Table 1: A comparative profile of the most important features of the commonest used in research cell lines.

Profile	C6	U251	U87	GL261	9L/LacZ	CNS-1	F98	RG2
Invasiveness	moderate	low	low	moderate	high	moderate	high	high
Nuclear pleomorphism	+	+	+	+	+	+	+	+
High mitotic index	+	+	+	+	+	+	+	+
Foci of tumour necrosis	moderate	high	high	high	low	moderate	low	high
Angiogenic	high	high	high	high	high	moderate	high	moderate
Immunogenic	+	+	+	-	+	-	-	-
GFAP	-	+	-	+	-	+	+	-
S100	+	+	-	+	+	+	-	-
Vimentin	-	+	+	variable	N/A	+	+	+
Syngeneic model existance	+	-	-	+	+	+	+	+
p14^{ARF} mutation	-	+	+	+	-	N/A	N/A	N/A
p16 mutation	+	+	+	+	-	N/A	+	+
PTEN mutation	-	+	+	+	-	N/A	N/A	N/A
p53 mutation	-	+	-	+	+	N/A	-	-
kRAS mutation	N/A	+	+	+	N/A	N/A	+	+
EGFR overexpression	+	+	-	+	+	N/A	+	-

GFAP: glial fibrillary acidic protein, PTEN: phosphatase and tensin homolog, EGFR: epidermal growth factor receptor, +: presence, -: absence, N/A: not available.