

Supplementary table 10 qRT-PCR of genes with alterations in MEN2A components

	TROVE2	EIF4G1	CYB5D1	DYNC1H1	GPR172B	GRAP	IFITM1	KRBA1	UBR4	SHC3	WDR36	A2M	CLSTN3	ANO2	ATRX	APEX2
M1	8.235	6.87														
M2	7.815	7.395														
M3	5.79	6.595														
M4	5.27^	9.43^														
FOLD CHANGE* 3		0.18														
P1	9	12.37^	10.39^	9.39^	11.84^	10.9^	3.66^	10.52^	11.87^	9.46	10.63	9.9^	9.16	13.21^	18.87	10.99^
P2	6.69^	8.31	6.9	5.93^	6.59^	6.97	3.1	6.77^	12.41^	5.83	4.65	10.39	9.82	8.045	20.33	6.12
P3	7.08	8.76^	7.32^	5.72	8^	8.07^	0.43^	7.25^	8.96^	6.21^	6.75	5.91	8.75	7.67	9.04^	7.71
P4	7.81	11.91	9.34	7.08	11.24	6.86	1.705	9.63	10.63	7.7	8.27^	11.08	11.46^	9.56	6.9	10.11
FOLD CHANGE*	2.12	0.73	0.7	0.68	11.7	0.25	1.94	1.22	1.3	1.7	0.18	0.18	0.21	0.03	0.23	0.07

value presented as delta CT (CT of target gene minus CT of internal control)

*fold change indicates samples with SNV/CNV vs those without

^ sample with SNV/CNV

M, medullary thyroid carcino.

P, pheochromocytoma