	Entity	AAE	Type	Alteration (physical location)	dbSNP or rs	COSMIC Mutation ID	Previously reported	Number of FTC patients with the mutation (n)	Number of FTA patients with the mutation (n)
APC	FTC	p.Thr1493Thr	synonymous	chr5:112175770 G>A	rs41115	-	Familial colorectal cancer Familial adenomatous polyposis 1 Hereditary cancer-predisposing syndrome APC-Associated Polyposis Disorders	4	1
CSF1R	FTC FTA	-	3 prime UTR variant	chr5:149433596 T>G	rs2066934	-	Hereditary diffuse leukoencephalopathy with spheroids	6	5
ERBB4	FTC FTA	-	intron variant	chr2:212812097	rs839541	-	-	3	2
FGFR3	FTC FTA	p.Thr653Thr	synonymous	chr4:1807894 G>A	rs7688609	-	Craniosynostosis	7	7
FLT3	FTC FTA	c.1310-3T>C	splice region	chr13:28610183 A>G	rs2491231	-	-	18	10
FLT3	FTC	-	intron variant	chr13:28602292	rs75580865	-	-	5	0

				T>C					
HRAS	FTC FTA	p.His27His	synonymous	chr11:534242 A>G//T>C	rs12628	COSM249860	Costello syndrome Rasopathy	6	7
KDR	FTC FTA	-	intron variant	chr4:55980239	rs7692791	-	-	3	2
PDGFRA	FTC FTA	p.Val824Val	synonymous	chr4:55152040 C>T	rs2228230	COSM22413	Gastrointestinal stroma tumor; Idiopathic hypereosinophilic syndrome	3	2
PDGFRA	FTC FTA	p.Pro567Pro	synonymous	chr4:55141055 A>G	rs1873778	-	Gastrointestinal stroma tumor; Idiopathic hypereosinophilic syndrome	4	5
RET	FTC FTA	p.Leu769Leu	synonymous	chr10:43613843 G>T	rs1800861	-	Multiple endocrine neoplasia, type 2	11	10
RET	FTC FTA	p.Ser904Ser	synonymous	chr10:43615633 C>G	rs1800863	-	Pheochromocytoma; Renal adysplasia; Hereditary cancer-predisposing syndrome; Multiple endocrine neoplasia; Hirschsprung Disease, Dominant	5	3
TP53	FTC	p.Pro72Arg	missense	chr17:7579472 G>C	rs1042522	-	Li-Fraumeni syndrome; Hereditary cancer-predisposing syndrome	10	0