

Supplementary Table 1. Patient information

Patient ID	Admission number	Gender	Age	Diagnosis	Presentation	Test item	Years
RCC	50546	Male	51	Rathke's cleft cysts	Primary	WES	2023
ACP_P1	60545	Male	11	Adamantinomatous craniopharyngioma	Primary	WES	2024
ACP_P2	58930	Female	19	Adamantinomatous craniopharyngioma	Primary	WES	2023
ACP_P3	59466	Male	56	Adamantinomatous craniopharyngioma	Primary	WES	2023
ACP_P4	59520	Male	69	Adamantinomatous craniopharyngioma	Primary	WES	2023
ACP_P5	60032	Female	11	Adamantinomatous craniopharyngioma	Primary	WES	2023
ACP_R1	58467	Female	10	Adamantinomatous craniopharyngioma	Recurrent	WES	2023
ACP_R2	35243	Male	12	Adamantinomatous craniopharyngioma	Recurrent	WES	2023
ACP_R3	58812	Female	56	Adamantinomatous craniopharyngioma	Recurrent	WES	2023
ACP_R4	59333	Male	13	Adamantinomatous craniopharyngioma	Recurrent	WES	2023
ACP_R5	39374	Male	7	Adamantinomatous craniopharyngioma	Recurrent	WES	2023
ACP (1)/(2)	24936	Female	5/10	Adamantinomatous craniopharyngioma	Primary/Recurrent	IHC、IF	2016/2021
ACP (3)/(4)	32688	Female	2/5	Adamantinomatous craniopharyngioma	Primary/Recurrent	IHC、IF	2017/2020
ACP (5)/(6)	33155	Male	5/8	Adamantinomatous craniopharyngioma	Primary/Recurrent	IHC、IF	2017/2020