	Protein repair	Protein repair
HSPA5		Metabolism of vitamins and cofactors
	NCAM signaling for neurite out-growth	Zygotic genome activation (ZGA) Transcriptional regulation of granulopoiesis
TTN	MDK and PTN in ALK signaling	AMPK inhibits chREBP transcriptional activation activity Activation of HOX genes during differentiation
MUC16	ChREBP activates metabolic gene expression	ChREBP activates metabolic gene expression Platelet homeostasis
RYR2	Common Pathway of Fibrin Clot Formation	Chromatin modifications during the maternal to zygotic transition (MZT) Metabolism of nitric oxide: NOS3 activation and regulation
SYNE1	Protein repair	Tristetraprolin (TTP, ZFP36) binds and destabilizes mRNA
OCLN	Heme signaling	Class I MHC mediated antigen processing & presentation
SMN1	Synthesis of dolichyl-phosphate mannose	Specification of the neural plate border
GTF2H2	Estrogen-dependent gene expression	Class I peroxisomal membrane protein import Butyrate Response Factor 1 (BRF1) binds and destabilizes mRNA
CDC25A	SDK interactions	Threonine catabolism Collagen formation
TALDO1	Synthesis of dolichyl-phosphate mannose	POU5F1 (OCT4), SOX2, NANOG activate genes related to proliferation
CA12	Class I peroxisomal membrane protein import	Formation of the posterior neural plate
KRT78	AKT phosphorylates targets in the cytosol	ChREBP activates metabolic gene expression Activation of HOX genes during differentiation
HIC1	Synthesis of IP2, IP, and Ins in the cytosol	Lysosomal oligosaccharide catabolism mRNA Editing
AKR1C1	Inflammasomes	Hedgehog 'off' state LGI-ADAM interactions

TranscriptomeCNVSNV