

Description of Additional Supplementary Files

Supplementary Data 1

Description: Clinicopathological and cell type composition estimates through MethyCIBERSORT associated with the serum specimens included in the study.

Supplementary Data 2

Description: Supplementary data related to meningioma diagnostic-related Figure 1 and Supplementary Figure S3.

Supplementary Data 3

Description: Supplementary data related to meningioma prognostic-related Figure 2 and Supplementary Figure S5.

Supplementary Data 4

Description: Supplementary data related to in-silico validation depicted in Figure 4.

Supplementary Data 5

Description: Supplementary information regarding secondary profiling methods (MethyIPCR, Whole Genome Bisulfite Sequencing/WGBS).