

Supplementary Table 1. The gene list of DRGs.

Gene symbol	Description
AAAS	Aladin WD Repeat Nucleoporin
ABI2	Abl Interactor 2
ACTB	Actin Beta
ACTN4	Actinin Alpha 4
BOP1	Block Of Proliferation 1
BRK1	BRICK1 Subunit Of SCAR/WAVE Actin Nucleating Complex
CAPZB	Capping Actin Protein Of Muscle Z-Line Subunit Beta
CD2AP	CD2 Associated Protein
CHD4	Chromodomain Helicase DNA Binding Protein 4
CYFIP1	Cytoplasmic FMR1 Interacting Protein 1
DBN1	Drebrin 1
DHX9	DExH-Box Helicase 9
DSTN	Destrin
FLNA	Filamin A
FLNB	Filamin B
GYS1	Glycogen Synthase 1
HNRNPA3	Heterogeneous Nuclear Ribonucleoprotein A3
HNRNPH1	Heterogeneous Nuclear Ribonucleoprotein H1
HNRNPM	Heterogeneous Nuclear Ribonucleoprotein M
HNRNPU	Heterogeneous Nuclear Ribonucleoprotein U
INF2	Inverted Formin 2
IPO4	Importin 4
IPO7	Importin 7
IQGAP1	IQ Motif Containing GTPase Activating Protein 1
LRPPRC	Leucine Rich Pentatricopeptide Repeat Containing
MYH10	Myosin Heavy Chain 10
MYH9	Myosin Heavy Chain 9
MYL6	Myosin Light Chain 6
NCKAP1	NCK Associated Protein 1
NCKAP1L	NCK Associated Protein 1 Like
NDUFA11	NADH:Ubiquinone Oxidoreductase Subunit A11
NDUFS1	NADH:Ubiquinone Oxidoreductase Core Subunit S1
NSUN2	NOP2/Sun RNA Methyltransferase 2
NUBPL	Nucleotide Binding Protein Like
PCBP2	Poly(RC) Binding Protein 2
PDLIM1	PDZ And LIM Domain Protein 1
PML	Promyelocytic Leukemia
RPN1	Ribophorin I
RRP1	Ribosomal RNA Processing 1
SLC2A1	Solute Carrier Family 2 Member 1
SLC3A2	Solute Carrier Family 3 Member 2

SLC7A11	Solute Carrier Family 7 Member 11
STRAP	Serine/Threonine Kinase Receptor Associated Protein
TARDBP	TAR DNA Binding Protein
TLN1	Talin 1
WASF2	Wiskott-Aldrich Syndrome Protein Family Member 2
