

DeJong et al. Supplemental Table 3. Stage-persistent Differential Exon Usage, Stage 10 and 15

Gene	Condition UP	Retained intron as visualized by DEXseq gene modeling	Increased levels of intron detected as visualized by DEXseq gene modeling	Maternally deposited?	> 2 Fold increase?	# of genes
actr3	MO		x	yes	yes	
aldoa	MO		x	yes	yes	
alms1	MO		x	yes	yes	
arhgap12	MO		x	yes	yes	
arrdc2	MO	x		yes	yes	
asxl1	MO		x	yes	yes	
bmp7.1	MO	x		yes	yes	
c11orf2	MO	x		yes	yes	
c16orf72	MO		x	yes	yes	
c1orf112	MO	x		yes	yes	
caprin1	MO		x	yes	yes	
cdc6	MO		x	yes	yes	
cdk12	MO		x	yes	yes	
cecr2	MO		x	yes	yes	
cepl35	MO		x	yes	yes	
chmp5	MO	x		yes	yes	
clp1	MO	x		yes	yes	
ctdsp2	MO		x	yes	yes	
dennd2a	MO	x		yes	yes	
dgka	MO	x		yes	yes	
dido1	MO	x		yes	yes	
dnajc5g	MO		x	yes	yes	
dus4l	MO		x	yes	yes	
eed	MO		x	yes	yes	
EIF2S2	MO		x	yes	yes	
ets1	MO		x	yes	yes	
ets2	MO		x	yes	yes	
exosc2	MO		x	yes	yes	
extl3	MO		x	yes	yes	
farsa	MO		x	yes	yes	
fgfr4	MO	x		yes	yes	
fmnl3	MO		x	yes	yes	
gps2	MO	x		yes	yes	
gtf2h4	MO		x	yes	yes	
herpud1	MO	x		yes	yes	
hexdc	MO	x		yes	yes	
hras	MO		x	yes	yes	
ifrd2	MO		x	yes	yes	
ing4	MO	x		yes	yes	
ints6	MO		x	yes	yes	
irf6.2	MO		x	yes	yes	
jag1	MO		x	yes	yes	
kiaa0664	MO	x		yes	yes	
klf2	MO		x	yes	yes	
khdhc3	MO		x	yes	yes	
lemd3	MO		x	yes	yes	
frig3	MO		x	yes	yes	
mcm3ap	MO		x	yes	yes	
myd88	MO		x	yes	yes	
myo1e.2	MO		x	yes	yes	
neo1	MO	x		yes	yes	
nme2	MO		x	yes	yes	
npdc1.1	MO		x	yes	yes	
nxf1	MO		x	yes	yes	
pan3	MO	x		yes	yes	
parp1	MO		x	yes	yes	
pask	MO		x	yes	yes	
paxip1	MO		x	yes	yes	
pdgfa	MO	x		yes	yes	
per2	MO	x		yes	yes	
per3	MO		x	yes	yes	
pggt1b	MO		x	yes	yes	
phf8	MO		x	yes	yes	
pip5k1a	MO		x	yes	yes	
plekhg5	MO		x	yes	yes	
poldip3	MO		x	yes	yes	
polr2c	MO		x	yes	yes	
prcp	MO		x	yes	yes	
prpf39.1	MO		x	yes	yes	
prpf6	MO		x	yes	yes	
prr5l	MO		x	yes	yes	
puf60	MO		x	yes	yes	
pus7	MO		x	yes	yes	
pygm	MO		x	yes	yes	
rab15	MO	x		yes	yes	
rpf2:E002	MO		x	yes	yes	
rpl28	MO		x	yes	yes	
senp7	MO	x		yes	yes	
smpd1	MO		x	yes	yes	
spint2	MO		x	yes	yes	
srsf4	MO	x		yes	yes	
stam2	MO		x	yes	yes	
stoml2	MO		x	yes	yes	
tada1	MO	x		yes	yes	
tfap4	MO		x	yes	yes	
topbp1	MO		x	yes	yes	
trpc4ap	MO		x	yes	yes	
ubap2	MO		x	yes	yes	
xnf7	MO		x	yes	yes	
xpo5	MO		x	yes	yes	
zdhhc5	MO	x		yes	yes	
znrf3	MO		x	yes	yes	92
Fam122b	MO	x		no	yes	
frem3	MO		x	no	yes	
gpr110	MO	x		no	yes	
inx2	MO	x		no	yes	
isl1	MO	x		no	yes	
pdcd7	MO		x	no	yes	
phox2a	MO		x	no	yes	
slc5a8	MO	x		no	yes	8

Gene Condition UP Retained intron as visualized by DEXseq DEU model Increased levels of intron detected as visualized by DEXseq DEU model Maternally deposited? > 2 Fold increase? # of genes

DeJong et al. Supplemental Table 3. Stage-persistent Differential Exon Usage, Stage 10 and 15