Missense_Mutation	0.316614420062959	638	FALSE	1	Clonal
P-0026728-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	SETD2	R540*	OncokB: Likely Oncogenic	FALSE	3	47164508	G	A	Nonsense_Mutation	0.3136427566807314	711	FALSE	1	Clonal
P-0036250-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.20833333333333334	408	FALSE	1	Clonal
P-0036250-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BRCA2	S1764*	OncokB: Likely Oncogenic	FALSE	13	32913783	C	G	Nonsense_Mutation	0.11010928617486339	366	FALSE	0.81	Clonal
P-0036250-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.26842105263157895	190	FALSE	1	Clonal
P-0036250-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	HIC2	E98*	OncokB: Unknown	FALSE	6	26015997	C	A	Nonsense_Mutation	0.0903406791272285	321	FALSE	0.71	Subclonal
P-0036250-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	IRS2	S487C	OncokB: Unknown	FALSE	13	110436941	G	C	Missense_Mutation	0.07878787878787878	165	FALSE	0.62	Subclonal
P-0039440-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115246529	T	C	Missense_Mutation	0.35786802030456855	788	FALSE	1	Clonal
P-0039440-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.367905065363035	511	FALSE	1	Clonal
P-0039440-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TGFBR2	N323S	OncokB: Unknown	FALSE	3	30713568	A	G	Missense_Mutation	0.3129032580645163	620	FALSE	0.88	Clonal
P-0044488-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.39433551198257083	459	FALSE	1	Clonal
P-0044488-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ATM	Q401*	OncokB: Likely Oncogenic	FALSE	11	108119795	C	T	Nonsense_Mutation	0.224	250	FALSE	0.81	Clonal
P-0044488-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	CDKN2A	L78Hfs*41	OncokB: Likely Oncogenic	FALSE	9	21971124	GA		Frame_Shift_Del	0.40554156171284633	397	TRUE	1	Clonal
P-0044488-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	G	A	S'Flank	0.42177777777777776	540	FALSE	1	Clonal
P-0044488-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	STAG2	E643Vfs*17	OncokB: Likely Oncogenic	FALSE	23	123197802	AG		Frame_Shift_Del	0.5027929290893855	179	TRUE	1	Clonal
P-0044488-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	SPEN	E363K	OncokB: Unknown	FALSE	1	16265833	G	A	Missense_Mutation	0.2944507361268403	883	FALSE	1	Clonal
P-0044488-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NUP93	Q15*	OncokB: Unknown	FALSE	16	56782202	C	T	Nonsense_Mutation	0.248618784833038674	543	FALSE	0.89	Clonal
P-0044488-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ATM	S39C	OncokB: Unknown	FALSE	11	108119700	C	G	Missense_Mutation	0.24055603773584906	212	FALSE	0.86	Clonal
P-0044488-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ATM	E244K	OncokB: Unknown	FALSE	11	10820963	C	A	Missense_Mutation	0.2070063694267516	314	FALSE	0.74	Subclonal
P-0044488-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	MPL	E54K	OncokB: Unknown	FALSE	1	43803850	G	A	Missense_Mutation	0.2922678566186107	763	FALSE	1	Clonal
P-0044488-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	DIS3	F723Q	OncokB: Unknown	FALSE	13	73336236	C	G	Missense_Mutation	0.3710691823899371	159	TRUE	0.96	Clonal
P-0044488-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BLM	D159N	OncokB: Unknown	FALSE	15	91292973	G	A	Missense_Mutation	0.2309278350515464	485	FALSE	0.83	Clonal

P-004489-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	E2F3	A30V	OncokB: Unknown	FALSE	6	2040252	C	T	Missense_Mutation	0.306076645702306	477	FALSE	1	Clonal
P-000289-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.5183887915936952	435	FALSE	1	Clonal
P-0001384-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	PTEN	S28*	OncokB: Likely Oncogenic	FALSE	10	89720709	C	G	Nonsense_Mutation	0.3043478260895654	92	TRUE	1	Clonal
P-0001384-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	PPP2R1A	R183Q	OncokB: Likely Oncogenic	TRUE	19	52715983	G	A	Missense_Mutation	0.345815261044177	498	TRUE	1	Clonal
P-0001384-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	TP53	P177_C182del	OncokB: Likely Oncogenic	TRUE	17	7578384	GCAGCCCTCATGGTGGGG		In_Frame_Del	0.1865055502183406	229	TRUE	0.65	Subclonal
P-0001384-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	DNMT3A	S70*	OncokB: Likely Oncogenic	FALSE	2	25463184	G	T	Nonsense_Mutation	0.3021077283973654	427	TRUE	0.99	Clonal
P-0002844-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.4835680751173709	639	FALSE	1	Clonal
P-0002844-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	CDKN2A	E33*	OncokB: Likely Oncogenic	FALSE	9	21974730	C	A	Nonsense_Mutation	0.3126090402010503	398	FALSE	1	Clonal
P-0004012-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.1524390249802439	164	FALSE	0.94	Clonal
P-0004012-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	CTN1B	L347P	OncokB: Unknown	FALSE	3	41268802	T	C	Missense_Mutation	0.1257918552036199	1105	FALSE	0.9	Clonal
P-0008975-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	11523529	T	C	Missense_Mutation	0.4088541666666667	768	FALSE	0.97	Clonal
P-0008975-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	EIF1AX	X113_splice	OncokB: Likely Oncogenic	TRUE	23	20148727	T	A	Splice_Site	0.8147058283259412	340	TRUE	1	Clonal
P-0008975-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.4013452924798206	446	FALSE	0.95	Clonal
P-0009934-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	PK3CA	E545K	OncokB: Oncogenic	TRUE	3	17893691	G	A	Missense_Mutation	0.1850220264317306	454	TRUE	0.88	Clonal
P-0009934-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	PTEN	H196Rfs*22	OncokB: Likely Oncogenic	FALSE	10	89711969	ACAGATGAT		Frame_Shift_Del	0.409615386153846	520	TRUE	1	Clonal
P-0009934-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	TP53	E271V	OncokB: Likely Oncogenic	TRUE	17	7577126	A	A	Missense_Mutation	0.4460352423907489	908	TRUE	1	Clonal
P-0009934-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	RAS1	L497_S500delins*	OncokB: Likely Oncogenic	FALSE	5	8665203	TAGAGGTAG	AAGT	Nonsense_Mutation	0.10356731875719218	869	FALSE	0.49	Subclonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	PTEN	R130*	OncokB: Oncogenic	FALSE	10	89692904	C	T	Nonsense_Mutation	0.5842349304482226	647	FALSE	1	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TP53	R273H	OncokB: Oncogenic	TRUE	17	7577120	C	T	Missense_Mutation	0.6208530805867204	844	FALSE	1	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KEAP1	G480R	OncokB: Likely Oncogenic	TRUE	19	10600417	C	T	Missense_Mutation	0.5858250270854928	903	FALSE	1	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	MEN1	R521Gfs*43	OncokB: Likely Oncogenic	FALSE	11	64572093	G		Frame_Shift_Del	0.557796980247311	744	FALSE	0.98	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ASXL1	G645Vfs*58	OncokB: Likely Oncogenic	FALSE	20	31022442	G		Frame_Shift_Del	0.49236641221374045	262	FALSE	0.87	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	SPEN	I2489Sfs*10	OncokB: Likely Oncogenic	FALSE	1	16260194	G		Frame_Shift_Del	0.5657001282051282	624	FALSE	1	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	JAK1	N339Rfs*3	OncokB: Likely Oncogenic	FALSE	1	65310630	T		Frame_Shift_Del	0.5552112676056338	568	FALSE	0.94	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	INPPL1	P976Hfs*155	OncokB: Likely Oncogenic	FALSE	11	71948209	C		Frame_Shift_Del	0.574095682633769	857	FALSE	1	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	PK3R1	K448Nfs*32	OncokB: Likely Oncogenic	FALSE	5	67589576	A		Frame_Shift_Del	0.7062780269054296	892	FALSE	1	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	B2M	S16Afs*27	OncokB: Likely Oncogenic	FALSE	15	45003786	TCTT		Frame_Shift_Del	0.5410594346050456	658	FALSE	0.96	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BCL10	I46Yfs*24	OncokB: Likely Oncogenic	FALSE	1	85736511	T		Frame_Shift_Del	0.5621890547263682	603	FALSE	0.99	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	INHA	L189Cfs*2	OncokB: Likely Oncogenic	FALSE	2	220439700		CT	Frame_Shift_Ins	0.25121951219512195	820	FALSE	0.44	Subclonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	MSH2	S494*	OncokB: Likely Oncogenic	FALSE	2	47990264	C	G	Nonsense_Mutation	0.608027210884354	735	FALSE	1	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BCOR	E857Gfs*7	OncokB: Likely Oncogenic	FALSE	23	39932028	CT		Frame_Shift_Del	0.6201288490284006	669	FALSE	1	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	CDKN2A	A102V	OncokB: Unknown	FALSE	9	21971053	G	A	Missense_Mutation	0.644328969071165	388	FALSE	1	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	DNMT3A	A55V	OncokB: Unknown	FALSE	2	25460984	G	A	Missense_Mutation	0.23651452282157676	723	FALSE	0.42	Subclonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BRD4	Q910Kfs*39	OncokB: Unknown	FALSE	19	15354152	G		Frame_Shift_Del	0.16974789915966387	595	FALSE	0.3	Subclonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	DOR2	G126D	OncokB: Unknown	FALSE	1	162724605	G	A	Missense_Mutation	0.555932093898305	590	FALSE	0.98	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	RPSA	A54T	OncokB: Unknown	FALSE	9	137321073	G	A	Missense_Mutation	0.6416818012797075	547	FALSE	1	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	DROSHA	A1191V	OncokB: Unknown	FALSE	5	31410848	G	A	Missense_Mutation	0.13728432108027006	1333	FALSE	0.38	Subclonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NOTCH3	R1785C	OncokB: Unknown	FALSE	19	15278069	G	A	Missense_Mutation	0.2780597941628264	651	FALSE	0.49	Subclonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TP53BP1	T553M	OncokB: Unknown	FALSE	15	43749148	G	A	Missense_Mutation	0.25982537510917	916	FALSE	0.46	Subclonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KMT2D	R2001Q	OncokB: Unknown	FALSE	12	49435979	C	T	Missense_Mutation	0.35	1140	FALSE	0.97	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	PMS2	R151H	OncokB: Unknown	FALSE	7	6042169	C	T	Missense_Mutation	0.31296213808463254	898	FALSE	0.92	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	DCUN1D1	R206Q	OncokB: Unknown	FALSE	3	182665109	C	T	Missense_Mutation	0.5930807248764415	607	FALSE	1	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	INPPL1	S925del	OncokB: Unknown	FALSE	11	71946922	CCT		In_Frame_Del	0.5682613768961493	857	FALSE	1	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KMT2D	P258S	OncokB: Unknown	FALSE	12	49434781	G	A	Missense_Mutation	0.11803019410496045	1391	FALSE	0.38	Subclonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ERBB3	P961H	OncokB: Unknown	FALSE	12	58491690	C	A	Missense_Mutation	0.374020156774916	893	FALSE	1	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	CYSLTR2	A81T	OncokB: Unknown	FALSE	13	49281194	G	A	Missense_Mutation	0.593607309396073	876	FALSE	1	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ZFXK3	D1310N	OncokB: Unknown	FALSE	16	72833965	C	T	Missense_Mutation	0.608579884718498	746	FALSE	1	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NCDR1	S140del	OncokB: Unknown	FALSE	17	16075132	AGA		In_Frame_Del	0.600462476450384	493	FALSE	1	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	DOT1L	R544S	OncokB: Unknown	FALSE	19	2213612	G	C	Missense_Mutation	0.605263157847368	798	FALSE	1	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KMT2B	L1129M	OncokB: Unknown	FALSE	19	36215588	C	A	Missense_Mutation	0.6189944134078212	895	FALSE	1	Clonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	POLD1	A672V	OncokB: Unknown	FALSE	19	50912784	C	T	Missense_Mutation	0.2784636488340192	729	FALSE	0.49	Subclonal
P-0027238-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	EPHA5	R543P	OncokB: Unknown	FALSE	4	66280061	C	G	Missense_Mutation	0.5673076923076923	520	FALSE	1	Clonal

P-000876-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	STX11	K84*	OncokB: Likely Oncogenic	FALSE	19	1207162	A	T	Nonsense_Mutation	0.170454545454544	88	TRUE	0.69	Subclonal
P-0001041-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	11525629	T	C	Misense_Mutation	0.1862413862438624	945	FALSE	0.99	Clonal
P-0001041-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2956521739130435	115	TRUE	1	Clonal
P-0005651-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	KMT2C	Q2781T	OncokB: Unknown	FALSE	7	151874196	A	G	Misense_Mutation	0.4532871972118339	289	FALSE	1	Clonal
P-0005651-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	ATM	Q2440E	OncokB: Unknown	FALSE	11	10820951	A	G	Misense_Mutation	0.854406779661017	118	TRUE	1	Clonal
P-0005651-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	HGF	T406R	OncokB: Unknown	FALSE	7	81390115	G	C	Misense_Mutation	0.0665024630541872	406	FALSE	0.15	Subclonal
P-0005651-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	MET	V1359I	OncokB: Unknown	FALSE	7	116436080	G	A	Misense_Mutation	0.0813559322038982	295	FALSE	0.18	Subclonal
P-0005651-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	KMT2A	R1101Q	OncokB: Unknown	FALSE	11	118347665	G	A	Misense_Mutation	0.7904761904761904	210	TRUE	0.99	Clonal
P-0005651-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	ERBB3	R106*	OncokB: Unknown	FALSE	12	56478860	C	T	Nonsense_Mutation	0.12807692307692308	455	FALSE	0.28	Subclonal
P-0012520-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	11525629	T	C	Misense_Mutation	0.4678111587982833	466	FALSE	1	Clonal
P-0012520-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	G	A	S'Flank	0.39015151515151514	264	FALSE	1	Clonal
P-0012520-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	RBM10	V678*	OncokB: Likely Oncogenic	FALSE	23	47044941	G	A	Nonsense_Mutation	0.4692179700691683	601	FALSE	1	Clonal
P-0012520-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NOTCH3	R449C	OncokB: Unknown	FALSE	19	15299833	G	A	Misense_Mutation	0.07024029574861368	541	FALSE	0.15	Subclonal
P-0015094-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	HRAS	Q61R	OncokB: Likely Oncogenic	TRUE	11	533874	T	C	Misense_Mutation	0.4100905562425617	775	FALSE	1	Clonal
P-001294-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	11525629	T	C	Misense_Mutation	0.4631360332949115	963	FALSE	1	Clonal
P-001294-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ZFXK3	H15635I*11	OncokB: Likely Oncogenic	FALSE	16	72831895		ACTA	Frame_Shift_Ins	0.3729543496985375	1161	FALSE	0.81	Clonal
P-001294-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	PTPR	R270H	OncokB: Unknown	FALSE	20	41385152	C	T	Misense_Mutation	0.1355531319857313	841	FALSE	0.28	Subclonal
P-0027636-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	11525629	T	C	Misense_Mutation	0.35118434609501547	971	FALSE	1	Clonal
P-0027636-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KMT2D	E4039*	OncokB: Likely Oncogenic	FALSE	12	49426373	C	A	Nonsense_Mutation	0.3856317093311313	1211	FALSE	1	Clonal
P-0027636-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	FLT4	X52_splice	OncokB: Unknown	FALSE	5	180057000	C	A	Splice_Site	0.37249532710280375	428	FALSE	1	Clonal
P-0027636-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BRCA2	G904A	OncokB: Unknown	FALSE	13	32911201	G	C	Misense_Mutation	0.33940182054616386	769	FALSE	0.99	Clonal
P-0027636-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	PTCH1	P1306S	OncokB: Unknown	FALSE	9	98209222	G	A	Misense_Mutation	0.417525771958763	776	FALSE	1	Clonal
P-0034969-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	HRAS	Q61K	OncokB: Oncogenic	TRUE	11	533875	G	T	Misense_Mutation	0.37967914438502676	187	FALSE	0.96	Clonal
P-0034969-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	G	A	S'Flank	0.40350871192982654	171	FALSE	1	Clonal
P-0005551-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	RB1	L769C1*41	OncokB: Likely Oncogenic	FALSE	13	49039225	T		Frame_Shift_Del	0.6924219910846954	673	TRUE	1	Clonal
P-0005551-T01-IM3	Poorly differentiated thyroid carcinoma	Metastasis	TP53	R6M	OncokB: Unknown	FALSE	3	189456527	C	G	Misense_Mutation	0.18885526315789475	608	TRUE	0.47	Subclonal
P-0005183-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	11525630	G	T	Misense_Mutation	0.2988905774126437	435	FALSE	1	Clonal
P-0005183-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	EIF1AX	X113_splice	OncokB: Likely Oncogenic	TRUE	23	20148277	T	A	Splice_Site	0.21220159115193635	377	FALSE	0.72	Subclonal
P-0005183-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.24305555555555555	144	FALSE	0.82	Clonal
P-0005183-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	ZFXK3	L1787QI*3	OncokB: Likely Oncogenic	FALSE	16	72831172	AGGGAAGAGAGAGCTGCTGCTG		Frame_Shift_Del	0.24206349206349206	504	TRUE	0.82	Clonal
P-0005183-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	RAO21	E365_T366del	OncokB: Unknown	FALSE	8	117866546	CTGTCT		In_Frame_Del	0.2894108943089431	615	FALSE	0.98	Clonal
P-0007666-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140451136	A	T	Misense_Mutation	0.19499568593615185	1159	FALSE	0.72	Subclonal
P-0020974-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TP53	K837H	OncokB: Likely Oncogenic	TRUE	17	7574017	C	T	Misense_Mutation	0.2736220472440945	508	TRUE	0.84	Clonal
P-0020974-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.2018779347230047	426	FALSE	0.82	Clonal
P-0020974-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	DOT1L	S1491F	OncokB: Unknown	FALSE	19	2226992	C	T	Misense_Mutation	0.24676579925605574	538	FALSE	1	Clonal
P-0020974-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KIT	S24C	OncokB: Unknown	FALSE	4	55951681	C	G	Misense_Mutation	0.2154634145414634	328	FALSE	0.88	Clonal
P-0004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KRAS	G12C	OncokB: Oncogenic	TRUE	12	25398285	C	A	Misense_Mutation	0.33634743875278396	449	FALSE	1	Clonal
P-0004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	RAO51C	P21A	OncokB: Likely Oncogenic	TRUE	17	56770065	C	G	Misense_Mutation	0.18181818181818182	858	FALSE	1	Clonal
P-0004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TSC2	X216_splice	OncokB: Likely Oncogenic	FALSE	16	2105248	C	T	Splice_Region	0.212104188461675393	764	FALSE	0.97	Clonal
P-0004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	VHL	D121H	OncokB: Likely Oncogenic	TRUE	3	10188218	G	C	Misense_Mutation	0.19648093841642228	682	FALSE	0.9	Clonal
P-0004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KMT2C	Q1872*	OncokB: Likely Oncogenic	FALSE	7	151879331	G	A	Nonsense_Mutation	0.15725190830964655	655	FALSE	1	Clonal
P-0004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.362597402597403	616	FALSE	1	Clonal
P-0004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KDMA6A	W1258*	OncokB: Likely Oncogenic	FALSE	23	44950005	G	A	Nonsense_Mutation	0.18057663125948406	659	FALSE	1	Clonal
P-0004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	GPS2	Q237*	OncokB: Likely Oncogenic	FALSE	17	7216714	G	A	Nonsense_Mutation	0.291866028708134	418	FALSE	1	Clonal
P-0004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	RBM10	Q571*	OncokB: Likely Oncogenic	FALSE	23	47041720	C	T	Nonsense_Mutation	0.161979510344827386	696	FALSE	0.91	Clonal
P-0004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	LATS1	Q637*	OncokB: Likely Oncogenic	FALSE	6	150004316	G	A	Nonsense_Mutation	0.22544642857142858	448	FALSE	1	Clonal
P-0004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KMT2C	Q3352*	OncokB: Likely Oncogenic	FALSE	7	151869008	G	A	Nonsense_Mutation	0.0651658767725119	844	FALSE	0.43	Subclonal
P-0004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	EP300	E655*	OncokB: Likely Oncogenic	FALSE	22	41537076	G	T	Nonsense_Mutation	0.22911051212938005	371	FALSE	1	Clonal
P-0004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TGFB1	G52W	OncokB: Likely Oncogenic	FALSE	9	101891193	G	T	Misense_Mutation	0.615819200039548	531	FALSE	1	Clonal
P-0004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ERCC4	E372*	OncokB: Likely Oncogenic	FALSE	16	14028060	G	T	Nonsense_Mutation	0.23030303030303031	330	FALSE	1	Clonal
P-0004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	PMAAP1	X20_splice	OncokB: Likely Oncogenic	FALSE	18	57569878	G	C	Splice_Site	0.18055555555555555	360	FALSE	1	Clonal
P-0004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	EP300	R728G1*48	OncokB: Likely Oncogenic	FALSE	22	41543888	C		Frame_Shift_Del	0.23441176470588234	680	FALSE	1	Clonal

P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	FGFR4	D126N	OncokB: Unknown	FALSE	5	176517766	G	A	Misense_Mutation	0.125910509885339	961	FALSE	0.7	Subclonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NOTCH1	I67M	OncokB: Unknown	FALSE	9	139409078	G	C	Misense_Mutation	0.1633443378151206	1190	FALSE	0.9	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	DNMT1	S83F	OncokB: Unknown	FALSE	19	10259674	G	A	Misense_Mutation	0.125	560	FALSE	0.57	Subclonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	MRE11	S13L	OncokB: Unknown	FALSE	11	94212886	G	A	Misense_Mutation	0.18591549295774648	355	FALSE	0.85	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	PALB2	D772N	OncokB: Unknown	FALSE	16	23641161	C	T	Misense_Mutation	0.23047406991262024	801	FALSE	0.94	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	H3C2	E60K	OncokB: Unknown	FALSE	6	26032111	C	T	Misense_Mutation	0.17391304347826086	598	FALSE	0.97	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BCOR	E98K	OncokB: Unknown	FALSE	23	39931652	C	T	Misense_Mutation	0.18387096774193548	930	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ESR1	E523Q	OncokB: Unknown	FALSE	6	152419880	G	C	Misense_Mutation	0.21254166656656666	576	FALSE	0.98	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ARID1B	G386R	OncokB: Unknown	FALSE	6	157100219	G	A	Misense_Mutation	0.228070175483859648	57	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	DOR2	S469L	OncokB: Unknown	FALSE	1	162740204	C	T	Misense_Mutation	0.19615912208504802	729	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	CND2	E7K	OncokB: Unknown	FALSE	12	4383225	G	A	Misense_Mutation	0.254096336055377	488	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	FLT3	M20I	OncokB: Unknown	FALSE	13	28644733	C	T	Misense_Mutation	0.209115218150134048	373	FALSE	0.96	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KDM5A	F172L	OncokB: Unknown	FALSE	12	475121	G	T	Misense_Mutation	0.21782178217821782	505	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TP63	D515N	OncokB: Unknown	FALSE	3	189507164	G	A	Misense_Mutation	0.222	1000	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NOTCH2	E1849K	OncokB: Unknown	FALSE	1	120662171	C	T	Misense_Mutation	0.24324324324324326	555	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	COP1	R357Q	OncokB: Unknown	FALSE	1	176054983	C	T	Misense_Mutation	0.07660738714902087	731	FALSE	0.43	Subclonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NCDA3	L1029V	OncokB: Unknown	FALSE	20	46270961	C	G	Misense_Mutation	0.23062768031189083	513	FALSE	0.95	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ATRX	R701H	OncokB: Unknown	FALSE	23	76938646	C	T	Misense_Mutation	0.15448275862068966	725	FALSE	0.86	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	PTPRS	P359L	OncokB: Unknown	FALSE	19	5244406	G	A	Misense_Mutation	0.18155893536121673	1052	FALSE	0.83	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	PK3CA	D810H	OncokB: Unknown	FALSE	3	178043761	G	C	Misense_Mutation	0.13502046550846508	378	FALSE	0.87	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	FBXW7	S47L	OncokB: Unknown	FALSE	4	153249498	G	A	Misense_Mutation	0.18169014084507043	710	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KMT2C	S1954F	OncokB: Unknown	FALSE	7	151879084	G	A	Misense_Mutation	0.1938073394495413	872	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TBX3	A537T	OncokB: Unknown	FALSE	12	115112131	C	T	Misense_Mutation	0.275701646269035	729	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ID3	R29Q	OncokB: Unknown	FALSE	1	2388535	C	T	Misense_Mutation	0.22842639593908629	591	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	DOT1L	H251Y	OncokB: Unknown	FALSE	19	2202742	C	T	Misense_Mutation	0.21528662420382166	785	FALSE	0.99	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ICOSLG	G42E	OncokB: Unknown	FALSE	21	45657031	C	T	Misense_Mutation	0.24373956594323873	599	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BRAF	D350N	OncokB: Unknown	FALSE	7	14094200	C	T	Misense_Mutation	0.08837279617834394	1256	FALSE	0.58	Subclonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KDM6A	S53L	OncokB: Unknown	FALSE	23	4492274	C	T	Misense_Mutation	0.17264957264957265	585	FALSE	0.96	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	GATA3	E383K	OncokB: Unknown	FALSE	10	8115801	G	A	Misense_Mutation	0.23703703703703705	675	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NSD1	Q775K	OncokB: Unknown	FALSE	5	176637723	C	A	Misense_Mutation	0.0958904109589041	949	FALSE	0.53	Subclonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BCL2L1	G31W	OncokB: Unknown	FALSE	2	111881413	G	T	Misense_Mutation	0.3977272727272727	704	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	SPEN	E660K	OncokB: Unknown	FALSE	1	16254713	G	A	Misense_Mutation	0.1875862069051373	725	FALSE	0.86	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	CSF3R	D441N	OncokB: Unknown	FALSE	1	36935406	C	T	Misense_Mutation	0.22906153398587286	991	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NTRK1	G368V	OncokB: Unknown	FALSE	1	156843677	G	T	Misense_Mutation	0.19421487603305784	1210	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	WT1	T298K	OncokB: Unknown	FALSE	11	32491980	G	T	Misense_Mutation	0.19757575757575757	495	FALSE	0.81	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KMT2D	E284Q	OncokB: Unknown	FALSE	12	4942609	C	G	Misense_Mutation	0.22415669205658323	919	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TSHR	X131_splice	OncokB: Unknown	FALSE	14	81554373	G	A	Splice_Site	0.25	352	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	CDK12	P673S	OncokB: Unknown	FALSE	17	37646895	C	T	Misense_Mutation	0.18490151372866522	914	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BRCA1	R1012I	OncokB: Unknown	FALSE	17	41244513	C	A	Misense_Mutation	0.160736196190184	815	FALSE	0.9	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	RNF43	C633S	OncokB: Unknown	FALSE	17	56435240	A	T	Misense_Mutation	0.206465067789364	959	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BRP1	D1080H	OncokB: Unknown	FALSE	17	59761169	C	G	Misense_Mutation	0.1737032569306756	829	FALSE	0.97	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	H3-38	Q56*	OncokB: Unknown	FALSE	17	73773007	G	A	Nonsense_Mutation	0.17391304347826086	483	FALSE	0.97	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	CALR	E39K	OncokB: Unknown	FALSE	19	13049971	G	A	Misense_Mutation	0.09598853868194843	698	FALSE	0.44	Subclonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	DNAI1	K248N	OncokB: Unknown	FALSE	19	14627326	C	G	Misense_Mutation	0.2969543147208122	1182	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	RRAS	P206H	OncokB: Unknown	FALSE	19	50138873	G	T	Misense_Mutation	0.18508874912648498	1451	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	SOS1	E1072Q	OncokB: Unknown	FALSE	2	39222396	C	G	Misense_Mutation	0.19884178894178895	945	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	SOS1	E583K	OncokB: Unknown	FALSE	2	39249822	C	T	Misense_Mutation	0.1856474258979359	641	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	EPAS1	E279K	OncokB: Unknown	FALSE	2	46597021	G	A	Misense_Mutation	0.23004059539918809	739	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	MAPK1	Y38F	OncokB: Unknown	FALSE	22	22123503	T	A	Misense_Mutation	0.40702479338842973	484	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BAP1	E450Q	OncokB: Unknown	FALSE	3	52437813	C	G	Misense_Mutation	0.1978279963008632	811	FALSE	0.9	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	PK3CA	X806_splice	OncokB: Unknown	FALSE	3	178043749	G	A	Splice_Site	0.16814519202054	339	FALSE	0.94	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KDR	L902P	OncokB: Unknown	FALSE	4	55962419	A	G	Misense_Mutation	0.1522094262302456	611	FALSE	0.85	Clonal

P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KDR	Q50*	OncokB: Unknown	FALSE	4	5598727	G	A	Nonsense_Mutation	0.19591836734693877	490	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	FAT1	D3893H	OncokB: Unknown	FALSE	4	187521484	C	G	Misense_Mutation	0.1688073394495413	545	FALSE	0.94	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	PK3R1	D620N	OncokB: Unknown	FALSE	5	67592042	G	A	Misense_Mutation	0.3090277777777778	288	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	APC	D1016N	OncokB: Unknown	FALSE	5	112174337	G	A	Misense_Mutation	0.060790273556231005	329	FALSE	0.28	Subclonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	H3C11	F79L	OncokB: Unknown	FALSE	6	2785234	G	C	Misense_Mutation	0.2170548628428277	802	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	MOC1	Q808H	OncokB: Unknown	FALSE	6	30675932	C	G	Misense_Mutation	0.20923913048478262	1104	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NOTCH4	E254K	OncokB: Unknown	FALSE	6	32188794	C	T	Misense_Mutation	0.1897810218978102	1096	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TAP1	S293C	OncokB: Unknown	FALSE	6	22820183	G	C	Misense_Mutation	0.1792562443291758	937	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	FYN	E16*	OncokB: Unknown	FALSE	6	112041209	C	A	Nonsense_Mutation	0.4117647058823529	544	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	LATS1	P919S	OncokB: Unknown	FALSE	6	14999712	G	A	Misense_Mutation	0.2115892420537897	409	FALSE	0.98	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	CARD11	R1011T	OncokB: Unknown	FALSE	7	2951918	C	G	Misense_Mutation	0.14657805062606	921	FALSE	0.96	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ETV1	E348*	OncokB: Unknown	FALSE	7	13946000	C	A	Nonsense_Mutation	0.19305019305019305	518	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BRAF	E703D	OncokB: Unknown	FALSE	7	140439630	C	G	Misense_Mutation	0.14917825537294563	791	FALSE	0.98	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KMT2C	F3375T	OncokB: Unknown	FALSE	7	151860539	G	T	Misense_Mutation	0.0779363369213161	911	FALSE	0.51	Subclonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KMT2C	S738Y	OncokB: Unknown	FALSE	7	151945921	G	T	Misense_Mutation	0.1722707382320442	181	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	PREX2	D1564N	OncokB: Unknown	FALSE	8	69129936	G	A	Misense_Mutation	0.17381489841986456	443	FALSE	0.97	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TSC1	S836L	OncokB: Unknown	FALSE	9	135776220	G	A	Misense_Mutation	0.1385521885218855	594	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NOTCH1	S991C	OncokB: Unknown	FALSE	9	13940321	G	C	Misense_Mutation	0.17400881057268722	908	FALSE	0.97	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BCOR	E1339K	OncokB: Unknown	FALSE	23	39922157	C	T	Misense_Mutation	0.1935488370967742	868	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ATRX	N2450K	OncokB: Unknown	FALSE	23	76763958	G	T	Misense_Mutation	0.36125	800	FALSE	1	Clonal
P.004669-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ATRX	E219KQ	OncokB: Unknown	FALSE	23	76813035	C	G	Misense_Mutation	0.17251461988304093	684	FALSE	0.96	Clonal
P.0036782-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Misense_Mutation	0.39399393939393939	627	FALSE	1	Clonal
P.0036782-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.3193073593073593	462	FALSE	1	Clonal
P.0036782-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TET2	Q1537*	OncokB: Likely Oncogenic	FALSE	4	106196276	C	T	Nonsense_Mutation	0.2564102564102564	390	FALSE	1	Clonal
P.0036782-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	MTOR	N701S	OncokB: Unknown	FALSE	1	11298006	T	C	Misense_Mutation	0.2427807486631016	935	FALSE	0.97	Clonal
P.0036782-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KMT2A	M247I	OncokB: Unknown	FALSE	11	118374038	G	A	Misense_Mutation	0.23360230547594033	694	FALSE	1	Clonal
P.000613-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.5627306273062731	542	TRUE	1	Clonal
P.0040613-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NOTCH3	R182C	OncokB: Unknown	FALSE	19	15302906	G	A	Misense_Mutation	0.20359581437125748	1169	FALSE	0.95	Clonal
P.0040613-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	KMT2A	H1456Q	OncokB: Unknown	FALSE	11	118359364	C	G	Misense_Mutation	0.39663865546218485	595	FALSE	1	Clonal
P.0047558-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	115256530	G	T	Misense_Mutation	0.4538910412573674	509	FALSE	1	Clonal
P.0047558-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.4419889502762431	362	TRUE	1	Clonal
P.0048611-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	RBM10	R715*	OncokB: Likely Oncogenic	FALSE	23	47051316	C	T	Nonsense_Mutation	0.19309926164050022	637	FALSE	1	Clonal
P.0048611-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295250	G	A	S'Flank	0.34042535351948996	423	FALSE	1	Clonal
P.0007666-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.5633423180592992	742	FALSE	1	Clonal
P.0007666-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	YAP1	G34R	OncokB: Unknown	FALSE	11	101981979	G	A	Misense_Mutation	0.3197709913664124	131	FALSE	1	Clonal
P.0007666-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	FAT1	S3014F	OncokB: Unknown	FALSE	4	187657941	G	A	Misense_Mutation	0.28888888888888888	1240	FALSE	0.92	Clonal
P.0007666-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	FLT1	S325L	OncokB: Unknown	FALSE	13	29055287	G	A	Misense_Mutation	0.2648456057007126	842	FALSE	0.85	Clonal
P.0007666-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	NCOR1	D1391H	OncokB: Unknown	FALSE	17	15973821	C	G	Misense_Mutation	0.27455621301775146	845	FALSE	0.88	Clonal
P.0007666-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	CALR	G343V	OncokB: Unknown	FALSE	19	13054418	G	T	Misense_Mutation	0.21479713603818615	1257	FALSE	0.72	Subclonal
P.0010276-T02-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Misense_Mutation	0.27070063694267515	942	FALSE	0.82	Clonal
P.0011091-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	PTEN	X70_splice	OncokB: Likely Oncogenic	TRUE	10	89690802	G	C	Splice_Site	0.5050505050505051	297	TRUE	1	Clonal
P.0011091-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	STK11	N007H*9	OncokB: Likely Oncogenic	FALSE	19	1207176	C	C	Frame_Shift_Del	0.49414519906321184	854	TRUE	1	Clonal
P.0011091-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	RBM10	S307fs*35	OncokB: Likely Oncogenic	FALSE	23	4702845	G	C	Frame_Shift_Del	0.70138888888888888	864	TRUE	1	Clonal
P.0011091-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	SYK	Q141R	OncokB: Unknown	FALSE	9	93607720	A	G	Misense_Mutation	0.341232274881517	844	FALSE	1	Clonal
P.0014761-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Misense_Mutation	0.44084082440840823	803	FALSE	1	Clonal
P.0014761-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ATM	R3008H	OncokB: Likely Oncogenic	TRUE	11	108236087	G	A	Misense_Mutation	0.7514792899408284	338	TRUE	1	Clonal
P.0014761-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	PTEN	S229*	OncokB: Likely Oncogenic	FALSE	10	89717661	C	G	Nonsense_Mutation	0.701799488611826	389	TRUE	1	Clonal
P.0014761-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	S'Flank	0.5772727272727273	660	FALSE	1	Clonal
P.0014761-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	ERG	R835C	OncokB: Unknown	FALSE	21	39755612	G	A	Misense_Mutation	0.3075709791798105	634	FALSE	1	Clonal
P.0014761-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	IRS2	A896P	OncokB: Unknown	FALSE	13	110436315	C	G	Misense_Mutation	0.1349557221238937	452	FALSE	0.57	Subclonal
P.0014761-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	PMS1	T670A	OncokB: Unknown	FALSE	2	190728620	A	G	Misense_Mutation	0.0874074074074074	675	FALSE	0.37	Subclonal
P.0017399-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	115256530	G	T	Misense_Mutation	0.2731554160125589	637	FALSE	0.85	Clonal

P-0040192-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Missense_Mutation	0.4382824758497315	559	FALSE	1	Clonal
P-0040193-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	EIF1AX	X113_splice	OncokB: Likely Oncogenic	TRUE	23	20148726	C	T	Splice_Site	0.528813559220339	295	TRUE	1	Clonal
P-0047991-T02-IM5	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.6539547712418301	306	FALSE	1	Clonal
P-0001007-T02-IM5	Poorly differentiated thyroid carcinoma	Metastasis	TP53	P151H	OncokB: Likely Oncogenic	TRUE	17	7578478	G	T	Missense_Mutation	0.7475516866158868	919	TRUE	1	Clonal
P-0001007-T02-IM5	Poorly differentiated thyroid carcinoma	Metastasis	DICER1	E381K	OncokB: Likely Oncogenic	TRUE	14	95557630	C	T	Missense_Mutation	0.3855804365400162	1237	TRUE	1	Clonal
P-0001007-T02-IM5	Poorly differentiated thyroid carcinoma	Metastasis	PPP2R1A	K255N	OncokB: Unknown	FALSE	19	52716321	G	C	Missense_Mutation	0.25	948	FALSE	0.81	Clonal
P-0002221-T03-IM6	Poorly differentiated thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.4307116104868914	534	FALSE	1	Clonal
P-0002221-T03-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NRAS	G13R	OncokB: Oncogenic	TRUE	1	115258745	C	G	Missense_Mutation	0.4142338975501114	449	FALSE	1	Clonal
P-0002221-T03-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.4637002341920375	427	FALSE	1	Clonal
P-0002221-T03-IM6	Poorly differentiated thyroid carcinoma	Metastasis	NSD1	W2157*	OncokB: Likely Oncogenic	FALSE	5	176720839	G	A	Nonsense_Mutation	0.43763676487965	457	FALSE	1	Clonal
P-0002221-T03-IM6	Poorly differentiated thyroid carcinoma	Metastasis	MEN1	X280_splice	OncokB: Likely Oncogenic	FALSE	11	64574572	T	A	Splice_Site	0.756204230902501	439	TRUE	1	Clonal
P-0002221-T03-IM6	Poorly differentiated thyroid carcinoma	Metastasis	MDC1	Q1267*	OncokB: Unknown	FALSE	6	30673161	G	A	Nonsense_Mutation	0.37181409295352325	667	FALSE	0.85	Clonal
P-0002233-T03-IM6	Poorly differentiated thyroid carcinoma	Metastasis	DAXX	Q638*	OncokB: Likely Oncogenic	FALSE	6	33287185	G	A	Nonsense_Mutation	0.901140684406464	526	TRUE	1	Clonal
P-0002233-T03-IM6	Poorly differentiated thyroid carcinoma	Metastasis	FOXO1	R234L	OncokB: Likely Oncogenic	FALSE	13	41134987	C	A	Missense_Mutation	0.5181945661921709	281	TRUE	1	Clonal
P-0002233-T03-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TP63	N168S	OncokB: Unknown	FALSE	3	189526239	A	G	Missense_Mutation	0.9123981628931624	468	TRUE	1	Clonal
P-0006980-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	KRAS	G12C	OncokB: Oncogenic	TRUE	12	25398285	C	A	Missense_Mutation	0.640316205333968	1012	FALSE	1	Clonal
P-0006980-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	PK3CA	R115L	OncokB: Likely Oncogenic	TRUE	3	178916957	G	T	Missense_Mutation	0.1347905055436383	1797	FALSE	0.51	Subclonal
P-0006980-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	ARID1B	Q121_Q131del	OncokB: Unknown	FALSE	6	157099403	AGCAGGAGGAGGAGCAGCAGCAGC		In_Frame_Del	0.32413793103446274	435	FALSE	0.84	Clonal
P-0009992-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	SNP	0.358974358974359	275	FALSE	1	Clonal
P-0009992-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	SNP	0.431934882629208	121	FALSE	0.85	Clonal
P-0012718-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	PK3CA	H1047R	OncokB: Oncogenic	TRUE	3	178952085	A	G	Missense_Mutation	0.675192356687898	471	TRUE	1	Clonal
P-0012718-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.41683778234086244	487	FALSE	1	Clonal
P-0012718-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	CDKN1B	Q20*	OncokB: Likely Oncogenic	FALSE	12	12870831	C	T	Nonsense_Mutation	0.3352392471031746	397	FALSE	0.90	Clonal
P-0012718-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	NTRK3	T323M	OncokB: Unknown	FALSE	15	88678541	G	A	Missense_Mutation	0.6565096952908587	361	TRUE	1	Clonal
P-0012718-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	STK40	D323E	OncokB: Unknown	FALSE	1	36809496	G	T	Missense_Mutation	0.6525612472160356	449	TRUE	1	Clonal
P-0016092-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	PTEN	K128*	OncokB: Likely Oncogenic	FALSE	10	89692897	AAAGGAGCGAACTGGT		Frame_Shift_Del	0.7348484848484849	132	TRUE	1	Clonal
P-0016092-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.4112076056938028	355	FALSE	1	Clonal
P-0018130-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	HRAS	Q61R	OncokB: Likely Oncogenic	TRUE	11	533874	T	C	Missense_Mutation	0.5204918032788885	488	TRUE	1	Clonal
P-0018130-T01-IM6	Poorly differentiated thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Likely Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.3978494623655914	186	FALSE	0.95	Clonal
P-0034479-T01-IM5	Poorly differentiated thyroid carcinoma	Metastasis	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.390973390733991	518	FALSE	0.87	Clonal
P-0009094-T01-IM3	Hurtle cell thyroid carcinoma	Primary	PTEN	W111*	OncokB: Likely Oncogenic	FALSE	10	89692849	G	A	Nonsense_Mutation	0.784172662	278	TRUE	1	Clonal
P-0009094-T01-IM3	Hurtle cell thyroid carcinoma	Primary	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.351669941	509	FALSE	0.85	Clonal
P-0009094-T01-IM3	Hurtle cell thyroid carcinoma	Primary	KMT2C	M889I	OncokB: Unknown	FALSE	7	151945452	C	T	Missense_Mutation	0.392785671	998	FALSE	0.95	Clonal
P-002172-T01-IM3	Hurtle cell thyroid carcinoma	Primary	NFE2L2	T80R	OncokB: Likely Oncogenic	TRUE	2	17809806	G	C	Missense_Mutation	0.023663453	1141	TRUE	0.06	Subclonal
P-002172-T01-IM3	Hurtle cell thyroid carcinoma	Primary	EPHA3	R799C	OncokB: Unknown	FALSE	3	88498423	C	T	Missense_Mutation	0.226074896	721	FALSE	0.58	Subclonal
P-0003343-T01-IM5	Hurtle cell thyroid carcinoma	Primary	KMT2C	A1898S	OncokB: Unknown	FALSE	7	151879250	C	A	Missense_Mutation	0.142857143	77	FALSE	0.62	Subclonal
P-0003343-T01-IM5	Hurtle cell thyroid carcinoma	Primary	DOT1L	F326Y	OncokB: Unknown	FALSE	19	2208947	T	A	Missense_Mutation	0.25	84	FALSE	1	Clonal
P-0003797-T01-IM5	Hurtle cell thyroid carcinoma	Primary	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	115256530	G	T	Missense_Mutation	0.415968387	238	FALSE	1	Clonal
P-0003797-T01-IM5	Hurtle cell thyroid carcinoma	Primary	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.462427746	173	FALSE	1	Clonal
P-0003797-T01-IM5	Hurtle cell thyroid carcinoma	Primary	GRIN2A	R504W	OncokB: Unknown	FALSE	16	9934645	G	A	Missense_Mutation	0.391598265	168	FALSE	1	Clonal
P-0003797-T01-IM5	Hurtle cell thyroid carcinoma	Primary	DICER1	E328K	OncokB: Unknown	FALSE	14	95590927	C	T	Missense_Mutation	0.177358491	265	FALSE	0.86	Clonal
P-0003797-T01-IM5	Hurtle cell thyroid carcinoma	Primary	FYN	T458_V462del	OncokB: Unknown	FALSE	6	111995713	ACTCTCCTTTGGTG		In_Frame_Del	0.141114141	333	FALSE	0.68	Subclonal
P-0008484-T02-IM5	Hurtle cell thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Missense_Mutation	0.336184773	1169	FALSE	0.99	Clonal
P-0008484-T02-IM5	Hurtle cell thyroid carcinoma	Primary	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.326283988	331	FALSE	0.96	Clonal
P-0008484-T02-IM5	Hurtle cell thyroid carcinoma	Primary	PTCH1	R1303H	OncokB: Unknown	FALSE	9	98209630	C	T	Missense_Mutation	0.347820087	345	FALSE	1	Clonal
P-0008735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	ATM	R2832C	OncokB: Likely Oncogenic	TRUE	11	108216545	C	T	Missense_Mutation	0.45911215	856	TRUE	1	Clonal
P-0008735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	TP53	G245S	OncokB: Oncogenic	TRUE	17	7577548	C	T	Missense_Mutation	0.066666667	885	TRUE	0.34	Subclonal
P-0008735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	KMT2C	R4478*	OncokB: Likely Oncogenic	FALSE	7	151845880	G	A	Nonsense_Mutation	0.336419753	972	FALSE	1	Clonal
P-0008735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	GPS2	R102*	OncokB: Likely Oncogenic	FALSE	17	7217823	G	A	Nonsense_Mutation	0.165387299	1433	TRUE	0.85	Clonal
P-0008735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	EZH2	N152H*15	OncokB: Likely Oncogenic	FALSE	7	148528849	T		Frame_Shift_Del	0.050802139	1122	FALSE	0.31	Subclonal
P-0008735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	BCOR	Q1414*	OncokB: Likely Oncogenic	FALSE	23	39921580	G	A	Nonsense_Mutation	0.096128838	801	TRUE	0.59	Subclonal
P-0008735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	KMT2C	R4595C	OncokB: Unknown	FALSE	7	151845229	G	A	Missense_Mutation	0.062653563	814	FALSE	0.38	Subclonal
P-0008735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	ALK	R753Q	OncokB: Unknown	FALSE	2	29462643	C	T	Missense_Mutation	0.220046063	888	TRUE	0.91	Clonal
P-0008735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	KMT2D	A5187T	OncokB: Unknown	FALSE	12	48420190	C	T	Missense_Mutation	0.203106032	837	TRUE	1	Clonal

P-0009735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	CBL	R559Q	OncKB: Unknown	FALSE	11	119156011	G	A	Missense_Mutation	0.25	1024	TRUE	1	Clonal
P-0009735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	BRCA1	R496H	OncKB: Unknown	FALSE	17	41248061	C	T	Missense_Mutation	0.140106952	935	FALSE	0.72	Subclonal
P-0009735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	RBM10	G76S	OncKB: Unknown	FALSE	23	47032551	G	A	Missense_Mutation	0.346550847	756	TRUE	1	Clonal
P-0009735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	PTPR	R328C	OncKB: Unknown	FALSE	20	41306677	G	A	Missense_Mutation	0.116817724	993	FALSE	0.72	Subclonal
P-0009735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	ZRSR2	R454Q	OncKB: Unknown	FALSE	23	15841277	G	A	Missense_Mutation	0.113513514	555	TRUE	0.7	Subclonal
P-0009735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	SMARCA4	G1031S	OncKB: Unknown	FALSE	19	11138107	G	A	Missense_Mutation	0.175330396	1135	FALSE	1	Clonal
P-0009735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	PIK3C2G	R861C	OncKB: Unknown	FALSE	12	18656262	C	T	Missense_Mutation	0.064261556	887	TRUE	0.33	Subclonal
P-0009735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	TP63	T193M	OncKB: Unknown	FALSE	3	189526314	C	T	Missense_Mutation	0.088135993	295	TRUE	0.36	Subclonal
P-0009735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	ETV1	H168Y	OncKB: Unknown	FALSE	7	13975385	G	A	Missense_Mutation	0.05964467	788	FALSE	0.37	Subclonal
P-0009735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	DICER1	P750S	OncKB: Unknown	FALSE	14	85577662	G	A	Missense_Mutation	0.067547724	1362	TRUE	0.55	Subclonal
P-0009735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	POLD1	R30Q	OncKB: Unknown	FALSE	19	5902197	G	A	Missense_Mutation	0.051563357	1823	FALSE	0.32	Subclonal
P-0009735-T01-IM5	Hurtle cell thyroid carcinoma	Primary	BCOR	E630K	OncKB: Unknown	FALSE	23	39932711	C	T	Missense_Mutation	0.326742976	961	TRUE	1	Clonal
P-0010862-T01-IM5	Hurtle cell thyroid carcinoma	Primary	ASXL1	T880Ns*2	OncKB: Likely Oncogenic	FALSE	20	31023152		A	Frame_Shift_Ins	0.241610738	894	FALSE	1	Clonal
P-0010862-T01-IM5	Hurtle cell thyroid carcinoma	Primary	SMARCA4	P913L	OncKB: Unknown	FALSE	19	11098420	C	T	Missense_Mutation	0.134615385	728	FALSE	1	Clonal
P-0010862-T01-IM5	Hurtle cell thyroid carcinoma	Primary	SMARCA4	T296S	OncKB: Unknown	FALSE	19	11098398	A	T	Missense_Mutation	0.146282974	834	FALSE	1	Clonal
P-0010862-T01-IM5	Hurtle cell thyroid carcinoma	Primary	SMARCA4	P326L	OncKB: Unknown	FALSE	19	11098465	CG	TT	Missense_Mutation	0.144303802	665	FALSE	1	Clonal
P-0002510-T01-IM3	Hurtle cell thyroid carcinoma	Primary	TERT	Promoter	OncKB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.305970149	134	FALSE	1	Clonal
P-0002510-T01-IM3	Hurtle cell thyroid carcinoma	Primary	MAX	K77_H79del	OncKB: Unknown	FALSE	14	65544888	TGTGGTTT		In_Frame_Del	0.061728395	324	TRUE	0.16	Subclonal
P-000967-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	TSC2	F1275Ls*46	OncKB: Likely Oncogenic	FALSE	16	2132444	TT		Frame_Shift_Del	0.3625	320	FALSE	1	Clonal
P-000967-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	TERT	Promoter	OncKB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.29929259	108	FALSE	0.81	Clonal
P-000967-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	IRS1	P1098S	OncKB: Unknown	FALSE	2	22780430	G	A	Missense_Mutation	0.196428571	168	TRUE	0.42	Subclonal
P-000967-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	CDH1	A296_T287del	OncKB: Unknown	FALSE	16	6845508	CACAGC		In_Frame_Del	0.30952381	336	FALSE	0.97	Clonal
P-0001028-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	NF1	R1534*	OncKB: Likely Oncogenic	FALSE	17	29588751	C	T	Nonsense_Mutation	0.387688985	926	TRUE	1	Clonal
P-0001028-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	TP53	R213*	OncKB: Likely Oncogenic	FALSE	17	7578212	G	A	Nonsense_Mutation	0.042407661	731	TRUE	0.12	Subclonal
P-0001028-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	RB1	X463_splice	OncKB: Likely Oncogenic	TRUE	13	48953787	G	C	Splice_Site	0.08	900	TRUE	0.23	Subclonal
P-0001028-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	TERT	Promoter	OncKB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.317518248	274	FALSE	1	Clonal
P-0001028-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	TP53	Q331*	OncKB: Likely Oncogenic	FALSE	17	7578655	G	A	Nonsense_Mutation	0.085714286	630	TRUE	0.25	Subclonal
P-0001028-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	LATS1	Q273E	OncKB: Unknown	FALSE	6	150055498	G	C	Missense_Mutation	0.09371293	843	TRUE	0.27	Subclonal
P-0001028-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	LATS1	S289C	OncKB: Unknown	FALSE	6	150053359	G	C	Missense_Mutation	0.091541136	863	TRUE	0.27	Subclonal
P-0001028-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	ARID2	D157H	OncKB: Unknown	FALSE	12	46211503	G	C	Missense_Mutation	0.054644809	1484	FALSE	0.21	Subclonal
P-0001028-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	ATRX	S2317L	OncKB: Unknown	FALSE	23	7677776	G	A	Missense_Mutation	0.105625718	871	TRUE	0.41	Subclonal
P-0001216-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	ARID1A	R693*	OncKB: Likely Oncogenic	FALSE	1	27087503	C	T	Nonsense_Mutation	0.197478992	476	TRUE	0.96	Clonal
P-0001216-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	NF1	G629R	OncKB: Likely Oncogenic	FALSE	17	29582152	G	A	Missense_Mutation	0.168389956	677	TRUE	0.82	Clonal
P-0001216-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	KMT2D	R5179H	OncKB: Likely Oncogenic	TRUE	12	49420213	C	T	Missense_Mutation	0.091911765	544	FALSE	0.45	Subclonal
P-0001216-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	TP53	S362As*8	OncKB: Likely Oncogenic	FALSE	17	7578944	C		Frame_Shift_Del	0.062089552	536	TRUE	0.4	Subclonal
P-0001216-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	KMT2D	N2517fs*26	OncKB: Likely Oncogenic	FALSE	12	49434005	G		Frame_Shift_Del	0.074380165	363	FALSE	0.38	Subclonal
P-0001216-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	FAT1	K2139Gs*8	OncKB: Likely Oncogenic	FALSE	4	187541324	T		Frame_Shift_Del	0.208128079	812	FALSE	1	Clonal
P-0001216-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	PLK2	D3777fs*26	OncKB: Unknown	FALSE	5	57752800	T		Frame_Shift_Del	0.091876209	1034	FALSE	0.54	Subclonal
P-0001216-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	DOT1L	A1089T	OncKB: Unknown	FALSE	19	2222373	G	A	Missense_Mutation	0.196286472	377	FALSE	0.96	Clonal
P-0001246-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	TERT	Promoter	OncKB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.53030303	66	FALSE	1	Clonal
P-0001246-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	PTPRD	R232H	OncKB: Unknown	FALSE	9	8521543	C	T	Missense_Mutation	0.148325359	209	TRUE	0.25	Subclonal
P-0001541-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	ATM	Q2177*	OncKB: Likely Oncogenic	FALSE	11	108192104	C	T	Nonsense_Mutation	0.614035088	57	TRUE	1	Clonal
P-0001541-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	AXL	Q293K	OncKB: Unknown	FALSE	19	41743942	C	A	Missense_Mutation	0.192982456	171	FALSE	0.58	Subclonal
P-0001541-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	POLE	X142_splice	OncKB: Unknown	FALSE	12	133256238	C	A	Splice_Site	0.227272727	66	FALSE	0.68	Subclonal
P-0001853-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	NF1	L1869*	OncKB: Likely Oncogenic	FALSE	17	29654854	T	G	Nonsense_Mutation	0.510869565	92	TRUE	1	Clonal
P-0001853-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	TERT	Promoter	OncKB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.442622951	61	FALSE	1	Clonal
P-0001853-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	NF2	C51*	OncKB: Likely Oncogenic	FALSE	22	30032778	C	A	Nonsense_Mutation	0.086614173	127	TRUE	0.26	Subclonal
P-0001853-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	KEAP1	L291Cfs*26	OncKB: Likely Oncogenic	FALSE	19	10602707	G		Frame_Shift_Del	0.556390977	133	FALSE	1	Clonal
P-0001853-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	NF2	L49Fs*37	OncKB: Likely Oncogenic	FALSE	22	30032768		T	Frame_Shift_Ins	0.0869375	128	TRUE	0.26	Subclonal
P-0001868-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	PTEN	E40Kfs*14	OncKB: Likely Oncogenic	FALSE	10	89653820	G		Frame_Shift_Del	0.74539873	326	TRUE	1	Clonal
P-0001868-T01-IM3	Hurtle cell thyroid carcinoma	Metastasis	TERT	Promoter	OncKB: Oncogenic	FALSE	5	1295220	G	A	5'Flank	0.4375	144	FALSE	1	Clonal
P-0003691-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	NRAS	Q61R	OncKB: Oncogenic	TRUE	1	115256529	T	C	Missense_Mutation	0.348599411	584	FALSE	1	Clonal
P-0003691-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	TERT	Promoter	OncKB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.315789474	133	FALSE	1	Clonal
P-0003691-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	VHL	R167Q	OncKB: Oncogenic	FALSE	3	10191507	G	A	Missense_Mutation	0.020446097	538	FALSE	0.12	Subclonal
P-0003691-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	SMARCB1	D367E	OncKB: Unknown	FALSE	22	24175873	C	A	Missense_Mutation	0.325471698	424	FALSE	1	Clonal
P-0004734-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	PTEN	I253*	OncKB: Likely Oncogenic	FALSE	10	8971727	GTAT		Frame_Shift_Ins	0.640410959	292	TRUE	1	Clonal

P-0004734-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	EP300	E355G	OncokB: Unknown	FALSE	22	4152348	A	G	Missense_Mutation	0.204590818	1002	FALSE	1	Clonal
P-0005244-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	MSH6	F10885fs*2	OncokB: Likely Oncogenic	FALSE	2	48030640	C		Frame_Shift_Del	0.685330347	893	TRUE	0.95	Clonal
P-0005244-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	DAXX	R318*	OncokB: Likely Oncogenic	FALSE	6	33286000	G	A	Nonsense_Mutation	0.735725938	613	TRUE	1	Clonal
P-0005244-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	XRCC2	R17*	OncokB: Likely Oncogenic	FALSE	7	152357858	G	A	Nonsense_Mutation	0.406727829	1635	FALSE	0.97	Clonal
P-0005244-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	TSC2	A1196V	OncokB: Unknown	FALSE	16	2130352	C	T	Missense_Mutation	0.050076247	639	TRUE	0.07	Subclonal
P-0005244-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	MST1R	T957M	OncokB: Unknown	FALSE	3	49933240	G	A	Missense_Mutation	0.097251586	946	TRUE	0.13	Subclonal
P-0005244-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	LATS2	A251V	OncokB: Unknown	FALSE	13	21563167	G	A	Missense_Mutation	0.102316802	1036	FALSE	0.24	Subclonal
P-0005244-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	COP1	X616_splice	OncokB: Unknown	FALSE	1	175958497	C	T	Splice_Site	0.668907963	595	TRUE	0.92	Clonal
P-0005244-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	CSF1R	H345N	OncokB: Unknown	FALSE	5	149452913	G	T	Missense_Mutation	0.425597061	1633	FALSE	1	Clonal
P-0005244-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	TSC2	R86W	OncokB: Unknown	FALSE	16	2103409	C	T	Missense_Mutation	0.557670773	893	TRUE	0.77	Subclonal
P-0005244-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	RARA	P279T	OncokB: Unknown	FALSE	17	38510581	C	A	Missense_Mutation	0.435474367	1697	FALSE	1	Clonal
P-0010797-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	DNMT3A	R738H	OncokB: Likely Oncogenic	FALSE	2	25463286	C	T	Missense_Mutation	0.485875706	708	TRUE	0.97	Clonal
P-0010797-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	TP53	F134Lfs*14	OncokB: Likely Oncogenic	FALSE	17	7578527	AA		Frame_Shift_Del	0.503990878	877	TRUE	1	Clonal
P-0010797-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	SDHB	L121F	OncokB: Unknown	FALSE	1	17355157	G	A	Missense_Mutation	0.471361502	1065	TRUE	0.94	Clonal
P-0010797-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	PTPRD	I1310T	OncokB: Unknown	FALSE	9	8449784	A	G	Missense_Mutation	0.417095778	971	TRUE	0.83	Clonal
P-0010820-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	NF1	Q347*	OncokB: Likely Oncogenic	FALSE	17	29527590	C	T	Nonsense_Mutation	0.053156146	602	TRUE	0.11	Subclonal
P-0010820-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.299552906	671	FALSE	0.93	Clonal
P-0010820-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	KEAP1	R483S	OncokB: Unknown	FALSE	19	10600408	G	T	Missense_Mutation	0.476097561	1025	TRUE	1	Clonal
P-0010820-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	MST1R	F489L	OncokB: Unknown	FALSE	3	49936381	G	C	Missense_Mutation	0.517241379	1218	TRUE	1	Clonal
P-0010797-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.212837838	592	FALSE	1	Clonal
P-0010797-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	TBX3	E469Q	OncokB: Unknown	FALSE	12	115112335	C	G	Missense_Mutation	0.162241888	339	FALSE	0.83	Clonal
P-0010797-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	XAP	H178Q	OncokB: Unknown	FALSE	23	123020046	C	A	Missense_Mutation	0.186362636	660	FALSE	0.95	Clonal
P-0007033-T01-IM5	Hurtle cell thyroid carcinoma	Metastasis	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295173	C	T	5'Flank	0.198795181	166	FALSE	0.97	Clonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	TSC2	N1870fs*2	OncokB: Likely Oncogenic	FALSE	16	2105476		T	Frame_Shift_Ins	0.625832224	751	TRUE	1	Clonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	PTEN	X70_splice	OncokB: Likely Oncogenic	TRUE	10	89685315	G	A	Splice_Site	0.558823529	544	TRUE	1	Clonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	ARID1A	D1850Tfs*33	OncokB: Likely Oncogenic	FALSE	1	27105931	G		Frame_Shift_Del	0.517647059	425	TRUE	1	Clonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	TP53	P152Rfs*18	OncokB: Likely Oncogenic	FALSE	17	7578475	G		Frame_Shift_Del	0.629389965	456	TRUE	1	Clonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	DAXX	L98Vfs*13	OncokB: Likely Oncogenic	FALSE	6	33289259	AG		Frame_Shift_Del	0.609544469	481	TRUE	1	Clonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	MLH1	E13Rfs*4	OncokB: Likely Oncogenic	FALSE	3	37035075	G		Frame_Shift_Del	0.715759892	971	TRUE	1	Clonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	MEN1	P498Rfs*66	OncokB: Likely Oncogenic	FALSE	11	64572161	G		Frame_Shift_Del	0.419476655	267	TRUE	1	Clonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	TSC2	A77T	OncokB: Unknown	FALSE	16	2103346	G	A	Missense_Mutation	0.611328125	512	TRUE	1	Clonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	CARD11	R578H	OncokB: Unknown	FALSE	7	2968259	C	T	Missense_Mutation	0.339240506	1185	TRUE	1	Clonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	PIK3CG	R20C	OncokB: Unknown	FALSE	7	106508064	C	T	Missense_Mutation	0.140718563	334	FALSE	0.75	Subclonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	MTOR	A480T	OncokB: Unknown	FALSE	1	11301713	C	T	Missense_Mutation	0.563492563	481	TRUE	1	Clonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	DOR2	I726T	OncokB: Unknown	FALSE	1	162746054	T	C	Missense_Mutation	0.081671415	1053	FALSE	0.36	Subclonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	NSD1	C1598R	OncokB: Unknown	FALSE	5	179678845	T	C	Missense_Mutation	0.177383592	451	FALSE	0.6	Subclonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	ATM	L129G	OncokB: Unknown	FALSE	11	108150090	C	A	Missense_Mutation	0.600238663	838	TRUE	1	Clonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	PIK3C2G	M969V	OncokB: Unknown	FALSE	12	18656226	A	G	Missense_Mutation	0.241324921	634	TRUE	0.81	Subclonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	POLE	R1570Q	OncokB: Unknown	FALSE	12	133219425	C	T	Missense_Mutation	0.166931938	1298	TRUE	0.56	Subclonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	TSC2	D1705N	OncokB: Unknown	FALSE	16	2138093	G	A	Missense_Mutation	0.608203678	707	TRUE	1	Clonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	ERCC4	A383V	OncokB: Unknown	FALSE	16	14022094	C	T	Missense_Mutation	0.568710359	473	TRUE	1	Clonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	ERBB2	P1254S	OncokB: Unknown	FALSE	17	37884289	C	T	Missense_Mutation	0.612288136	472	TRUE	1	Clonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	SRC	T293A	OncokB: Unknown	FALSE	20	36028535	A	G	Missense_Mutation	0.120669056	837	TRUE	0.41	Subclonal
P-0000285-T01-IM3	Anaplastic thyroid carcinoma	Primary	KMT2A	S97_S88del	OncokB: Unknown	FALSE	11	118307493	CCTCGT		In_Frame_Del	0.151269036	985	TRUE	0.51	Subclonal
P-0001280-T01-IM3	Anaplastic thyroid carcinoma	Primary	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	115256530	G	T	Missense_Mutation	0.329348826	1087	FALSE	0.99	Clonal
P-0001280-T01-IM3	Anaplastic thyroid carcinoma	Primary	TP53	C277F	OncokB: Likely Oncogenic	TRUE	17	7577108	C	A	Missense_Mutation	0.504950495	808	TRUE	1	Clonal
P-0001280-T01-IM3	Anaplastic thyroid carcinoma	Primary	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.459893048	187	FALSE	1	Clonal
P-0001418-T01-IM3	Anaplastic thyroid carcinoma	Primary	PIK3CA	E542K	OncokB: Oncogenic	TRUE	3	178936082	G	A	Missense_Mutation	0.039285714	280	FALSE	0.13	Subclonal
P-0001418-T01-IM3	Anaplastic thyroid carcinoma	Primary	PTEN	Y177*	OncokB: Likely Oncogenic	FALSE	10	89711913	T	A	Nonsense_Mutation	0.162408759	548	TRUE	0.55	Subclonal
P-0001418-T01-IM3	Anaplastic thyroid carcinoma	Primary	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.693693694	111	FALSE	1	Clonal
P-0001418-T01-IM3	Anaplastic thyroid carcinoma	Primary	KMT2D	G3913*	OncokB: Likely Oncogenic	FALSE	12	49426751	G	A	Nonsense_Mutation	0.075757576	264	TRUE	0.26	Subclonal
P-0001418-T01-IM3	Anaplastic thyroid carcinoma	Primary	RB1	W681*	OncokB: Likely Oncogenic	FALSE	13	49033905	G	A	Nonsense_Mutation	0.59118541	658	TRUE	1	Clonal
P-0001418-T01-IM3	Anaplastic thyroid carcinoma	Primary	CDKN1B	R15Gfs*27	OncokB: Likely Oncogenic	FALSE	12	12870816	C		Frame_Shift_Del	0.567567568	333	TRUE	1	Clonal
P-0001418-T01-IM3	Anaplastic thyroid carcinoma	Primary	CD276	M1?	OncokB: Unknown	FALSE	15	73991983	G	A	Tranlation_Start_Site	0.573469388	490	TRUE	1	Clonal
P-0001418-T01-IM3	Anaplastic thyroid carcinoma	Primary	NF1	G1166S	OncokB: Unknown	FALSE	17	29559899	G	A	Missense_Mutation	0.672413793	406	TRUE	1	Clonal
P-0001671-T01-IM3	Anaplastic thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Missense_Mutation	0.328828829	444	FALSE	0.94	Clonal

P-0001671-T01-IM3	Anaplastic thyroid carcinoma	Primary	TP53	R273H	OncokB: Oncogenic	TRUE	17	7577120	C	T	Missense_Mutation	0.512476008	521	TRUE	0.95	Clonal
P-0001671-T01-IM3	Anaplastic thyroid carcinoma	Primary	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.325949367	316	FALSE	0.93	Clonal
P-0001671-T01-IM3	Anaplastic thyroid carcinoma	Primary	EPHA3	G629*	OncokB: Likely Oncogenic	FALSE	3	89462410	G	T	Nonsense_Mutation	0.318559557	361	FALSE	0.91	Clonal
P-0001671-T01-IM3	Anaplastic thyroid carcinoma	Primary	PBRM1	A1371G	OncokB: Unknown	FALSE	3	52595933	G	C	Missense_Mutation	0.386217949	624	FALSE	1	Clonal
P-0002204-T01-IM3	Anaplastic thyroid carcinoma	Primary	TP53	R249K	OncokB: Likely Oncogenic	TRUE	17	7577535	C	T	Missense_Mutation	0.189929174	593	TRUE	0.78	Subclonal
P-0002204-T01-IM3	Anaplastic thyroid carcinoma	Primary	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.166666667	444	FALSE	0.84	Clonal
P-0002204-T01-IM3	Anaplastic thyroid carcinoma	Primary	SETD2	Q2277*	OncokB: Likely Oncogenic	FALSE	3	47098445	G	A	Nonsense_Mutation	0.217630854	726	TRUE	0.66	Subclonal
P-0002204-T01-IM3	Anaplastic thyroid carcinoma	Primary	PBRM1	Y1167Ms*28	OncokB: Likely Oncogenic	FALSE	3	52610674	A	A	Frame_Shift_Del	0.244775982	862	TRUE	0.75	Subclonal
P-0002204-T01-IM3	Anaplastic thyroid carcinoma	Primary	EPHA3	G293D	OncokB: Unknown	FALSE	3	89390099	G	A	Missense_Mutation	0.15993266	1188	FALSE	0.81	Subclonal
P-0002204-T01-IM3	Anaplastic thyroid carcinoma	Primary	MTOR	F997L	OncokB: Unknown	FALSE	1	11288764	G	T	Missense_Mutation	0.167422614	884	TRUE	0.84	Clonal
P-0002204-T01-IM3	Anaplastic thyroid carcinoma	Primary	IL7R	Y212N	OncokB: Unknown	FALSE	5	35873678	T	A	Missense_Mutation	0.140445645	1481	FALSE	0.71	Subclonal
P-0002204-T01-IM3	Anaplastic thyroid carcinoma	Primary	RECOL4	L816R	OncokB: Unknown	FALSE	8	145738617	A	C	Missense_Mutation	0.200483092	414	FALSE	1	Clonal
P-0002204-T01-IM3	Anaplastic thyroid carcinoma	Primary	TSHR	D633A	OncokB: Unknown	FALSE	14	81610300	A	C	Missense_Mutation	0.110918544	1154	FALSE	0.56	Subclonal
P-0002204-T01-IM3	Anaplastic thyroid carcinoma	Primary	TSHR	M837I	OncokB: Unknown	FALSE	14	81610313	G	T	Missense_Mutation	0.110845295	1254	FALSE	0.56	Subclonal
P-0002204-T01-IM3	Anaplastic thyroid carcinoma	Primary	CREBBP	S1136Y	OncokB: Unknown	FALSE	16	3890012	G	T	Missense_Mutation	0.17759857	811	TRUE	0.9	Clonal
P-0002210-T01-IM3	Anaplastic thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.313077939	757	FALSE	1	Clonal
P-0002210-T01-IM3	Anaplastic thyroid carcinoma	Primary	TP53	Y234_M237Gel	OncokB: Likely Oncogenic	TRUE	17	7577569	ACATGTAGTTGT		in_Frame_Del	0.433136535	688	TRUE	1	Clonal
P-0002210-T01-IM3	Anaplastic thyroid carcinoma	Primary	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295230	G	A	5'Flank	0.51827957	465	FALSE	1	Clonal
P-0002210-T01-IM3	Anaplastic thyroid carcinoma	Primary	NF2	Y66fs*15	OncokB: Likely Oncogenic	FALSE	22	30032821	TACACATCAAGGACAC	ATT	Frame_Shift_Del	0.362406015	665	FALSE	1	Clonal
P-0002210-T01-IM3	Anaplastic thyroid carcinoma	Primary	ATRX	D1199E	OncokB: Unknown	FALSE	23	76937151	G	T	Missense_Mutation	0.162847896	1236	FALSE	0.82	Clonal
P-0002263-T01-IM3	Anaplastic thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.204049844	642	FALSE	0.57	Subclonal
P-0002263-T01-IM3	Anaplastic thyroid carcinoma	Primary	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.319537859	383	FALSE	0.9	Clonal
P-0002263-T01-IM3	Anaplastic thyroid carcinoma	Primary	BCOR	Q1430*	OncokB: Likely Oncogenic	FALSE	23	39921532	G	A	Nonsense_Mutation	0.585949178	669	FALSE	1	Clonal
P-0002263-T01-IM3	Anaplastic thyroid carcinoma	Primary	TP53	P71S	OncokB: Unknown	FALSE	17	7579476	G	A	Missense_Mutation	0.470588235	629	TRUE	1	Clonal
P-0003280-T01-IM5	Anaplastic thyroid carcinoma	Primary	KRAS	Q61R	OncokB: Oncogenic	TRUE	12	25380276	T	C	Missense_Mutation	0.570230608	954	FALSE	1	Clonal
P-0003280-T01-IM5	Anaplastic thyroid carcinoma	Primary	TET1	N216S	OncokB: Unknown	FALSE	10	70451507	A	G	Missense_Mutation	0.146789991	545	TRUE	0.46	Subclonal
P-0004060-T01-IM5	Anaplastic thyroid carcinoma	Primary	HRAS	Q61K	OncokB: Oncogenic	TRUE	11	533875	G	T	Missense_Mutation	0.312703583	921	FALSE	1	Clonal
P-0004060-T01-IM5	Anaplastic thyroid carcinoma	Primary	PK3CA	M104I	OncokB: Oncogenic	TRUE	3	178952074	G	A	Missense_Mutation	0.144642857	580	FALSE	0.47	Subclonal
P-0004060-T01-IM5	Anaplastic thyroid carcinoma	Primary	TP53	R213*	OncokB: Likely Oncogenic	FALSE	17	7576212	G	A	Nonsense_Mutation	0.132478632	936	FALSE	0.43	Subclonal
P-0004060-T01-IM5	Anaplastic thyroid carcinoma	Primary	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295230	G	A	5'Flank	0.176470588	170	FALSE	0.57	Subclonal
P-0004060-T01-IM5	Anaplastic thyroid carcinoma	Primary	TP53	X188_splice	OncokB: Likely Oncogenic	FALSE	17	7578359	CCAGTGTCTCAACAT		Splice_Site	0.109489051	411	FALSE	0.35	Subclonal
P-0004503-T01-IM5	Anaplastic thyroid carcinoma	Primary	TP53	Y236C	OncokB: Likely Oncogenic	TRUE	17	7577574	T	C	Missense_Mutation	0.730375427	586	TRUE	1	Clonal
P-0004503-T01-IM5	Anaplastic thyroid carcinoma	Primary	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.653144016	493	FALSE	1	Clonal
P-0004503-T01-IM5	Anaplastic thyroid carcinoma	Primary	RB1	L512*	OncokB: Likely Oncogenic	FALSE	13	48955419	T	A	Nonsense_Mutation	0.055645481	611	TRUE	0.21	Subclonal
P-0004503-T01-IM5	Anaplastic thyroid carcinoma	Primary	KEAP1	D389G	OncokB: Unknown	FALSE	19	10602412	T	C	Missense_Mutation	0.681184669	574	TRUE	1	Clonal
P-0005677-T01-IM5	Anaplastic thyroid carcinoma	Primary	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.324921136	317	FALSE	1	Clonal
P-0005677-T01-IM5	Anaplastic thyroid carcinoma	Primary	RBM10	Q671*	OncokB: Likely Oncogenic	FALSE	23	47041720	C	T	Nonsense_Mutation	0.354048964	531	FALSE	1	Clonal
P-0005677-T01-IM5	Anaplastic thyroid carcinoma	Primary	NF2	X228_splice	OncokB: Likely Oncogenic	FALSE	22	30057193	G	A	Splice_Site	0.210698444	576	TRUE	0.65	Subclonal
P-0005677-T01-IM5	Anaplastic thyroid carcinoma	Primary	ASXL1	E513*	OncokB: Likely Oncogenic	FALSE	20	31021538	G	T	Nonsense_Mutation	0.108259881	545	FALSE	0.33	Subclonal
P-0005677-T01-IM5	Anaplastic thyroid carcinoma	Primary	BCOR	S3L	OncokB: Unknown	FALSE	23	39937175	G	A	Missense_Mutation	0.350993377	453	FALSE	1	Clonal
P-0005677-T01-IM5	Anaplastic thyroid carcinoma	Primary	ANKRD11	D723H	OncokB: Unknown	FALSE	16	89350783	C	G	Missense_Mutation	0.106271777	1148	TRUE	0.33	Subclonal
P-0005723-T01-IM5	Anaplastic thyroid carcinoma	Primary	PTEN	Q298*	OncokB: Likely Oncogenic	FALSE	10	89720741	C	T	Nonsense_Mutation	0.128342246	187	TRUE	0.71	Subclonal
P-0005723-T01-IM5	Anaplastic thyroid carcinoma	Primary	CDKN1B	X159_splice	OncokB: Likely Oncogenic	TRUE	12	12871756	TAGATTCTTC		Splice_Site	0.253807107	788	TRUE	1	Clonal
P-0005723-T01-IM5	Anaplastic thyroid carcinoma	Primary	STK11	Q220*	OncokB: Likely Oncogenic	FALSE	19	1220640	C	T	Nonsense_Mutation	0.376442016	1847	FALSE	1	Clonal
P-0005723-T01-IM5	Anaplastic thyroid carcinoma	Primary	RB1	Y728*	OncokB: Likely Oncogenic	FALSE	13	49037944	C	A	Nonsense_Mutation	0.17816092	1044	TRUE	0.81	Subclonal
P-0005723-T01-IM5	Anaplastic thyroid carcinoma	Primary	MAP2K4	Y193Vfs*3	OncokB: Likely Oncogenic	FALSE	17	12011168	TATA		Frame_Shift_Del	0.254758419	683	TRUE	1	Clonal
P-0005723-T01-IM5	Anaplastic thyroid carcinoma	Primary	ABL1	E453Q	OncokB: Unknown	FALSE	9	133753888	G	C	Missense_Mutation	0.297848154	1625	TRUE	1	Clonal
P-0005723-T01-IM5	Anaplastic thyroid carcinoma	Primary	KMT2D	E888K	OncokB: Unknown	FALSE	12	48444904	C	T	Missense_Mutation	0.346789991	1635	FALSE	1	Clonal
P-0005723-T01-IM5	Anaplastic thyroid carcinoma	Primary	PBRM1	L119P	OncokB: Unknown	FALSE	3	52702542	A	G	Missense_Mutation	0.141891892	888	TRUE	0.79	Subclonal
P-0007151-T01-IM5	Anaplastic thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.243055556	720	FALSE	0.96	Clonal
P-0007151-T01-IM5	Anaplastic thyroid carcinoma	Primary	AKT1	E17K	OncokB: Oncogenic	TRUE	14	105246551	C	T	Missense_Mutation	0.16962306	902	FALSE	0.67	Subclonal
P-0007151-T01-IM5	Anaplastic thyroid carcinoma	Primary	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.182265918	534	FALSE	0.74	Subclonal
P-0007151-T01-IM5	Anaplastic thyroid carcinoma	Primary	PLK2	S63L	OncokB: Unknown	FALSE	5	57755599	G	A	Missense_Mutation	0.144230769	832	FALSE	0.57	Subclonal
P-0008573-T01-IM5	Anaplastic thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.232346241	439	FALSE	0.74	Subclonal
P-0008573-T01-IM5	Anaplastic thyroid carcinoma	Primary	TP53	H179D	OncokB: Likely Oncogenic	TRUE	17	7578395	G	C	Missense_Mutation	0.319502075	241	TRUE	1	Clonal
P-0008573-T01-IM5	Anaplastic thyroid carcinoma	Primary	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.182130584	291	FALSE	0.58	Subclonal

P-000873-T01-IM5	Anaplastic thyroid carcinoma	Primary	NF2	Q407*	OncokB: Likely Oncogenic	FALSE	22	30069354	C	T	Nonsense_Mutation	0.23032157	408	TRUE	0.73	Subclonal
P-000875-T02-IM5	Anaplastic thyroid carcinoma	Primary	NRAS	Q61R	OncokB: Oncogenic	TRUE	1	115256529	T	C	Missense_Mutation	0.202255639	1330	FALSE	1	Clonal
P-000875-T02-IM5	Anaplastic thyroid carcinoma	Primary	TP53	C275F	OncokB: Likely Oncogenic	TRUE	17	7571114	C	A	Missense_Mutation	0.190048376	1447	TRUE	0.97	Clonal
P-000875-T02-IM5	Anaplastic thyroid carcinoma	Primary	EIF1AX	X113_splice	OncokB: Likely Oncogenic	TRUE	23	20148726	C	T	Splice_Site	0.086159487	1091	FALSE	0.44	Subclonal
P-000875-T02-IM5	Anaplastic thyroid carcinoma	Primary	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295228	G	A	5Flank	0.125514403	486	FALSE	0.64	Subclonal
P-000875-T02-IM5	Anaplastic thyroid carcinoma	Primary	BBC3	H103Y	OncokB: Unknown	FALSE	19	47731485	G	A	Missense_Mutation	0.108696652	138	FALSE	0.56	Subclonal
P-000954-T01-IM3	Anaplastic thyroid carcinoma	Primary	TP53	R248T	OncokB: Likely Oncogenic	TRUE	17	7577535	C	G	Missense_Mutation	0.232510288	486	TRUE	1	Clonal
P-000954-T01-IM3	Anaplastic thyroid carcinoma	Primary	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295228	G	A	5Flank	0.320634921	315	FALSE	1	Clonal
P-000954-T01-IM3	Anaplastic thyroid carcinoma	Primary	CREBBP	X1305_splice	OncokB: Likely Oncogenic	FALSE	16	3795277	C	T	Splice_Site	0.154471545	492	TRUE	0.66	Subclonal
P-000954-T01-IM3	Anaplastic thyroid carcinoma	Primary	RB1	E672*	OncokB: Likely Oncogenic	FALSE	13	49033877	G	T	Nonsense_Mutation	0.219068536	642	TRUE	0.94	Clonal
P-000954-T01-IM3	Anaplastic thyroid carcinoma	Primary	SOX9	E148D	OncokB: Unknown	FALSE	17	70118872	G	C	Missense_Mutation	0.190034762	863	FALSE	0.82	Clonal
P-0003176-T01-IM5	Anaplastic thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.153153153	333	FALSE	0.55	Subclonal
P-0003176-T01-IM5	Anaplastic thyroid carcinoma	Primary	PIK3CA	M1043V	OncokB: Oncogenic	TRUE	3	178952072	A	G	Missense_Mutation	0.44	450	FALSE	1	Clonal
P-0003176-T01-IM5	Anaplastic thyroid carcinoma	Primary	TP53	V172F	OncokB: Likely Oncogenic	TRUE	17	7579416	C	A	Missense_Mutation	0.538752363	529	FALSE	1	Clonal
P-0003176-T01-IM5	Anaplastic thyroid carcinoma	Primary	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295228	G	A	5Flank	0.296095365	179	TRUE	1	Clonal
P-0005549-T01-IM5	Anaplastic thyroid carcinoma	Primary	PTEN	T319Kfs*24	OncokB: Likely Oncogenic	FALSE	10	89720805	CTTT		Frame_Shift_Del	0.666666667	198	TRUE	1	Clonal
P-0005549-T01-IM5	Anaplastic thyroid carcinoma	Primary	ARID1A	Q1363*	OncokB: Likely Oncogenic	FALSE	1	27100375	C	T	Nonsense_Mutation	0.676657584	1101	TRUE	1	Clonal
P-0005549-T01-IM5	Anaplastic thyroid carcinoma	Primary	TP53	H214R	OncokB: Likely Oncogenic	TRUE	17	7578206	T	C	Missense_Mutation	0.666666667	1575	TRUE	1	Clonal
P-0005549-T01-IM5	Anaplastic thyroid carcinoma	Primary	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295228	G	A	5Flank	0.631659056	657	TRUE	1	Clonal
P-0005549-T01-IM5	Anaplastic thyroid carcinoma	Primary	APC	R564*	OncokB: Likely Oncogenic	FALSE	5	112164616	C	T	Nonsense_Mutation	0.671641791	670	TRUE	1	Clonal
P-0005549-T01-IM5	Anaplastic thyroid carcinoma	Primary	APC	L831S	OncokB: Unknown	FALSE	5	112173783	T	C	Missense_Mutation	0.602272727	440	TRUE	1	Clonal
P-0005549-T01-IM5	Anaplastic thyroid carcinoma	Primary	TSC1	I462V	OncokB: Unknown	FALSE	9	135781521	T	C	Missense_Mutation	0.646079303	1894	TRUE	1	Clonal
P-0009486-T01-IM5	Anaplastic thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.141853933	712	FALSE	0.58	Subclonal
P-0009486-T01-IM5	Anaplastic thyroid carcinoma	Primary	RAC1	P29S	OncokB: Oncogenic	TRUE	7	6428992	C	T	Missense_Mutation	0.024070022	914	FALSE	0.1	Subclonal
P-0009486-T01-IM5	Anaplastic thyroid carcinoma	Primary	TERT	Promoter	OncokB: Oncogenic	FALSE	5	1295228	G	A	5Flank	0.200668896	299	FALSE	0.82	Clonal
P-0009486-T01-IM5	Anaplastic thyroid carcinoma	Primary	TGFBFR1	G374A	OncokB: Unknown	FALSE	9	101907461	G	C	Missense_Mutation	0.23151751	514	TRUE	0.95	Clonal
P-0009486-T01-IM5	Anaplastic thyroid carcinoma	Primary	JAK1	E54Q	OncokB: Unknown	FALSE	1	65349005	C	G	Missense_Mutation	0.084427767	533	FALSE	0.35	Subclonal
P-0009486-T01-IM5	Anaplastic thyroid carcinoma	Primary	BRCA1	L668I	OncokB: Unknown	FALSE	17	41245552	G	T	Missense_Mutation	0.108794798	1535	FALSE	0.45	Subclonal
P-0009486-T01-IM5	Anaplastic thyroid carcinoma	Primary	UZAF1	M59I	OncokB: Unknown	FALSE	21	44515599	C	T	Missense_Mutation	0.115060804	1069	FALSE	0.47	Subclonal
P-000320-T02-IM3	Anaplastic thyroid carcinoma	Primary	BRAF	V600E	OncokB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.032496307	677	FALSE	0.07	Subclonal
P-000320-T02-IM3	Anaplastic thyroid carcinoma	Primary	TP53	R280K	OncokB: Oncogenic	TRUE	17	7577099	C	T	Missense_Mutation	0.041322314	605	FALSE	0.09	Subclonal
P-000320-T02-IM3	Anaplastic thyroid carcinoma	Primary	NF2	X122_splice	OncokB: Likely Oncogenic	FALSE	22	30038190	G	C	Splice_Site	0.078236131	703	FALSE	0.17	Subclonal
P-0004015-T01-IM3	Anaplastic thyroid carcinoma	Primary	NRAS	Q61K	OncokB: Oncogenic	TRUE	1	115256530	G	T	Missense_Mutation	0.106770833	768	FALSE	0.38	Subclonal
P-0004015-T01-IM3	Anaplastic thyroid carcinoma	Primary	EIF1AX	G9R	OncokB: Likely Oncogenic	TRUE	23	20156732	C	G	Missense_Mutation	0.236746988	415	FALSE	1	Clonal
P-0004015-T01-IM3	Anaplastic thyroid carcinoma	Primary	RAC1	N111I	OncokB: Likely Oncogenic	TRUE	7	6438806	A	T	Missense_Mutation	0.169188446	727	FALSE	0.6	Subclonal
P-0004015-T01-IM3	Anaplastic thyroid carcinoma	Primary	TP53	H214_S215delnsQN	OncokB: Likely Oncogenic	TRUE	17	7578205	CTA	TTT	Missense_Mutation	0.117647059	782	TRUE	0.42	Subclonal
P-0004015-T01-IM3	Anaplastic thyroid carcinoma	Primary	KMT2D	T460S	OncokB: Unknown	FALSE	12	49424418	G	C	Missense_Mutation	0.084695394	673	FALSE	0.3	Subclonal
P-0004015-T01-IM3	Anaplastic thyroid carcinoma	Primary	TSHR	I588T	OncokB: Unknown	FALSE	14	81610105	T	C	Missense_Mutation	0.11966967	680	FALSE	0.43	Subclonal
P-000800-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	KEAP1	R320L	OncokB: Likely Oncogenic	TRUE	19	10602619	C	A	Missense_Mutation	0.497058824	340	TRUE	1	Clonal
P-000800-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	APC	Q1529*	OncokB: Likely Oncogenic	FALSE	5	112175876	C	T	Nonsense_Mutation	0.395522388	288	TRUE	0.7	Subclonal
P-000800-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	SMARCB1	L166Ffs*10	OncokB: Likely Oncogenic	FALSE	22	24143280	C		Frame_Shift_Del	0.215798615	519	FALSE	0.6	Subclonal
P-000800-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	PIK3R2	E338*	OncokB: Likely Oncogenic	FALSE	19	18273219	G	T	Nonsense_Mutation	0.402957486	541	FALSE	1	Clonal
P-000800-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	TBX3	A440Pfs*192	OncokB: Likely Oncogenic	FALSE	12	115112422	C		Frame_Shift_Del	0.312785388	438	FALSE	0.87	Clonal
P-000800-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	TP53	N310Tfs*35	OncokB: Likely Oncogenic	FALSE	17	7576922	C		Frame_Shift_Del	0.501362398	367	TRUE	1	Clonal
P-000800-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	ARID1A	S1195G	OncokB: Unknown	FALSE	1	27099346	A	G	Missense_Mutation	0.052238806	536	FALSE	0.15	Subclonal
P-000800-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	ALK	K1079N	OncokB: Unknown	FALSE	2	29446330	C	A	Missense_Mutation	0.112643678	435	FALSE	0.31	Subclonal
P-000800-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	TP63	M387I	OncokB: Unknown	FALSE	3	169587144	G	C	Missense_Mutation	0.272908404	1015	FALSE	1	Clonal
P-000800-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	PDGFRA	G286A	OncokB: Unknown	FALSE	4	55133553	G	C	Missense_Mutation	0.253298474	608	FALSE	0.7	Subclonal
P-000800-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	TET2	A1014T	OncokB: Unknown	FALSE	4	106158139	G	A	Missense_Mutation	0.087751371	547	FALSE	0.24	Subclonal
P-000800-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	MDC1	R1439K	OncokB: Unknown	FALSE	6	30672644	C	T	Missense_Mutation	0.361730013	783	FALSE	1	Clonal
P-000800-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	ARID1B	Q846R	OncokB: Unknown	FALSE	6	157454327	A	G	Missense_Mutation	0.056179775	267	FALSE	0.16	Subclonal
P-000800-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	NOTCH1	P547H	OncokB: Unknown	FALSE	9	139410462	G	T	Missense_Mutation	0.431279821	422	FALSE	1	Clonal
P-000800-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	DNMT1	E109Q	OncokB: Unknown	FALSE	19	10291149	C	G	Missense_Mutation	0.482191781	730	TRUE	1	Clonal
P-000800-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	SMARCB1	E210K	OncokB: Unknown	FALSE	22	24145609	G	A	Missense_Mutation	0.230769231	234	FALSE	0.64	Subclonal
P-000800-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	PTPRS	L848del	OncokB: Unknown	FALSE	19	5222960	AGA		In_Frame_Del	0.320754717	159	TRUE	0.89	Clonal
P-000800-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	KMT2D	E3181L	OncokB: Unknown	FALSE	12	49431997	TC	AA	Missense_Mutation	0.277027027	444	FALSE	0.77	Subclonal

P-0001006-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	PTEN	X267_splice	OncoKB: Likely Oncogenic	TRUE	10	8971777	G	T	Splice_Site	0.43046376	453	TRUE	1	Clonal
P-0001006-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	NF1	E318K*11	OncoKB: Likely Oncogenic	FALSE	17	2952702	AG		Frame_Shift_Del	0.454943132	1143	TRUE	1	Clonal
P-0001006-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.423529412	425	TRUE	1	Clonal
P-0001006-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	TP53	R65C*79	OncoKB: Likely Oncogenic	FALSE	17	7578461	GCCTCTGGCATTCT		Frame_Shift_Del	0.324149108	617	TRUE	0.76	Subclonal
P-0001006-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	EP300	R194S*138	OncoKB: Likely Oncogenic	FALSE	22	41573513	AG		Frame_Shift_Del	0.087740385	832	FALSE	0.21	Subclonal
P-0001006-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	PRDM1	Y376H	OncoKB: Unknown	FALSE	6	106553161	T	C	Missense_Mutation	0.232476636	856	FALSE	0.55	Subclonal
P-0001006-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	KMT2A	P65T	OncoKB: Unknown	FALSE	11	118343831	C	A	Missense_Mutation	0.065024222	1338	TRUE	0.15	Subclonal
P-0001006-T01-IM3	Anaplastic thyroid carcinoma	Metastasis	IRS2	G1235S	OncoKB: Unknown	FALSE	13	110434698	C	T	Missense_Mutation	0.311533888	841	TRUE	0.73	Subclonal
P-0003075-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.348765432	324	TRUE	0.95	Clonal
P-0003075-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.436363636	55	TRUE	1	Clonal
P-0003075-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	TP53	Q192*	OncoKB: Likely Oncogenic	FALSE	17	7578275	G	A	Nonsense_Mutation	0.406557377	305	TRUE	1	Clonal
P-0003075-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	ZFH3	R3429V*56	OncoKB: Likely Oncogenic	FALSE	16	72821890	G		Frame_Shift_Del	0.356215213	539	FALSE	0.97	Clonal
P-0003075-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	PIK3CA	E81K	OncoKB: Inconclusive	TRUE	3	178916854	G	A	Missense_Mutation	0.280958722	751	FALSE	0.77	Subclonal
P-0003075-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	MSH2	L360F	OncoKB: Unknown	FALSE	2	47656884	G	C	Missense_Mutation	0.25	304	TRUE	0.68	Subclonal
P-0003664-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	TP53	R175L	OncoKB: Likely Oncogenic	TRUE	17	7578406	C	A	Missense_Mutation	0.128968254	504	FALSE	0.68	Subclonal
P-0003664-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.253787879	264	FALSE	1	Clonal
P-0005022-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.120921305	521	FALSE	0.85	Clonal
P-0005022-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	TP53	E285K	OncoKB: Likely Oncogenic	TRUE	17	7577085	C	T	Missense_Mutation	0.145967742	1240	TRUE	1	Clonal
P-0005022-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	FBXW7	R224Q	OncoKB: Likely Oncogenic	TRUE	4	153268137	C	T	Missense_Mutation	0.101851852	540	FALSE	0.61	Subclonal
P-0005022-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.106060606	726	FALSE	0.74	Subclonal
P-0005022-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	ARID2	H277S*31	OncoKB: Likely Oncogenic	FALSE	12	46123697	C		Frame_Shift_Del	0.131504257	1057	FALSE	0.92	Clonal
P-0005022-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	EP300	G577*	OncoKB: Likely Oncogenic	FALSE	22	41533763	C	T	Nonsense_Mutation	0.181213633	1203	FALSE	1	Clonal
P-0005022-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	ARID2	R95A*116	OncoKB: Likely Oncogenic	FALSE	12	46125094	G		Frame_Shift_Ins	0.112443778	667	FALSE	0.79	Subclonal
P-0005022-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	ATM	D2725H	OncoKB: Unknown	FALSE	11	108206593	G	C	Missense_Mutation	0.15885947	491	FALSE	1	Clonal
P-0005022-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	FH	L453V	OncoKB: Unknown	FALSE	1	241663770	G	C	Missense_Mutation	0.097222222	360	FALSE	0.68	Subclonal
P-0005022-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	DNMT1	D733N	OncoKB: Unknown	FALSE	19	10260605	C	T	Missense_Mutation	0.131875414	1509	FALSE	0.93	Clonal
P-0005022-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	HGF	D171N	OncoKB: Unknown	FALSE	7	81381550	C	T	Missense_Mutation	0.147688833	562	FALSE	1	Clonal
P-0005022-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	TET1	E95Q	OncoKB: Unknown	FALSE	10	70323278	G	C	Missense_Mutation	0.162031439	827	FALSE	1	Clonal
P-0005022-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	GLI1	E572Q	OncoKB: Unknown	FALSE	12	57864237	G	C	Missense_Mutation	0.14571949	1647	FALSE	1	Clonal
P-0005838-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.263403263	429	FALSE	1	Clonal
P-0005838-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	PIK3CA	E545K	OncoKB: Oncogenic	TRUE	3	178936091	G	A	Missense_Mutation	0.125984252	254	FALSE	0.49	Subclonal
P-0005838-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.155963303	218	FALSE	0.61	Subclonal
P-0005838-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	ARID2	G1190*	OncoKB: Likely Oncogenic	FALSE	12	46245474	G	T	Nonsense_Mutation	0.090604027	298	FALSE	0.35	Subclonal
P-0005838-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	SETD2	G2292E	OncoKB: Unknown	FALSE	3	47098400	G	C	Missense_Mutation	0.097826087	480	FALSE	0.38	Subclonal
P-0008303-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.168141593	452	FALSE	0.86	Clonal
P-0008303-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	TP53	X224_splice	OncoKB: Likely Oncogenic	TRUE	17	7578176	C	T	Splice_Site	0.223890597	871	TRUE	0.92	Clonal
P-0008303-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.268292683	328	TRUE	1	Clonal
P-0008303-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	IRS1	M377H*20	OncoKB: Unknown	FALSE	2	227682326	G		Frame_Shift_Ins	0.163809524	525	FALSE	0.83	Clonal
P-0009506-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	NRAS	Q61R	OncoKB: Oncogenic	TRUE	1	115595529	T	C	Missense_Mutation	0.583758345	985	FALSE	1	Clonal
P-0009506-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	TP53	M248I	OncoKB: Likely Oncogenic	TRUE	17	7577543	C	A	Missense_Mutation	0.413675214	585	FALSE	1	Clonal
P-0009506-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.391414141	396	FALSE	1	Clonal
P-0011431-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	BRAF	V600E	OncoKB: Oncogenic	TRUE	7	140453136	A	T	Missense_Mutation	0.155844156	847	FALSE	0.78	Subclonal
P-0011431-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	PIK3CA	H1047R	OncoKB: Oncogenic	TRUE	3	178952085	A	G	Missense_Mutation	0.197384067	841	FALSE	0.98	Clonal
P-0011431-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	TERT	Promoter	OncoKB: Oncogenic	FALSE	5	1295228	G	A	5'Flank	0.142372881	295	FALSE	0.71	Subclonal
P-0011431-T01-IM5	Anaplastic thyroid carcinoma	Metastasis	NF2	Q453*	OncoKB: Likely Oncogenic	FALSE	22	30070841	C	T	Nonsense_Mutation	0.207890744	659	TRUE	1	Clonal
P-0000512-T01-IM3	Medullary thyroid carcinoma	Primary	RET	M918T	OncoKB: Oncogenic	TRUE	10	43617416	T	C	Missense_Mutation	0.190620272	661	FALSE	1	Clonal
P-0000700-T01-IM3	Medullary thyroid carcinoma	Primary	RET	M918T	OncoKB: Oncogenic	TRUE	10	43617416	T	C	Missense_Mutation	0.444444444	603	FALSE	1	Clonal
P-0000836-T01-IM3	Medullary thyroid carcinoma	Primary	RET	M918T	OncoKB: Oncogenic	TRUE	10	43617416	T	C	Missense_Mutation	0.225290326	981	FALSE	1	Clonal
P-0000934-T01-IM3	Medullary thyroid carcinoma	Primary	HRAS	Q61R	OncoKB: Likely Oncogenic	TRUE	11	533874	T	C	Missense_Mutation	0.29006772	886	FALSE	1	Clonal
P-0000934-T01-IM3	Medullary thyroid carcinoma	Primary	ARID1A	G372A*28	OncoKB: Likely Oncogenic	FALSE	1	27024001	G		Frame_Shift_Ins	0.264150943	106	TRUE	0.69	Subclonal
P-0000934-T01-IM3	Medullary thyroid carcinoma	Primary	BLM	K390N*2	OncoKB: Likely Oncogenic	FALSE	15	91303457	A		Frame_Shift_Del	0.236453202	609	FALSE	0.85	Clonal
P-0001234-T01-IM3	Medullary thyroid carcinoma	Primary	RET	E632_L633del	OncoKB: Likely Oncogenic	FALSE	10	43609942	GAGCTG		In_Frame_Del	0.173310225	577	FALSE	0.7	Subclonal
P-0002520-T01-IM3	Medullary thyroid carcinoma	Primary	TP53	R213*	OncoKB: Likely Oncogenic	FALSE	17	7578212	G	A	Nonsense_Mutation	0.022408964	357	FALSE	0.11	Subclonal
P-0003098-T01-IM5	Medullary thyroid carcinoma	Primary	RET	D631_L633delInsE	OncoKB: Likely Oncogenic	FALSE	10	43609941	CGAGCTG	A	In_Frame_Del	0.158024691	405	FALSE	0.78	Subclonal
P-0007172-T01-IM5	Medullary thyroid carcinoma	Primary	RET	M918T	OncoKB: Oncogenic	TRUE	10	43617416	T	C	Missense_Mutation	0.353982301	678	TRUE	1	Clonal
P-0007172-T01-IM5	Medullary thyroid carcinoma	Primary	GRIN2A	G56D	OncoKB: Unknown	FALSE	16	10274102	C	T	Missense_Mutation	0.112654321	648	FALSE	0.44	Subclonal

P-0007172-T01-IM5	Medullary thyroid carcinoma	Primary	ERCC4	N678S	OncoKB: Unknown	FALSE	16	14041486	A	G	Missense_Mutation	0.261428571	700	FALSE	1	Clonal
P-0007172-T01-IM5	Medullary thyroid carcinoma	Primary	SMARCA4	I707T	OncoKB: Unknown	FALSE	19	11118696	T	C	Missense_Mutation	0.066743383	869	FALSE	0.26	Subclonal
P-0010664-T01-IM5	Medullary thyroid carcinoma	Primary	RET	C63MR	OncoKB: Oncogenic	FALSE	10	43609948	T	C	Missense_Mutation	0.404069767	1032	FALSE	1	Clonal
P-0010664-T01-IM5	Medullary thyroid carcinoma	Primary	IDH1	R132L	OncoKB: Likely Oncogenic	TRUE	2	209113112	C	A	Missense_Mutation	0.353518622	611	FALSE	0.87	Clonal
P-0000662-T01-IM3	Medullary thyroid carcinoma	Metastasis	RET	C63MR	OncoKB: Oncogenic	FALSE	10	43609948	T	C	Missense_Mutation	0.501897533	1054	FALSE	1	Clonal
P-0003362-T01-IM5	Medullary thyroid carcinoma	Metastasis	EPHA3	R104*	OncoKB: Likely Oncogenic	FALSE	3	89259166	C	T	Nonsense_Mutation	0.143525741	641	FALSE	0.52	Subclonal
P-0008802-T01-IM5	Medullary thyroid carcinoma	Metastasis	RET	M918T	OncoKB: Oncogenic	TRUE	10	43617416	T	C	Missense_Mutation	0.364923373	1340	FALSE	1	Clonal
P-0008802-T01-IM5	Medullary thyroid carcinoma	Metastasis	KMT2D	D3061Qfs*7	OncoKB: Likely Oncogenic	FALSE	12	49431961	CA		Frame_Shift_Del	0.632688928	569	FALSE	1	Clonal
P-0009323-T01-IM5	Medullary thyroid carcinoma	Metastasis	RET	D631_L633delinsA	OncoKB: Likely Oncogenic	FALSE	10	43609940	ACGAGCT	C	In_Frame_Del	0.368770764	1204	TRUE	0.94	Clonal
P-0009323-T01-IM5	Medullary thyroid carcinoma	Metastasis	MGA	E41Q*	OncoKB: Likely Oncogenic	FALSE	15	41988436	G	T	Nonsense_Mutation	0.332599119	908	TRUE	0.85	Clonal
P-0010017-T01-IM5	Medullary thyroid carcinoma	Metastasis	RET	E632_L633del	OncoKB: Likely Oncogenic	FALSE	10	43609942	GAGCTG		In_Frame_Del	0.665312754	1231	TRUE	1	Clonal
P-0011507-T01-IM5	Medullary thyroid carcinoma	Metastasis	RET	M918T	OncoKB: Oncogenic	TRUE	10	43617416	T	C	Missense_Mutation	0.354497354	1134	FALSE	0.97	Clonal