

Glioblastoma-Associated Genes and Proteins with PDB Structures

Gene Symbol	Protein Name	Cancer Type	PDB structure available (Yes/ no)	PDB ID
PTPRN	protein-tyrosine phosphatase (IA-2)	Glioblastoma	Yes	pdb_00002qt7
NEUROD1	Neuronal Differentiation 1	Glioblastoma	Yes	pdb_00002ql2
MPST	Mercaptopyruvate sulfurtransferase	Glioblastoma	Yes	pdb_00002wlr
COMMD2	COMM domain containing 2	Glioblastoma	Yes	pdb_00008f2r
PREB	Human Prolactin Regulatory Element-binding protein	Glioblastoma	Yes	pdb_00005tf2
CTSL	Cathepsin L	Glioblastoma	Yes	pdb_00008gx2
H2AC25	H2A clustered histone 25	Glioblastoma	Yes	pdb_00009ecp
UPF3A	UPF3A regulator of nonsense mediated mRNA decay	Glioblastoma	Yes	pdb_00007qg6
ABCG2	ATP binding cassette subfamily G member 2 (Junior blood group)	Glioblastoma	Yes	pdb_00006vxi
NMB	Neuromedin B	Glioblastoma	Yes	pdb_00001ajv
APBB3	Amyloid beta precursor protein binding family B member 3	Glioblastoma	Yes	pdb_00002ysc
BIN3	Bridging integrator 3	Glioblastoma	Yes	pdb_0000618u

HI-0	H1.0 linker histone	Glioblastoma	Yes	pdb_00001zbf
COG2	Component of oligomeric golgi complex 2	Glioblastoma	Yes	pdb_00002jqj
GABRA1	Gamma-aminobutyric acid type A receptor subunit alpha 1	Glioblastoma	Yes	pdb_00005osa
SYNGR1	Synaptogyrin 1	Glioblastoma	Yes	pdb_00008a6m
RNF7	Ring Finger Protein 7	Glioblastoma	Yes	pdb_00009oma
EN2	BAZ2B bromodomain in complex with 1-methylpyridinone compound 2	Glioblastoma	Yes	pdb_00006fh7
SH3GL3	SH3 domain containing GRB2 like 3, endophilin A3	Glioblastoma	Yes	pdb_00002ew3
SV2B	Synaptic vesicle glycoprotein 2B	Glioblastoma	Yes	pdb_00009f25

References / Databases Used:

1. RCSB Protein Data Bank (PDB).
<https://www.rcsb.org>
Used to determine the availability of experimentally resolved 3D protein structures and PDB IDs.
2. The Human Protein Atlas.
<https://www.proteinatlas.org>
Used to identify protein expression and cancer relevance in glioblastoma.