

Supplementary Table 7 Mutual exclusivity and co-occurrence of genetic alterations in NF1-glioma.

Supplementary Table 7b Co-occurrence of genetic alterations in NF1-glioma.

Gene A	Gene B	p-value
ATRX	TEX15	3.21E-02
ATRX	PDE1A	3.21E-02
ATRX	CDKN2A (CN	2.74E-02
MCM5	TPRX1	1.75E-03
ARHGAP31	RAI1	5.84E-04
ARHGAP31	BCL9	5.84E-04
DSCAM	LRRIQ1	5.84E-04
DSCAM	MYH2	3.51E-03
LRRIQ1	MYH2	3.51E-03
MYH2	DOCK3	3.51E-03
RAI1	BCL9	5.84E-04
FSIP2	PIK3CA	3.51E-03
FSIP2	KIF1C (CN ga	3.51E-03
TCHH	IL15 (CN gair	8.80E-03
CACNA2D1	PHF24	5.84E-04
DGKQ	MANEA	5.41E-05
DGKQ	SIMC1	5.41E-05
DGKQ	MYLK	1.10E-05
DGKQ	OXA1L	1.10E-05
DGKQ	SHPRH	1.10E-05
DGKQ	SSX5	5.84E-03
DGKQ	ZNF366	1.10E-05
DGKQ	PCDH11X	5.84E-03
DGKQ	IL15 (CN gair	6.83E-03
MANEA	SIMC1	5.41E-05
MANEA	MYLK	1.10E-05
MANEA	OXA1L	1.10E-05
MANEA	SHPRH	1.10E-05
MANEA	SSX5	5.84E-03
MANEA	ZNF366	1.10E-05
MANEA	PCDH11X	5.84E-03
MANEA	IL15 (CN gair	6.83E-03
SIMC1	MYLK	1.10E-05
SIMC1	OXA1L	1.10E-05
SIMC1	SHPRH	1.10E-05
SIMC1	SSX5	5.84E-03
SIMC1	ZNF366	1.10E-05
SIMC1	PCDH11X	5.84E-03
SIMC1	IL15 (CN gair	6.83E-03
MYLK	OXA1L	2.20E-06
MYLK	SHPRH	2.20E-06
MYLK	SSX5	3.51E-03
MYLK	ZNF366	2.20E-06
MYLK	PCDH11X	3.51E-03
MYLK	IL15 (CN gair	1.57E-03
OXA1L	SHPRH	2.20E-06
OXA1L	SSX5	3.51E-03
OXA1L	ZNF366	2.20E-06
OXA1L	PCDH11X	3.51E-03
OXA1L	IL15 (CN gair	1.57E-03
SHPRH	SSX5	3.51E-03
SHPRH	ZNF366	2.20E-06
SHPRH	PCDH11X	3.51E-03
SHPRH	IL15 (CN gair	1.57E-03
SSX5	ZNF366	3.51E-03
ZNF366	PCDH11X	3.51E-03
ZNF366	IL15 (CN gair	1.57E-03
TP53	CDKN2A (CN	3.83E-02
TERT (CN gai	IL15 (CN gair	6.41E-05
TERT (CN gai	FGF1 (CN ga	7.51E-15
IL15 (CN gair	FGF1 (CN ga	3.20E-05