

Patient tumours



Gene set enrichment analysis				
Patient tumour	GBM subtype	NES	FDR q-value	FWER p-Value
BAH1	PN	2.165	0.000	0.000
FPW1	MES	3.062	0.000	0.000
HW1	CL	1.501	0.036	0.067
JK2	PN	2.901	0.000	0.000
MMK1	PN	2.581	0.000	0.000
MN1	MES/CL	2.199/1.482	0.000/0.017	0.000/0.026
PB1	CL/PN	2.810/2.053	0.000/0.000	0.000/0.001
RK1	MES	2.658	0.000	0.000
RN1	CL	1.912	0.000	0.001
SB2b	CL	3.119	0.000	0.000
SJH1	MES	1.384	0.054	0.257
WK1	MES	1.907	0.005	0.002

Abbreviations: NES, normalised enrichment score; FDR, false discover rate; FWER, family-wise error rate; CL, Classical; MES, Mesenchymal; PN, Proneural.

Primary GBM cell lines



Gene set enrichment analysis				
Primary GBM cell line	GBM subtype	NES	FDR q-value	FWER p-Value
BAH1	CL	1.975	0.002	0.001
FPW1	MES/CL	1.749/1.822	0.001/0.003	0.005/0.003
HW1	MES	1.389	0.133	0.265
JK2	MES	1.563	0.024	0.039
MMK1	MES	1.851	0.005	0.005
MN1	MES	1.516	0.044	0.116
PB1	PN/CL	2.876/1.959	0.000/0.000	0.000/0.001
RK1	MES	1.943	0.003	0.002
RN1	MES	2.690	0.000	0.000
SB2b	MES/CL	2.087/1.929	0.000/0.001	0.001/0.003
SJH1	PN	2.479	0.000	0.000
WK1	CL	2.383	0.000	0.000

Abbreviations: NES, normalised enrichment score; FDR, false discover rate; FWER, family-wise error rate; CL, Classical; MES, Mesenchymal; PN, Proneural.

Supplementary Figure 3 (cont)

Xenografts



Gene set enrichment analysis				
Xenograft	GBM subtype	NES	FDR q-value	FWER p-Value
BAH1	PN	2.363	0.000	0.000
FPW1	MES	1.506	0.038	0.107
HW1	CL	1.541	0.075	0.092
JK2	PN	2.761	0.000	0.000
MMK1	PN/MES	1.312/1.508	0.112/0.076	0.386/0.081
MN1	MES	2.386	0.000	0.001
PB1	CL	2.205	0.000	0.000
RK1	CL	1.502	0.049	0.037
RN1	PN	1.773	0.003	0.004
SB2b	CL	1.369	0.110	0.249
SJH1	PN	2.969	0.000	0.000
WK1	CL	2.316	0.000	0.000

Abbreviations: NES, normalised enrichment score; FDR, false discover rate; FWER, family-wise error rate;
CL, Classical; MES, Mesenchymal; PN, Proneural.

Gene set enrichment subtype analysis - Summary

Name	Patient tumour	Primary GBM cell line	Xenograft	Designation
BAH1	PN	CL	PN	PN
FPW1	MES	MES/CL	MES	MES
HW1	CL	MES	CL	CL
JK2	PN	MES	PN	PN
MMK1	PN	MES	PN/MES	PN
MN1	MES/CL	MES	MES	MES
PB1	CL/PN	PN/CL	CL	CL
RK11	MES	MES	CL	MES
RN1	CL	MES	PN	MES
SB2b	CL	MES/CL	CL	CL
SJH1	MES	PN	PN	PN
WK1	MES	CL	CL	CL

Abbreviations: CL, Classical; MES, Mesenchymal; PN, Proneural.