

TGFB1

Transforming growth factor, beta-induced, 68kDa, also known as TGFB1 (initially called BIGH3, BIG-H3), is a protein which in humans is encoded by the TGFB1 gene, locus 5q31.

RNAseq expression analysis identified a panel of genes involved in the regulation cell invasion/migration and a three-gene signature, **TGFB1**, **IGFBP3**, **CHI3L1**, that are overexpressed in quiescent cells and correlates with poor **glioblastoma** (GBM) patient survival ¹⁾.

¹⁾

Atkins RJ, Styli SS, Kurganovs N, Mangiola S, Nowell CJ, Ware TM, Corcoran NM, Brown DV, Kaye AH, Morokoff A, Luwor RB, Hovens CM, Mantamadiotis T. Cell quiescence correlates with enhanced glioblastoma cell invasion and cytotoxic resistance. Exp Cell Res. 2018 Dec 15. pii: S0014-4827(18)31169-8. doi: 10.1016/j.yexcr.2018.12.010. [Epub ahead of print] PubMed PMID: 30562483.

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