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Supplementary Table and Figures

Institutional Diagnosis

Malignant glioma, unclassified	3	5.0
Anaplastic astrocytoma	39	65.0
Other eligible diagnoses	3	5.0
Ineligible diagnosis (Astrocytoma, grade 1)	1	1.7
Glioblastoma multiforme	14	23.3
Total	60	100.0

Central Review

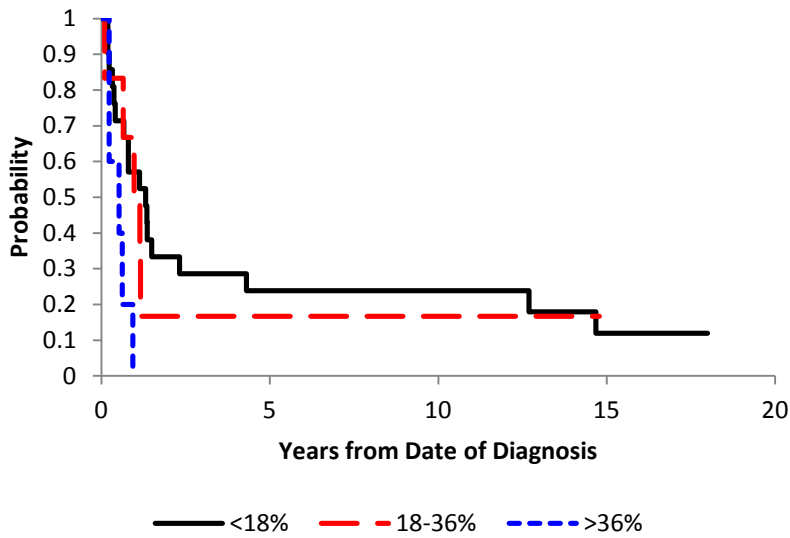|		
Anaplastic astrocytoma	22	36.7
Discordant (JPA, grade 1)	6	10.0
Discordant (Astrocytoma, grade 2)	13	21.7
Discordant (Low-grade glioma, no consensus)	1	1.7
Discordant (Desmoplastic glioma, grade 2)	1	1.7
Glioblastoma multiforme	12	20.0
Other (Anaplastic mixed glioma, grade 3)	2	3.3
Other (Anaplastic oligodendroglioma, grade 3)	2	3.3
Ineligible diagnosis	1	1.7
Total	60	100.0

Supplementary Table I. Tumor Pathology: Institutional Diagnosis versus Central Review

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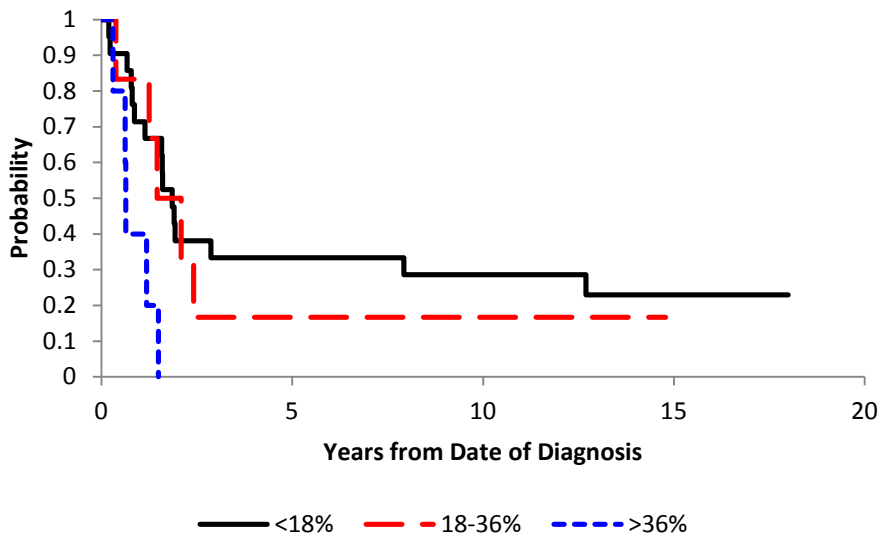
Supplementary Table and Figures

A
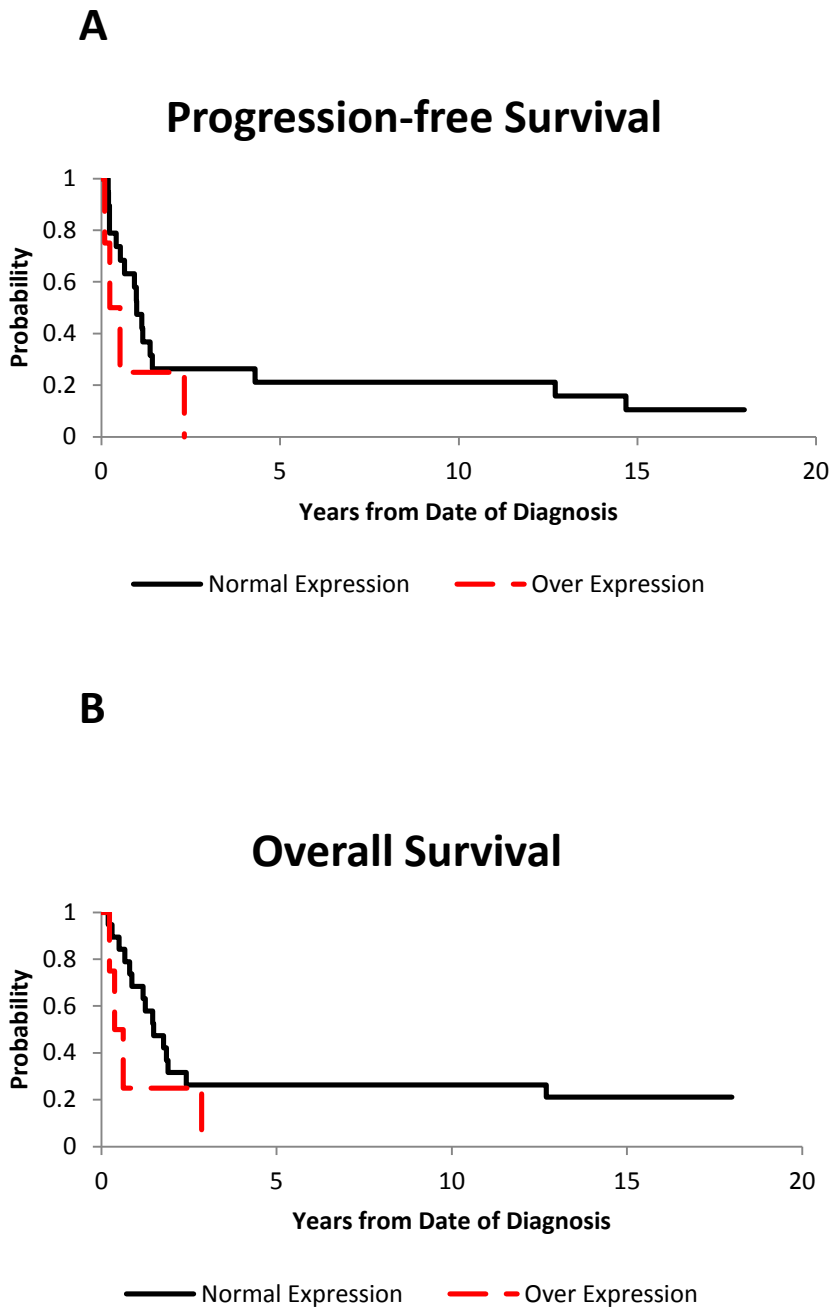
Progression-free Survival

B

Overall Survival

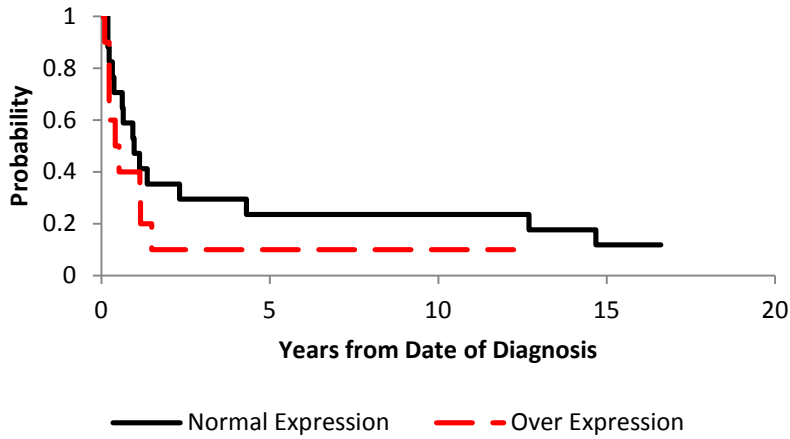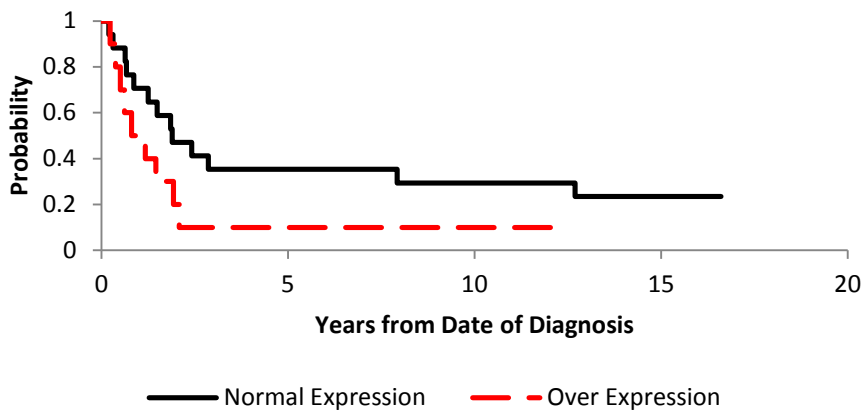Supplementary Table and Figures

Supplementary Figure 1

Proliferation indices (MIB-1 scores) and survival curves for (A) PFS (p=0.031) and (B) OS (p=0.012). MIB scores were stratified into three groups: 0 (0-18%, solid line), 1 (18-36%, dashed line) and 2 (> 36%, dotted line).

Supplementary Table and Figures

A

Progression-free Survival

B

Overall Survival

Supplementary Figure 2

MGMT expression status and survival curves for (A) PFS (p=0.19) and (B) OS (p=0.13). MGMT expression was stratified into two groups: 0 (no over-expression or normal, MGMT score of 0, 1 or 2, black line) and 1 (over-expression, MGMT score of 3 or 4, dotted line).

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Supplementary Table and Figures

A

Progression-free Survival

Normal Expression   Over Expression

B

Overall Survival

Normal Expression   Over Expression

Supplementary Figure 3

p53 score and survival curves for (A) PFS (p=0.27) and (B) OS (p=0.099). p53 scores were stratified into two groups: 0 (no over-expression or normal, p53 score of 0, 1 or 2, black line) or 1 (over-expression, p53 score of 3 or 4, dotted line).