

Supplementary Table S4 | Association between RDCs and MDSs

Recurrent DSB Clusters genes in mouse NSPCs	Human homolog gene	Association with MDSs
BAI3	ADGRB3	Overlapped
PARD3B	PARD3B	Overlapped
GRIK2	GRIK2	Overlapped
GPC6	GPC6	Overlapped
CTNND2	CTNND2	Overlapped
CSMD3	CSMD3	Overlapped
RBFOX1	RBFOX1	Overlapped
FGF12	FGF12	Overlapped
LSAMP	LSAMP	Overlapped
DCC	DCC	Overlapped
PRKG1	PRKG1	Overlapped
MAGI2	MAGI2	Overlapped
SDK1	SDK1	Overlapped
PTN	PTN	Overlapped
CSMD1	CSMD1	Overlapped
CDH13	CDH13	Overlapped
NTM	NTM	Overlapped
WWOX	WWOX	Overlapped
DGKB	DGKB	Overlapped
MDGA2	MDGA2	Overlapped
NRXN3	NRXN3	Overlapped
OXR1	OXR1	Proximal (less than 1 Mb)
NPAS3	NPAS3	Proximal (less than 1 Mb)
CADM2	CADM2	Distant (more than 3 Mb)

NRXN1	NRXN1	Distant (more than 3 Mb)
NFIA	NFIA	Distant (more than 3 Mb)
CTNNA2	CTNNA2	Distant (more than 3 Mb)