Reads

**Cmpk1 (NM_025647)** X = 4.5; Truncation = Y

\[ CGUUGAUUGCU | CACCUCAGUAA \]

+ H

- H

---

**Tmem66 (NM_026432)** X = 3.5; Truncation = Y

\[ CCUUUUAUGGU | AGCGCCAUGGC \]

+ H

- H

---

**Ppib (NM_011149)** X = 3.4; Truncation = Y

\[ CGGUGGAUGCU | CGCAAUAUGAA \]

+ H

- H

---

**Nrd1 (NM_146150)** X = 2.4; Truncation = N

\[ UGUGAAUUGCU | CUGACCAUGGC \]

+ H

- H

---

**Spast (NM_001162870)** X = 2; Truncation = Y

\[ CUGUGAAUGAG | GCCCUCAUGGC \]

+ H

- H

---

**Zfp945 (NM_001110254)** X = 1.7; Truncation = Y

\[ GGUCGUAUGGU | CCAUCCAUGGA \]

+ H

- H

---

**Tle4 (NM_011600)** X = 1.7; Truncation = Y

\[ ACUUCUAUGGA | GACAGUAUGGC \]

+ H

- H

---

**Zlp369 (NM_178364)** X = 1.7; Truncation = Y

\[ ACUUCUAUGGA | GACAGUAUGGC \]

+ H

- H

---

**2310003F16Rik (NM_026318)** X = 1.6; Truncation = Y

\[ CAGCCUAUGCG | AUCGAAAUGGC \]

+ H

- H

---

**Klf5 (NM_009769)** X = 1.1; Truncation = Y

\[ CCGUCCAUGCC | CUGACCAUGAG \]

+ H

- H

---

**Acyp2 (NM_029344)** X = 0.98; Truncation = Y

\[ CAGCUAAUGCU | GCCGCCAUGAC \]

+ H

- H

---

**Npepps (NM_008942)** X = 0.97; Truncation = Y

\[ CGGUGAAUGU | GCCGCGAUGCC \]

+ H

- H

---

**Ppme1 (NM_028292)** X = 0.91; Truncation = N

\[ CCUUUGAUGUC | AAAAGCAUGCA \]

+ H

- H

---

**Dmrt1 (NM_015826)** X = 0.85; Truncation = Y

\[ AGCUCCAUGCC | GGGGCGAUGGC \]

+ H

- H

---

**Thg1l (NM_001080969)** X = 0.8; Truncation = Y

\[ UGGCGAAUGUG | GUGGCCAUGGC \]

+ H

- H

---

**Vcl (NM_009502)** X = 0.79; Truncation = N

\[ GCCGCGAUGCC | GUGAUUAUGCA \]

+ H

- H
Polr2k (NM_001039368) X = 0.79; Truncation = N

Lig1 (NM_001083188) X = 0.77; Truncation = N

Nrf1 (NM_001164229) X = 0.76; Truncation = N

Nif3l1 (NM_022988) X = 0.73; Truncation = N

Drap1 (NM_024176) X = 0.71; Truncation = Y

Exosc6 (NM_028274) X = 0.7; Truncation = N

Cdc37l1 (NM_025950) X = 0.67; Truncation = N

Idh1 (NM_001111320) X = 0.65; Truncation = N

Polr2e (NM_025554) X = 0.64; Truncation = N

Mps6 (NM_080456) X = 0.63; Truncation = N

Slc5f2 (NM_028060) X = 0.63; Truncation = N

Insig1 (NM_153526) X = 0.62; Truncation = Y

Slc1a4 (NM_018861) X = 0.61; Truncation = N

Fam32a (NM_026455) X = 0.61; Truncation = Y

Tpm1 (NM_001164248) X = 0.61; Truncation = Y

Rexo2 (NM_024233) X = 0.6; Truncation = Y

Epha2 (NM_010139) X = 0.59; Truncation = N

Ywhaq (NM_011739) X = 0.59; Truncation = N

Ncl (NM_010880) X = 0.59; Truncation = N

Mrps6 (NM_080456) X = 0.63; Truncation = N

Slc5f2 (NM_028060) X = 0.63; Truncation = N

Insig1 (NM_153526) X = 0.62; Truncation = Y

Slc1a4 (NM_018861) X = 0.61; Truncation = N

Fam32a (NM_026455) X = 0.61; Truncation = Y

Tpm1 (NM_001164248) X = 0.61; Truncation = Y

Rexo2 (NM_024233) X = 0.6; Truncation = Y

Epha2 (NM_010139) X = 0.59; Truncation = N

Ywhaq (NM_011739) X = 0.59; Truncation = N

Ncl (NM_010880) X = 0.59; Truncation = N
Reads

$\text{Ddx56 (NM\_026538)}$ $X = 0.58; \text{Truncation = N}$

\[
\begin{array}{c}
\text{CAGGCCAUGGA} \mid \text{GAACACAUGGG} \\
\end{array}
\]

$\text{Cab39 (NM\_133781)}$ $X = 0.58; \text{Truncation = N}$

\[
\begin{array}{c}
\text{GCGUCAUAGCC} \mid \text{GAGGCAUGGC} \\
\end{array}
\]

$\text{Smarc4 (NM\_001174078)}$ $X = 0.58; \text{Truncation = N}$

\[
\begin{array}{c}
\text{GUAAAGAUGUC} \mid \text{GGUGCAAUGCU} \\
\end{array}
\]

$\text{Aldh9a1 (NM\_019993)}$ $X = 0.58; \text{Truncation = Y}$

\[
\begin{array}{c}
\text{UAGCAGAUGAU} \mid \text{GCCGCCAUGAG} \\
\end{array}
\]

$\text{Ints1 (NM\_026748)}$ $X = 0.58; \text{Truncation = Y}$

\[
\begin{array}{c}
\text{CCAGUAAUGCC} \mid \text{GACAUAAUGGA} \\
\end{array}
\]

$\text{Anln (NM\_028390)}$ $X = 0.57; \text{Truncation = N}$

\[
\begin{array}{c}
\text{GGGGCGAUGGA} \mid \text{AGAAAAAUGGC} \\
\end{array}
\]

$\text{Ddx50 (NM\_053183)}$ $X = 0.56; \text{Truncation = Y}$

\[
\begin{array}{c}
\text{CCAGUAAUGCC} \mid \text{GACAUAAUGGA} \\
\end{array}
\]

$\text{Rtcd1 (NM\_025517)}$ $X = 0.56; \text{Truncation = N}$

\[
\begin{array}{c}
\text{GCCGCCAUGGA} \mid \text{CUUGUGAUGUC} \\
\end{array}
\]

$\text{Mycn (NM\_008709)}$ $X = 0.55; \text{Truncation = Y}$

\[
\begin{array}{c}
\text{GAACCCAUGCC} \mid \text{UCCACCAUGCC} \\
\end{array}
\]

$\text{Rbck1 (NM\_001083921)}$ $X = 0.55; \text{Truncation = N}$

\[
\begin{array}{c}
\text{GGCCAGAUGGA} \mid \text{GAGGAGAUGGC} \\
\end{array}
\]

$\text{Ddx6 (NM\_001110826)}$ $X = 0.55; \text{Truncation = N}$

\[
\begin{array}{c}
\text{CAAAGCAUGAG} \mid \text{GUUAUCAUGGG} \\
\end{array}
\]

$\text{Fbxl20 (NM\_028149)}$ $X = 0.55; \text{Truncation = N}$

\[
\begin{array}{c}
\text{GGCCCCAUGAG} \mid \text{UUUGAGAUGUU} \\
\end{array}
\]

$\text{Chmp4b (NM\_029362)}$ $X = 0.54; \text{Truncation = N}$

\[
\begin{array}{c}
\text{GCAACCAUGUC} \mid \text{GGUGCAAUGCU} \\
\end{array}
\]

$\text{Rrp36 (NM\_144857)}$ $X = 0.54; \text{Truncation = N}$

\[
\begin{array}{c}
\text{CGUGCUAUGGA} \mid \text{UCUGACAUGUC} \\
\end{array}
\]

$\text{Emc8 (NM\_010926)}$ $X = 0.54; \text{Truncation = N}$

\[
\begin{array}{c}
\text{GUCGCGAUGCC} \mid \text{UGCAAGAUGGU} \\
\end{array}
\]

$\text{Mtmr2 (NM\_023858)}$ $X = 0.54; \text{Truncation = Y}$

\[
\begin{array}{c}
\text{CGCGCCAUGGA} \mid \text{GCAGAAAUGGA} \\
\end{array}
\]

$\text{Txndc5 (NM\_145367)}$ $X = 0.53; \text{Truncation = N}$

\[
\begin{array}{c}
\text{GCCACGAUGCC} \mid \text{GCCGACAUGUU} \\
\end{array}
\]

$\text{Noc4l (NM\_153570)}$ $X = 0.53; \text{Truncation = N}$

\[
\begin{array}{c}
\text{GGCGGCAUGGA} \mid \text{ACACUCAUGAA} \\
\end{array}
\]
Reads Ldlrap1 (NM_145554) X = 0.52; Truncation = N

Reads Psmg3 (NM_025604) X = 0.52; Truncation = Y

Reads Rbp1 (NM_011254) X = 0.51; Truncation = Y

Reads Fbxw11 (NM_134015) X = 0.51; Truncation = N

Reads Atg12 (NM_026217) X = 0.51; Truncation = N

Reads Zfp281 (NM_001160251) X = 0.5; Truncation = Y

Reads Lamb1 (NM_008482) X = 0.5; Truncation = Y

Reads ORF61 (NM_001003949) X = 0.5; Truncation = N

Reads Hdgf (NM_008231) X = 0.49; Truncation = Y

Reads Srebf1 (NM_011480) X = 0.49; Truncation = N

Reads Eif2b2 (NM_145445) X = 0.49; Truncation = N

Reads Gars (NM_180678) X = 0.48; Truncation = Y

Reads Yrdc (NM_153566) X = 0.48; Truncation = Y

Reads Ap2a2 (NM_007459) X = 0.48; Truncation = N

Reads Tpm2 (NM_009416) X = 0.48; Truncation = Y

CGGGCCAUGGA | GAGGGAUGG

CAGGAAUGGA | CUGGAACUGGG

GGGACCAUGGA | GGGAAGAUGGG

CCAAAAAUGCC | UGGAAGAUGCU

GCCGCCAUGGA | GAGCUCAUGG

GCAAAGAUGUC | CCUAUAAUGAA

GCGGUGAUGUC | UUCAAGAUGGC

CCGAACAUUGCC | GCGAAGAUGGA

GCGCCCAUGGA | GAGCUCAUGG

GCGCCAUGGA | CCCGAUGG

GCAAAGAUGCC | GACGGGAUGCG

GCAGCCAUGGA | AAGAAGAUGCA

GUGCUCAUGCC | AGACGCAUGGC

GCGCCAUGGA | GCCGAGAUGUG

UGCGGAUGUC | GCCGGCAUGGG

GCACGGAUGUC | GCCGGCAUGGG

GCAAAAGAUGCC | CUAUAUGAA

GCGCCCAUGGA | GCCGAGAUGGG

Srebf1 (NM_011480) X = 0.49; Truncation = N

Ell3 (NM_145973) X = 0.49; Truncation = Y

Pja1 (NM_0010083110) X = 0.49; Truncation = N

Srebf1 (NM_001160251) X = 0.5; Truncation = Y

Eif2b2 (NM_145445) X = 0.49; Truncation = N

Hdgf (NM_008233) X = 0.49; Truncation = Y

Fbxo5 (NM_025995) X = 0.49; Truncation = N

Hdgfrp2 (NM_008233) X = 0.5; Truncation = Y

Pja1 (NM_001083110) X = 0.49; Truncation = N

Pcgf6 (NM_027654) X = 0.5; Truncation = N

Pcgf6 (NM_027654) X = 0.5; Truncation = N

Gars (NM_180678) X = 0.5; Truncation = Y

Ell3 (NM_145973) X = 0.49; Truncation = Y

Ap2a2 (NM_007459) X = 0.48; Truncation = N

Eif2b2 (NM_145445) X = 0.5; Truncation = N

Tpm2 (NM_009416) X = 0.48; Truncation = Y

CGGGCCAUGGA | GAGGGAUGG

CAGGAAUGGA | CUGGAACUGGG

GGGACCAUGGA | GGGAAGAUGGG

CCAAAAAUGCC | UGGAAGAUGCU

GCCGCCAUGGA | GAGCUCAUGG

GCAAAGAUGUC | CCUAUAAUGAA

GCGGUGAUGUC | UUCAAGAUGGC

CCGAACAUUGCC | GCGAAGAUGGA

GCGCCCAUGGA | GAGCUCAUGG

GCGCCAUGGA | GCCGAGAUGGG

Srebf1 (NM_011480) X = 0.49; Truncation = N

Ell3 (NM_145973) X = 0.49; Truncation = Y

Pja1 (NM_0010083110) X = 0.49; Truncation = N

Srebf1 (NM_001160251) X = 0.5; Truncation = Y

Eif2b2 (NM_145445) X = 0.49; Truncation = N

Hdgf (NM_008233) X = 0.49; Truncation = Y

Fbxo5 (NM_025995) X = 0.49; Truncation = N

Hdgfrp2 (NM_008233) X = 0.5; Truncation = Y

Pja1 (NM_001083110) X = 0.49; Truncation = N

Pcgf6 (NM_027654) X = 0.5; Truncation = N

Gars (NM_180678) X = 0.5; Truncation = Y

Ell3 (NM_145973) X = 0.49; Truncation = Y

Ap2a2 (NM_007459) X = 0.48; Truncation = N

Tpm2 (NM_009416) X = 0.48; Truncation = Y
IsyNa1 (NM_023627) X = 0.46; Truncation = N

Thy1 (NM_144543) X = 0.46; Truncation = N

Nars (NM_001142950) X = 0.46; Truncation = N

Dusp6 (NM_026268) X = 0.46; Truncation = Y

HmoX1 (NM_010442) X = 0.46; Truncation = N

Cc2d1b (NM_177045) X = 0.46; Truncation = N

Nes (NM_016701) X = 0.45; Truncation = Y

Ddt (NM_010027) X = 0.45; Truncation = N

Mfap1b (NM_001081975) X = 0.45; Truncation = N

Trip12 (NM_133975) X = 0.45; Truncation = N

Dppa3 (NM_139218) X = 0.45; Truncation = Y

Rae1 (NM_175112) X = 0.45; Truncation = N

Eef2 (NM_007907) X = 0.45; Truncation = N

Psmd10 (NM_001164177) X = 0.45; Truncation = N

Plekhh1 (NM_023900) X = 0.44; Truncation = Y

Cmtm6 (NM_026036) X = 0.44; Truncation = N

Hnrnpl (NM_177301) X = 0.44; Truncation = Y

Myadm (NM_001093764) X = 0.44; Truncation = N

Psat1 (NM_177420) X = 0.44; Truncation = N

2810021B07Rik (NM_025479) X = 0.44; Truncation = N
Reads

Klhl13 (NM_026167) X = 0.44; Truncation = N

+ H

− H

GAAGUGAUGGA | AGUGAAAUGGG

Reads

Ssu72 (NM_026889) X = 0.44; Truncation = N

+ H

− H

GGUGCAUGCC | CGGAGCAUGGA

Eif4g1 (NM_001005331) X = 0.44; Truncation = Y

+ H

− H

AAUGAAAUGAA | ACACAAAUGAA

Reads

Gm20604 (NM_001142939) X = 0.43; Truncation = Y

+ H

− H

GUCGCCAUGGA | GUCCGGAUGAA

Psmd6 (NM_025550) X = 0.43; Truncation = N

+ H

− H

GUAGCAUGCC | GAGUUGAUGGC

Pck2 (NM_028994) X = 0.43; Truncation = Y

+ H

− H

UUUGCUAUGCU | GGUGCCAUGGC

Dpy19l1 (NM_172920) X = 0.43; Truncation = Y

+ H

− H

GCCAAGAUGGU | AGGGAGAUGGC

AK010878 (NM_001142938) X = 0.43; Truncation = N

+ H

− H

GUCGCCAUGGA | GUCCGGAUGAA

Stx5a (NM_001167799) X = 0.43; Truncation = N

+ H

− H

GACUCGAUGAU | GACACCAUGUC

Cdc42se2 (NM_178626) X = 0.43; Truncation = N

+ H

− H

GCCACGAUGCC | GACCCCAUGAA

Gnai3 (NM_010306) X = 0.41; Truncation = N

+ H

− H

GCCGCCAUGGG | AGCAAGAUGAU

Reads

Osgep (NM_133676) X = 0.43; Truncation = N

+ H

− H

GGCACCAUGCC | CCUGGCAUGGG

Tnks1bp1 (NM_001081260) X = 0.42; Truncation = N

+ H

− H

UAUGGAUGAA | ACAGCCAUGGC

Traf4 (NM_009423) X = 0.42; Truncation = Y

+ H

− H

CCCAGCAUGCC | AAGCCCAUGCG

Cdc42ep4 (NM_001163346) X = 0.42; Truncation = N

+ H

− H

AGCACGAUGCC | GCCGAGAUGAU

Rps6ka1 (NM_009097) X = 0.42; Truncation = Y

+ H

− H

GGCGCGAUGCC | CCGCUCAUGGA

Eid2 (NM_198425) X = 0.42; Truncation = N

+ H

− H

UCCGACAUGUC | CGCCCAAUGGC

Eif5 (NM_178041) X = 0.42; Truncation = Y

+ H

− H

GCCAAAAUGUC | UACAAGAUGCC

Zfp26 (NM_011753) X = 0.42; Truncation = N

+ H

− H

AAAGAGAUGGA | GAAAGCAUGCU

Srp9 (NM_012058) X = 0.42; Truncation = N

+ H

− H

GCCACGAUGCC | GACCCCAUGAA

Gna3 (NM_010306) X = 0.41; Truncation = N

+ H

− H

GCCGCCAUGGG | AGCAAGAUGAU
Ndn (NM_010882) X = 0.41; Truncation = N

Sextd1 (NM_175465) X = 0.4; Truncation = N

Sox11 (NM_009234) X = 0.41; Truncation = Y

Prpsap1 (NM_026364) X = 0.4; Truncation = Y

Plk2 (NM_152804) X = 0.41; Truncation = N

Sic25a40 (NM_178766) X = 0.4; Truncation = N

Stub1 (NM_019719) X = 0.41; Truncation = N

Gng5 (NM_010318) X = 0.4; Truncation = Y

Ndufa1 (NM_019443) X = 0.41; Truncation = N

Snrpd3 (NM_026095) X = 0.4; Truncation = N

Zdhhc18 (NM_001017968) X = 0.4; Truncation = N

Wdh1 (NM_172598) X = 0.4; Truncation = N

Sdad1 (NM_172713) X = 0.41; Truncation = N

St13 (NM_133726) X = 0.4; Truncation = N

Mrfap1 (NM_011787) X = 0.4; Truncation = N

D19Wsu162e (NM_001177812) X = 0.4; Truncation = Y

2810422J05Rik (NM_029366) X = 0.4; Truncation = N
Reads

Spr (NM_011467) X = 0.4; Truncation = N

Rab11fip1 (NM_001080813) X = 0.39; Truncation = N

Snrp2 (NM_021335) X = 0.39; Truncation = N

Fam100b (NM_176902) X = 0.39; Truncation = N

Bax (NM_007527) X = 0.39; Truncation = N

Nup155 (NM_133227) X = 0.39; Truncation = Y

Cdc42se1 (NM_001038708) X = 0.39; Truncation = N

Drg1 (NM_007879) X = 0.39; Truncation = N

Stx12 (NM_133887) X = 0.39; Truncation = Y

Usp24 (NM_183225) X = 0.39; Truncation = N

Klhl9 (NM_172871) X = 0.39; Truncation = N

Kifc5b (NM_053173) X = 0.39; Truncation = Y

Midn (NM_021565) X = 0.39; Truncation = Y

Hif1a (NM_010431) X = 0.39; Truncation = N

Camkmt (NM_028576) X = 0.39; Truncation = N

Gng12 (NM_001177556) X = 0.39; Truncation = N

Eftud1 (NM_001159672) X = 0.39; Truncation = N

Msn (NM_010833) X = 0.39; Truncation = N

Txn1 (NM_011660) X = 0.39; Truncation = N

Hist1h2bc (NM_023422) X = 0.39; Truncation = N
Taf10 (NM_020024) X = 0.38; Truncation = Y

GCCC|GCCAUGCA

Timm13 (NM_013895) X = 0.38; Truncation = N

GCGG|CGAUGGA

Pgk1 (NM_008828) X = 0.38; Truncation = N

GCAA|GCAUGGA

Ilf43 (NM_001199843) X = 0.38; Truncation = N

GCCG|GCCAUGGA

Brd4 (NM_020508) X = 0.38; Truncation = Y

ACUA|ACGAUGGA

Psmd14 (NM_021526) X = 0.38; Truncation = Y

AGAA|AGAAUGGA

Nanog (NM_028016) X = 0.38; Truncation = N

ACUG|ACGAUGGA

Napa (NM_025898) X = 0.37; Truncation = Y

GAGC|GAGCAUGGA

Ppm1g (NM_008014) X = 0.37; Truncation = N

GCGG|GCCAUGGA

Zmat3 (NM_009517) X = 0.37; Truncation = N

UGGC|UGCAUGGA

Sicla1 (NM_011400) X = 0.37; Truncation = Y

GCGC|CGAUGGA

Khi24 (NM_029436) X = 0.37; Truncation = N

GUA|GUAAUGGA

Cd164 (NM_016898) X = 0.37; Truncation = N

GA|GAUGGA

Ppl2 (NM_001252444) X = 0.37; Truncation = N

GCA|GCAUGGA

Tbcc (NM_178385) X = 0.36; Truncation = N

AG|AGGAUGGA

Tfpt (NM_023524) X = 0.36; Truncation = N

CUU|CUGCAUGGA

Tbcc (NM_028016) X = 0.38; Truncation = N

HPA|HPAUGGA

Pcbp1 (NM_011865) X = 0.36; Truncation = N

Tfpt (NM_013924) X = 0.36; Truncation = Y

HPC|HPCUGGA

Pcbp1 (NM_011865) X = 0.36; Truncation = N

Hsp90aa1 (NM_010480) X = 0.36; Truncation = Y

GAC|GACAAUGGA

Ddx21 (NM_019553) X = 0.36; Truncation = N

UGA|UGAAUGGA

Klhl24 (NM_029436) X = 0.37; Truncation = N

GUG|GUGCAUGGA

Ddx21 (NM_019553) X = 0.36; Truncation = N

UGA|UGAAUGGA
Tomm7 (NM_025394) X = 0.36; Truncation = N

Hnrnpul2 (NM_001081196) X = 0.36; Truncation = N

Vim (NM_011701) X = 0.36; Truncation = N

Nucb1 (NM_001163662) X = 0.36; Truncation = N

H2afy2 (NM_207000) X = 0.36; Truncation = N

Dync1i2 (NM_001198872) X = 0.36; Truncation = N

Cul3 (NM_016716) X = 0.36; Truncation = N

Chchd10 (NM_175329) X = 0.36; Truncation = N

Ptov1 (NM_133949) X = 0.36; Truncation = N

Ppa2 (NM_146141) X = 0.36; Truncation = Y

Pou5f1 (NM_001252452) X = 0.36; Truncation = N

Grb10 (NM_001177629) X = 0.36; Truncation = N

Sfrp2 (NM_009144) X = 0.35; Truncation = N

Ctnnbip1 (NM_001141930) X = 0.35; Truncation = N

Hist1h2bg (NM_178196) X = 0.35; Truncation = N

Bcam (NM_020486) X = 0.35; Truncation = N

Prdx5 (NM_012021) X = 0.35; Truncation = N

Ubtf (NM_001044383) X = 0.35; Truncation = Y

Ybey (NM_172550) X = 0.35; Truncation = N

Pak1 (NM_011035) X = 0.35; Truncation = N
Tmem201 (NM_001025106) X = 0.35; Truncation = N

Patz1 (NM_001253690) X = 0.34; Truncation = N

Hist1h2be (NM_001177653) X = 0.34; Truncation = N

Slc3a2 (NM_008577) X = 0.34; Truncation = Y

Commd7 (NM_133850) X = 0.34; Truncation = N

Nsmce4a (NM_001162855) X = 0.34; Truncation = Y

Cbfa2t2 (NM_026728) X = 0.34; Truncation = N

Echdc2 (NM_024166) X = 0.34; Truncation = N

Shprh (NM_001077707) X = 0.34; Truncation = N

Coq3 (NM_172687) X = 0.34; Truncation = Y

Bag6 (NM_001252468) X = 0.34; Truncation = N

Acot1 (NM_012006) X = 0.34; Truncation = N

Btg2 (NM_007570) X = 0.33; Truncation = Y

Zwilch (NM_026507) X = 0.33; Truncation = Y

Rpa1 (NM_001164223) X = 0.33; Truncation = N

Lefty2 (NM_177099) X = 0.33; Truncation = N

Mtap7d1 (NM_001145970) X = 0.33; Truncation = Y
Reads
Pank2 (NM_153501) X = 0.31; Truncation = Y
+ H
− H
UUGCGGAUGGG | GCGCCUAUGGA

Reads
Pa2g4 (NM_011119) X = 0.31; Truncation = N
+ H
− H
AGGAAGAUGUC | UAUAAGAUGGG

Reads
Arl15 (NM_172595) X = 0.31; Truncation = N
+ H
− H
UGCCGGAUGUC | CUGUACAUGGA

Reads
Slc7a3 (NM_007515) X = 0.31; Truncation = N
+ H
− H
ACUAGAAUGCU | CUGGGUAUGGG

Reads
Psmb1 (NM_011185) X = 0.31; Truncation = Y
+ H
− H
GGCGCGAUGCU | CUGGGAAUGGG

Reads
Gsto1 (NM_010362) X = 0.31; Truncation = N
+ H
− H
UCAGCGAUGUC | UACAGCAUGAG

Reads
Mul1 (NM_026689) X = 0.31; Truncation = N
+ H
− H
GUCGCCAUGGA | AGUUCGAUGGU

Reads
Pdlim5 (NM_001190852) X = 0.31; Truncation = N
+ H
− H
GGAACCAUGAG | UUCAACAUGCC

Reads
Rars (NM_025936) X = 0.31; Truncation = N
+ H
− H
GAGAGGAUGGA | AAAAACAUGAU

Reads
5−Mar (NM_001164336) X = 0.3; Truncation = N
+ H
− H
CGGAAGAUGCC | CAACAGAUGCU

Reads
Rpl41 (NM_018860) X = 0.3; Truncation = N
+ H
− H
UGCGCCAUGAG | AAGAGAAUGCG

Reads
2210016L21Rik (NM_028211) X = 0.3; Truncation = Y
+ H
− H
CCCAGGAUGGU | GGUGCAAUGAG

Reads
0610010O12Rik (NM_001081365) X = 0.3; Truncation = N
+ H
− H
UUCCCGAUGAA | CAGCCAAUGGG

Reads
Traf6 (NM_009424) X = 0.3; Truncation = N
+ H
− H
GCUACUAUGGU | GCUCCGUAUGG

Reads
Slc19a2 (NM_054087) X = 0.3; Truncation = N
+ H
− H
CCCAGGAUGGA | GCCAGGAUGCU

Reads
Spats2 (NM_139140) X = 0.3; Truncation = Y
+ H
− H
ACUGCAAUGUC | GAGAAUAUGAA

Reads
Smc4 (NM_133786) X = 0.3; Truncation = Y
+ H
− H
GCCACCAUGCG | GAAGAGAUGGA

Reads
Skil (NM_001039090) X = 0.3; Truncation = N
+ H
− H
GUGGCCAUGGA | AACGGCAUGGA

Reads
Cyp51 (NM_020010) X = 0.3; Truncation = N
+ H
− H
GUCGGGAUGGU | CAGGCGAUGGA

Reads
Hist2h2aa2 (NM_178212) X = 0.3; Truncation = N
+ H
− H
UUCGUGAUGUC | GUAUACAUGGC
Ube2a (NM_019668) X = 0.29; Truncation = N

6030458C11Rik (NM_001166360) X = 0.29; Truncation = N

Exoc3 (NM_177333) X = 0.29; Truncation = Y

Apoc1 (NM_001110009) X = 0.28; Truncation = N

Gnas (NM_001077510) X = 0.28; Truncation = N

0610010K14Rik (NM_001177601) X = 0.28; Truncation = N

Trdmt1 (NM_010067) X = 0.28; Truncation = N

Fam103a1 (NM_025997) X = 0.28; Truncation = N

Tmem242 (NM_027457) X = 0.28; Truncation = N

Tbc1d10b (NM_144522) X = 0.28; Truncation = Y

Sall4 (NM_201396) X = 0.28; Truncation = N

Ykt6 (NM_019661) X = 0.28; Truncation = N

Sfpq (NM_023603) X = 0.28; Truncation = N

Rnf44 (NM_0011146027) X = 0.28; Truncation = Y

Serinc5 (NM_172588) X = 0.28; Truncation = N

2410002O22Rik (NM_001093759) X = 0.28; Truncation = N

Cat (NM_009804) X = 0.28; Truncation = N

Psmb4 (NM_008945) X = 0.28; Truncation = N

Fdft1 (NM_010191) X = 0.27; Truncation = N

Slu7 (NM_198936) X = 0.27; Truncation = N
Ska2 (NM_025377) X = 0.27; Truncation = N

Khnyn (NM_027143) X = 0.27; Truncation = Y

Paip2b (NM_146169) X = 0.27; Truncation = Y

Cnd2 (NM_009829) X = 0.27; Truncation = N

Mcm4 (NM_008565) X = 0.27; Truncation = Y

Glit1d1 (NM_177005) X = 0.26; Truncation = N

Cdk2ap2 (NM_026373) X = 0.26; Truncation = Y

L1td1 (NM_001081202) X = 0.26; Truncation = N

Cnot8 (NM_026949) X = 0.26; Truncation = Y

Rdg3 (NM_028810) X = 0.26; Truncation = N

Itm2c (NM_022417) X = 0.26; Truncation = N

H2afy (NM_001159513) X = 0.26; Truncation = Y

Rragc (NM_017475) X = 0.26; Truncation = N

Rbm25 (NM_027349) X = 0.26; Truncation = Y

Tbrg1 (NM_025289) X = 0.26; Truncation = N

Psmd9 (NM_026000) X = 0.26; Truncation = N

1110004E09Rik (NM_026502) X = 0.26; Truncation = N

7−Mar (NM_020575) X = 0.26; Truncation = Y

Nptn (NM_009145) X = 0.25; Truncation = N

Ktn1 (NM_008477) X = 0.25; Truncation = N
Rrp7a (NM_029101) X = 0.23; Truncation = N

2410015M20Rik (NM_153152) X = 0.23; Truncation = N

Ier5 (NM_010500) X = 0.23; Truncation = N

Cdkn2b (NM_007670) X = 0.23; Truncation = Y

Spag5 (NM_017407) X = 0.23; Truncation = N

Dppa4 (NM_001018002) X = 0.22; Truncation = N

Nudt16l1 (NM_025839) X = 0.22; Truncation = N

Hnrnpd (NM_001077265) X = 0.22; Truncation = N

Gpn1 (NM_133756) X = 0.22; Truncation = Y

Tmem194b (NM_001142647) X = 0.22; Truncation = N

Smyd3 (NM_027188) X = 0.22; Truncation = N

Eed (NM_021876) X = 0.22; Truncation = N

Pabpc1 (NM_008774) X = 0.22; Truncation = Y

Cnppd1 (NM_026977) X = 0.22; Truncation = N

Stk11 (NM_011492) X = 0.22; Truncation = N

Fxc1 (NM_019502) X = 0.22; Truncation = N

E2f3 (NM_010093) X = 0.22; Truncation = N

Elavl4 (NM_148941) X = 0.22; Truncation = N

Cxx1a (NM_024170) X = 0.21; Truncation = N

Creld2 (NM_029720) X = 0.21; Truncation = N
Reads

Galnt7 (NM_001167981) X = 0.21; Truncation = N
+ H
− H
AGGAAGAUGAG | AGCAGGAUGAG

Reads

Wibg (NM_001253705) X = 0.21; Truncation = N
+ H
− H
UCAGUCAUGGA | UUUUUAUGGG

Reads

Nxn (NM_008750) X = 0.21; Truncation = N
+ H
− H
GCCAGGAUGUC | CQGGACAUUGC

Reads

Ywhah (NM_011738) X = 0.21; Truncation = N
+ H
− H
AGCGACAUGGG | GACGAUAUGGC

Reads

Ranbp2 (NM_011240) X = 0.21; Truncation = N
+ H
− H
GGCGCGAUGAG | AAGUCAAUGAA

Reads

Brk1 (NM_133937) X = 0.21; Truncation = N
+ H
− H
GCCGCCAUGGC | UUCGAUAUGUC

Reads

Hcfc1r1 (NM_181821) X = 0.21; Truncation = Y
+ H
− H
GCCGUAAUGAU | GAGAACAUGGC

Reads

Cxx1b (NM_001018063) X = 0.21; Truncation = N
+ H
− H
AGCGUCAUGGA | GCCUACAUGCU

Reads

Prtg (NM_175485) X = 0.21; Truncation = N
+ H
− H
CUCAAAAUGAG | GCGGAGAUGCC

Reads

Slc25a17 (NM_011399) X = 0.21; Truncation = N
+ H
− H
GGCACCAUGGC | ACUGCCAUGAC

Reads

Arf5 (NM_007480) X = 0.21; Truncation = N
+ H
− H
CCC GCCCAUGGG | AAGCAGAUAGG

Reads

Calu (NM_007594) X = 0.21; Truncation = Y
+ H
− H
GUUAUCAUGGA | UUUCUUAUGUG

Reads

Klhdc4 (NM_145605) X = 0.21; Truncation = N
+ H
− H
GGCGCGAUGGG | GCCAAGAUGGA

Reads

Ankrd17 (NM_030886) X = 0.21; Truncation = N
+ H
− H
GCGGGGAUGGA | CGUGGGAUGGU

Reads

H1f0 (NM_008197) X = 0.21; Truncation = N
+ H
− H
GCCACCAUGAC | UCAGACAUGAU

Reads

Arl6ip1 (NM_019419) X = 0.2; Truncation = N
+ H
− H
GGAACGAUGGC | GAGGUGAUGCU

Reads

Spata5 (NM_001163511) X = 0.2; Truncation = N
+ H
− H
GCGGUCAUGUC | CCGGGGAUGCU

Reads

Hbegf (NM_010415) X = 0.2; Truncation = N
+ H
− H
GGGACCAUGAA | UCGGUGAUGCU

Reads

Flna (NM_010227) X = 0.2; Truncation = Y
+ H
− H
CUCAAAAUGAG | GCGGAGAUGCC

Reads

Akr1a1 (NM_021473) X = 0.2; Truncation = Y
+ H
− H
GGGACAAUGAC | CAGAAGAUGCC
Reads

Cisd1 (NM_134007) X = 0.17; Truncation = Y

Sec62 (NM_027016) X = 0.17; Truncation = N

Dtd1 (NM_025314) X = 0.17; Truncation = N

Mrpl1 (NM_001039084) X = 0.17; Truncation = N

Derl2 (NM_033562) X = 0.17; Truncation = N

Rrp9 (NM_145620) X = 0.17; Truncation = N

Fgf17 (NM_008004) X = 0.17; Truncation = Y

Ccdc25 (NM_145944) X = 0.17; Truncation = Y

Klf1b (NM_008441) X = 0.17; Truncation = N

Exosc10 (NM_016699) X = 0.16; Truncation = Y

Sap30 (NM_021788) X = 0.16; Truncation = N

Cdkn2a (NM_008441) X = 0.16; Truncation = N

Rdh11 (NM_021557) X = 0.16; Truncation = N

Arpc5i (NM_028809) X = 0.16; Truncation = N

Pfn1 (NM_011072) X = 0.16; Truncation = N

Lims1 (NM_026148) X = 0.16; Truncation = N

Ncapg (NM_019438) X = 0.16; Truncation = N

Tsg101 (NM_021884) X = 0.16; Truncation = N

Gadd45g (NM_011817) X = 0.16; Truncation = N

Cdkn1b (NM_009875) X = 0.16; Truncation = N
Mrpl41 (NM_001031808) X = 0.16; Truncation = N

Rnf31 (NM_194346) X = 0.16; Truncation = N

Zbtb12 (NM_198886) X = 0.16; Truncation = N

Pfkl (NM_008826) X = 0.16; Truncation = N

Dad1 (NM_001113358) X = 0.16; Truncation = N

Psip1 (NM_133948) X = 0.16; Truncation = N

Uhrf1 (NM_001111078) X = 0.16; Truncation = N

Copb1 (NM_033370) X = 0.16; Truncation = N

Pafah1b3 (NM_008776) X = 0.16; Truncation = N

Trnt1 (NM_001242360) X = 0.16; Truncation = Y

Lsr (NM_001164184) X = 0.16; Truncation = N

Ndufs8 (NM_144870) X = 0.16; Truncation = N

Nme7 (NM_138314) X = 0.16; Truncation = N

Tomm5 (NM_001099675) X = 0.15; Truncation = Y

Mad2l1bp (NM_025649) X = 0.15; Truncation = Y

Pard6b (NM_021409) X = 0.15; Truncation = N

Rps28 (NM_016844) X = 0.15; Truncation = N
Reads

Cyc1 (NM_025567) X = 0.15; Truncation = N

Sgce (NM_001130188) X = 0.15; Truncation = Y

Pak2 (NM_177326) X = 0.15; Truncation = N

Arl4c (NM_177305) X = 0.15; Truncation = Y

Peo1 (NM_153796) X = 0.15; Truncation = Y

Ubqin2 (NM_018798) X = 0.15; Truncation = N

Arl4 (NM_007479) X = 0.15; Truncation = N

Impact (NM_008378) X = 0.15; Truncation = N

Sec31a (NM_026969) X = 0.15; Truncation = N

F2r (NM_010169) X = 0.15; Truncation = N

Zifland3 (NM_148926) X = 0.15; Truncation = N

Mapkapk2 (NM_008551) X = 0.15; Truncation = N

Hyou1 (NM_021395) X = 0.15; Truncation = N

Pnrc1 (NM_001033225) X = 0.15; Truncation = N

Clip3 (NM_001081114) X = 0.15; Truncation = N

Hyou1 (NM_021395) X = 0.15; Truncation = N

Pald1 (NM_013753) X = 0.15; Truncation = Y

Ung (NM_011677) X = 0.15; Truncation = N

1810026J23Rik (NM_178619) X = 0.15; Truncation = N

Cox8a (NM_007750) X = 0.15; Truncation = N

Kdm1a (NM_133872) X = 0.15; Truncation = N

Pald1 (NM_013753) X = 0.15; Truncation = Y

Cox8a (NM_007750) X = 0.15; Truncation = N
Reads

Kdelr2 (NM_025841) X = 0.15; Truncation = N

Emc10 (NM_197991) X = 0.15; Truncation = N

Birc5 (NM_001012273) X = 0.14; Truncation = N

Dscr3 (NM_007834) X = 0.14; Truncation = N

Igfbp4 (NM_010517) X = 0.14; Truncation = N

Nudt11 (NM_021431) X = 0.14; Truncation = N

Rpl28 (NM_009081) X = 0.14; Truncation = Y

Spcs3 (NM_029701) X = 0.14; Truncation = N

Suz12 (NM_001163018) X = 0.14; Truncation = N

Stk24 (NM_145465) X = 0.14; Truncation = N

Plin2 (NM_007408) X = 0.14; Truncation = N

Palm3 (NM_028877) X = 0.14; Truncation = N

Fads2 (NM_019699) X = 0.14; Truncation = N

Golph3 (NM_025673) X = 0.14; Truncation = N

Fads2 (NM_019699) X = 0.14; Truncation = N

Golph3 (NM_025673) X = 0.14; Truncation = N

Git1 (NM_001004144) X = 0.14; Truncation = N

Zwint (NM_025635) X = 0.14; Truncation = N

Hnrnpab (NM_001048061) X = 0.14; Truncation = Y

Upf3b (NM_026573) X = 0.14; Truncation = N

4930579G24Rik (NM_029482) X = 0.14; Truncation = N

Anxa11 (NM_013469) X = 0.14; Truncation = N
**Hspbap1 (NM_175111) X = 0.11; Truncation = N**

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AUAACCAUGGC | AUUAUAAUGUC
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**Fbxo38 (NM_134136) X = 0.11; Truncation = N**

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ACAGCCAUUGG | UGUGUAUAGGA
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**Cops4 (NM_012001) X = 0.11; Truncation = N**

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GAAAGAUGGC | CAGCUCAUGAA
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**Cbx3 (NM_007624) X = 0.11; Truncation = N**

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UAAAAAUGGC | CAAAAAUGGG
```

**2310011J03Rik (NM_025521) X = 0.11; Truncation = N**

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UACAAGAUGAA | GUGGCUAUGAA
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**Banf1 (NM_001038231) X = 0.11; Truncation = Y**

```
GCCCGGAUGGC | GACACCAUGGG
```

**Hist2h3c1 (NM_178216) X = 0.11; Truncation = N**

```
UUCGCCAUGGC | GCCGUCAUGGC
```

**Sparc (NM_009242) X = 0.11; Truncation = N**

```
AGCAUCAUGAG | GUGGAAAUGGG
```

**Golt1b (NM_025872) X = 0.11; Truncation = N**

```
GCCACCAUGAU | AUUGGCAUGGG
```

**Hibadh (NM_145567) X = 0.11; Truncation = N**

```
GACAGCAUGGC | AGGUCAAUGGC
```

**Aqp3 (NM_016689) X = 0.11; Truncation = N**

```
CGCGCCAUGGG | GAGUUGAUGAA
```

**Gnai2 (NM_008138) X = 0.11; Truncation = N**

```
GGCAGGAUGGG | UCUAAAAUGAU
```

**Rpe (NM_025683) X = 0.1; Truncation = N**

```
GGCACCAUGGC | CUGCGCAUGCU
```

**Dnaja3 (NM_001135112) X = 0.1; Truncation = N**

```
GCCAAAAUGGC | CUUUCCAUGGG
```

**Fnta (NM_008033) X = 0.1; Truncation = N**

```
GGCGAGAUGGC | GAAGAGAUGGC
```

**Mea1 (NM_010787) X = 0.11; Truncation = N**

```
GCCCGGAUGGC | GACACCAUGGG
```

**Hist2h3c1 (NM_178216) X = 0.11; Truncation = N**

```
UUCGCCAUGGC | GCCGUCAUGGC
```

**Sparc (NM_009242) X = 0.11; Truncation = N**

```
AGCAUCAUGAG | GUGGAAAUGGG
```

**Golt1b (NM_025872) X = 0.11; Truncation = N**

```
GCCACCAUGAU | AUUGGCAUGGG
```

**Hibadh (NM_145567) X = 0.11; Truncation = N**

```
GACAGCAUGGC | AGGUCAAUGGC
```

**Aqp3 (NM_016689) X = 0.11; Truncation = N**

```
CGCGCCAUGGG | GAGUUGAUGAA
```

**Gnai2 (NM_008138) X = 0.11; Truncation = N**

```
GGCAGGAUGGG | UCUAAAAUGAU
```

**Rpe (NM_025683) X = 0.1; Truncation = N**

```
GGCACCAUGGC | CUGCGCAUGCU
```

**Dnaja3 (NM_001135112) X = 0.1; Truncation = N**

```
GCCAAAAUGGC | CUUUCCAUGGG
```

**Fnta (NM_008033) X = 0.1; Truncation = N**

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GGCGAGAUGGC | GAAGAGAUGGC
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Ccdc167 (NM_001163741) X = 0.1; Truncation = N

Bbc3 (NM_133234) X = 0.1; Truncation = N

Ufl1 (NM_026194) X = 0.1; Truncation = Y

Ncln (NM_134009) X = 0.099; Truncation = Y

Nhp2 (NM_026631) X = 0.098; Truncation = N

Ctbp2 (NM_009980) X = 0.098; Truncation = Y

Tmem41b (NM_153525) X = 0.098; Truncation = N

Rdbp (NM_001045863) X = 0.098; Truncation = Y

Arl2 (NM_019722) X = 0.097; Truncation = Y

Cacybp (NM_009786) X = 0.097; Truncation = N

Nbl1 (NM_008675) X = 0.097; Truncation = N

Gga2 (NM_028758) X = 0.096; Truncation = N

Nudc (NM_010948) X = 0.096; Truncation = N

Thumpd3 (NM_008188) X = 0.096; Truncation = Y

Irf2bpl (NM_145836) X = 0.095; Truncation = N

Rpl21 (NM_019647) X = 0.095; Truncation = N

Thumpd1 (NM_145585) X = 0.095; Truncation = Y

Bst2 (NM_198095) X = 0.094; Truncation = Y

Zfp498 (NM_001081431) X = 0.094; Truncation = N

Hn1l (NM_198937) X = 0.093; Truncation = N
Kif5b (NM_008448) X = 0.093; Truncation = N

Ogfo1 (NM_001093757) X = 0.093; Truncation = N

Rab34 (NM_033475) X = 0.092; Truncation = Y

Tspan9 (NM_175414) X = 0.091; Truncation = N

Map2k4 (NM_009157) X = 0.091; Truncation = N

Trim27 (NM_009054) X = 0.089; Truncation = N

Hdac6 (NM_001130416) X = 0.089; Truncation = Y

Lrif1 (NM_001039488) X = 0.088; Truncation = N

Rrp15 (NM_026041) X = 0.088; Truncation = Y

Spryd7 (NM_025697) X = 0.087; Truncation = N

Rpusd4 (NM_028040) X = 0.087; Truncation = Y

Mrpl12 (NM_027204) X = 0.087; Truncation = N

Rpusd4 (NM_028040) X = 0.087; Truncation = Y

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Spryd7 (NM_025697) X = 0.087; Truncation = N

Rpusd4 (NM_028040) X = 0.087; Truncation = Y

Mrpl12 (NM_027204) X = 0.087; Truncation = N

Spryd7 (NM_025697) X = 0.087; Truncation = N

Rpusd4 (NM_028040) X = 0.087; Truncation = Y

Mrpl12 (NM_027204) X = 0.087; Truncation = N

Spryd7 (NM_025697) X = 0.087; Truncation = N

Rpusd4 (NM_028040) X = 0.087; Truncation = Y

Mrpl12 (NM_027204) X = 0.087; Truncation = N

Spryd7 (NM_025697) X = 0.087; Truncation = N
Ggnbp2 (NM_153144) X = 0.084; Truncation = N

Med28 (NM_025895) X = 0.084; Truncation = N

Ckap2 (NM_001004140) X = 0.084; Truncation = Y

Hmgb2 (NM_008252) X = 0.083; Truncation = N

Rab6a (NM_001163663) X = 0.081; Truncation = N

Nedd8 (NM_008683) X = 0.08; Truncation = N

Trrap (NM_001081362) X = 0.08; Truncation = N

Acp2 (NM_007387) X = 0.08; Truncation = N

Med4 (NM_026119) X = 0.08; Truncation = Y

D14Abb1e (NM_001114879) X = 0.08; Truncation = Y

Ubr4 (NM_001160319) X = 0.079; Truncation = N

Hist1h3f (NM_013548) X = 0.079; Truncation = N

Rbm22 (NM_025776) X = 0.079; Truncation = N

Fermt2 (NM_146054) X = 0.078; Truncation = N

Hist1h3h (NM_178206) X = 0.078; Truncation = N

Lap3 (NM_024434) X = 0.078; Truncation = N

Tomm22 (NM_172609) X = 0.077; Truncation = Y

Atp5d (NM_025313) X = 0.077; Truncation = N

Snrpd1 (NM_009226) X = 0.076; Truncation = N

Gadd45a (NM_007836) X = 0.076; Truncation = N
Reads

Ctn1 (NM_183315) X = 0.069; Truncation = N

UGAGCUAUGAG | CUUGUGAUGGU

+ H
− H

Tmed9 (NM_026211) X = 0.062; Truncation = Y

GGCAAGAUGGC | AGGGGAUGCG

+ H
− H

Slc25a11 (NM_024211) X = 0.068; Truncation = Y

GGGGGGAUGGC | GGCCGGAUGGA

+ H
− H

Pawr (NM_054056) X = 0.062; Truncation = N

GGGAAAUGGC | GAGUCCAUGGA

+ H
− H

Hells (NM_008234) X = 0.068; Truncation = N

CCAGAGAUGGC | CCAGCCAUGCU

+ H
− H

Snake (NM_009227) X = 0.061; Truncation = N

CCGGGCAUGGC | GAUUAUAUGUC

+ H
− H

Snip1 (NM_175246) X = 0.067; Truncation = N

CGGAGAUGGA | UACCCCAUGGU

+ H
− H

Cyb5b (NM_025558) X = 0.067; Truncation = N

GAUCCCAUGGC | ACGUGGAUGGU

+ H
− H

Erlin2 (NM_153592) X = 0.065; Truncation = N

UCACUGAUGGC | CAUCUCAUGCU

+ H
− H

Prp8 (NM_138659) X = 0.065; Truncation = N

ACCGAGAUGGC | GAAGGGAUGGA

+ H
− H

Cib1 (NM_011870) X = 0.064; Truncation = N

GCGGCGAUGGG | AUCUGCAUGGU

+ H
− H

Gpa33 (NM_021610) X = 0.064; Truncation = N

CAGACCAUGUU | GUGUGGAUGUU

+ H
− H

Haus2 (NM_025475) X = 0.064; Truncation = N

GAAGCCAUGGC | AAGGAGAUGUU

+ H
− H

Grpel2 (NM_021296) X = 0.058; Truncation = N

UGGAACAUGGC | GGGGCUAUGUC

+ H
− H

Clcn2 (NM_009900) X = 0.063; Truncation = N

ACCGGAUGGC | GAAGGGAUGGU

+ H
− H

Gpa33 (NM_021610) X = 0.059; Truncation = N

CAGACCAUGUU | GUGUGGAUGUU

+ H
− H

Fam64a (NM_144526) X = 0.06; Truncation = N

AAGCACAUGGC | CAGGGCAUGAG

+ H
− H

Faf2 (NM_178397) X = 0.06; Truncation = N

GGCAAAAUGGC | GAGUCCAUGGA

+ H
− H

Txlng (NM_178935) X = 0.059; Truncation = N

CACCUCAUGGC | GGCACAAUGGA

+ H
− H

Gpa33 (NM_021610) X = 0.059; Truncation = N

CAGACCAUGUU | GUGUGGAUGUU

+ H
− H

Clcn2 (NM_009900) X = 0.063; Truncation = N

ACCGGAUGGC | GAAGGGAUGGU

+ H
− H

Haus2 (NM_025475) X = 0.059; Truncation = N

UCCACCAUGGC | AAGGUAUGUC

+ H
− H

Grpel2 (NM_021296) X = 0.058; Truncation = N

UGGAACAUGGC | GGGGCUAUGUC

+ H
− H

Clcn2 (NM_009900) X = 0.063; Truncation = N

ACCGGAUGGC | GAAGGGAUGGU

+ H
− H

Haus2 (NM_025475) X = 0.059; Truncation = N

UCCACCAUGGC | AAGGUAUGUC

+ H
− H

Grpel2 (NM_021296) X = 0.058; Truncation = N

UGGAACAUGGC | GGGGCUAUGUC

+ H
− H
Tmem33 (NM_028975) X = 0.047; Truncation = N

Ctnnb1 (NM_001165902) X = 0.046; Truncation = N

Oip5 (NM_001042653) X = 0.045; Truncation = Y

Mrpl39 (NM_017404) X = 0.045; Truncation = N

Ndufa6 (NM_025987) X = 0.045; Truncation = N

Zfp593 (NM_024215) X = 0.045; Truncation = N

Vps33b (NM_178070) X = 0.043; Truncation = N

Tmx1 (NM_028339) X = 0.043; Truncation = N

Ier3ip1 (NM_025409) X = 0.043; Truncation = N

Nudt9 (NM_028794) X = 0.043; Truncation = Y

Gtpbp4 (NM_027000) X = 0.042; Truncation = N

Hist1h3i (NM_178207) X = 0.042; Truncation = Y

Lin28a (NM_145833) X = 0.042; Truncation = N

Phb2 (NM_007531) X = 0.042; Truncation = N

Prom1 (NM_001163578) X = 0.042; Truncation = N

Mpv17l2 (NM_183170) X = 0.041; Truncation = N

Sdhaf2 (NM_025333) X = 0.041; Truncation = N

Fubp3 (NM_001033389) X = 0.040; Truncation = N

Fam134a (NM_170755) X = 0.040; Truncation = N

Mphosph8 (NM_023773) X = 0.039; Truncation = Y
Thada (NM_183021) X = 0.036; Truncation = N

Ctt8 (NM_009840) X = 0.036; Truncation = N

Chaf1a (NM_013733) X = 0.035; Truncation = Y

Mzt1 (NM_175245) X = 0.034; Truncation = N

Me2 (NM_145494) X = 0.034; Truncation = N

Mphosph6 (NM_026758) X = 0.034; Truncation = N

Commd10 (NM_178377) X = 0.033; Truncation = N

Ezh2 (NM_001146689) X = 0.032; Truncation = N

Kpna4 (NM_008467) X = 0.032; Truncation = N

Snd1 (NM_019776) X = 0.031; Truncation = N

Mrpl34 (NM_053162) X = 0.031; Truncation = Y

Anxa6 (NM_001110211) X = 0.036; Truncation = N

Pmm2 (NM_016881) X = 0.036; Truncation = Y

Pmm2 (NM_016881) X = 0.036; Truncation = Y

Lactb2 (NM_145381) X = 0.036; Truncation = N

Ccdc6 (NM_001111121) X = 0.037; Truncation = N

Gprc5a (NM_181444) X = 0.037; Truncation = N

Cops5 (NM_013715) X = 0.037; Truncation = N

Atpi1 (NM_007512) X = 0.038; Truncation = N

Lin37 (NM_029377) X = 0.038; Truncation = N

Bloc1s1 (NM_015740) X = 0.038; Truncation = N

Atpif1 (NM_007512) X = 0.038; Truncation = N

Cops5 (NM_013715) X = 0.037; Truncation = N

Gag (NM_019776) X = 0.031; Truncation = N

Kpna4 (NM_008467) X = 0.032; Truncation = N

Commd10 (NM_178377) X = 0.033; Truncation = N

Ezh2 (NM_001146689) X = 0.032; Truncation = N

Kpna4 (NM_008467) X = 0.032; Truncation = N

Snd1 (NM_019776) X = 0.031; Truncation = N

Mrpl34 (NM_053162) X = 0.031; Truncation = Y

Anxa6 (NM_001110211) X = 0.036; Truncation = N

Pmm2 (NM_016881) X = 0.036; Truncation = Y

Lactb2 (NM_145381) X = 0.036; Truncation = N

Ccdc6 (NM_001111121) X = 0.037; Truncation = N

Gprc5a (NM_181444) X = 0.037; Truncation = N

Cops5 (NM_013715) X = 0.037; Truncation = N

Atpi1 (NM_007512) X = 0.038; Truncation = N

Lin37 (NM_029377) X = 0.038; Truncation = N

Bloc1s1 (NM_015740) X = 0.038; Truncation = N

Atpif1 (NM_007512) X = 0.038; Truncation = N
reads

Tmem88 (NM_025915) X = 0.031; Truncation = N

Thoc3 (NM_028597) X = 0.03; Truncation = N

Agfg1 (NM_010472) X = 0.03; Truncation = N

Pttg1ip (NM_145925) X = 0.03; Truncation = N

Wdr83 (NM_026399) X = 0.03; Truncation = N

Pabpn1 (NM_019402) X = 0.03; Truncation = Y

Dnajc8 (NM_172400) X = 0.029; Truncation = Y

Ppp1r7 (NM_023200) X = 0.026; Truncation = N

Mcl1 (NM_008562) X = 0.026; Truncation = N

Commd1 (NM_144514) X = 0.025; Truncation = N

Mrpl36 (NM_053163) X = 0.025; Truncation = N

Nt5c (NM_015807) X = 0.025; Truncation = N

Lsm12 (NM_172947) X = 0.024; Truncation = N

Yy1 (NM_009537) X = 0.023; Truncation = N

Mrps23 (NM_024174) X = 0.023; Truncation = N
Tmem126b (NM_026734) X = 0.023; Truncation = N

Nfkbia (NM_010907) X = 0.023; Truncation = N

Smarcd1 (NM_031842) X = 0.023; Truncation = N

Hmgcr (NM_008255) X = 0.023; Truncation = N

Bop1 (NM_013481) X = 0.022; Truncation = N

Nop10 (NM_025403) X = 0.021; Truncation = Y

Sirt1 (NM_001159589) X = 0.021; Truncation = N

Gadd45b (NM_008655) X = 0.021; Truncation = N

Rnf169 (NM_175388) X = 0.02; Truncation = N

Ak2 (NM_001033966) X = 0.02; Truncation = N

Mkrn1 (NM_018810) X = 0.02; Truncation = Y

Timm9 (NM_001024854) X = 0.02; Truncation = N

Kdm4a (NM_001161823) X = 0.019; Truncation = N

Nr0b1 (NM_007430) X = 0.019; Truncation = N

Kif1a (NM_001110315) X = 0.019; Truncation = N

Fbxo28 (NM_175127) X = 0.019; Truncation = N

Tmem59 (NM_029565) X = 0.019; Truncation = N

Pfdn2 (NM_011070) X = 0.019; Truncation = N

Pdsh (NM_175094) X = 0.018; Truncation = N
Leprot (NM_175036) X = 0.012; Truncation = N

Eci1 (NM_010023) X = 0.012; Truncation = Y

Trmt11 (NM_028604) X = 0.012; Truncation = N

Wdr20a (NM_027149) X = 0.012; Truncation = Y

Spag7 (NM_001167669) X = 0.012; Truncation = N

Arl8a (NM_026823) X = 0.011; Truncation = N

Akap1 (NM_001042541) X = 0.011; Truncation = Y

Ammecr1 (NM_019496) X = 0.011; Truncation = N

Nup205 (NM_027513) X = 0.011; Truncation = Y

Taf6 (NM_009315) X = 0.01; Truncation = N

Alg5 (NM_025442) X = 0.01; Truncation = N

Psmf1 (NM_212446) X = 0.01; Truncation = N

Trp53inp1 (NM_001199105) X = 0.0099; Truncation = N

Acbd6 (NM_001145781) X = 0.0092; Truncation = Y

Haus4 (NM_145462) X = 0.0087; Truncation = N

Terf2 (NM_001083118) X = 0.0082; Truncation = N

Kdm3b (NM_001081256) X = 0.0081; Truncation = Y

Eif2a (NM_001005509) X = 0.0079; Truncation = N

Ssrp1 (NM_001136081) X = 0.0075; Truncation = N

Impa1 (NM_018864) X = 0.0068; Truncation = Y
Tmem101 (NM_029649) X = 0.0066; Truncation = N

Mvd (NM_138656) X = 0.0056; Truncation = N

Plaa (NM_172695) X = 0.0055; Truncation = N

Park7 (NM_020569) X = 0.0051; Truncation = N

Rnpc3 (NM_001038696) X = 0.0033; Truncation = N

Maged1 (NM_019791) X = 0.0033; Truncation = N

Chchd1 (NM_025366) X = 0.002; Truncation = Y

Adnp2 (NM_175028) X = 0; Truncation = N

Idh3g (NM_008323) X = 0; Truncation = N

Ccndbp1 (NM_010761) X = 0; Truncation = N

Dguok (NM_001162521) X = 0; Truncation = N

Klhl22 (NM_145479) X = 0; Truncation = N

Ubxn7 (NM_177633) X = 0; Truncation = N

Prnp (NM_011170) X = 0; Truncation = N

Psmb6 (NM_008946) X = 0; Truncation = N

Sfr1 (NM_026377) X = 0; Truncation = Y

Cldn6 (NM_018777) X = 0; Truncation = N

Ctsz (NM_022325) X = 0; Truncation = N

Msh2 (NM_008628) X = 0; Truncation = N

Grwd1 (NM_153419) X = 0; Truncation = N
Reads

2610528E23Rik (NM_025599) X = 0; Truncation = N

ACGGGGAUGGC | ACGGAAAUUGA

+ H

− H

Acadsb (NM_025826) X = 0; Truncation = N

GCGAGGAUGGC | UGGGCUAUGGG

+ H

− H

Ppil1 (NM_026845) X = 0; Truncation = N

CUCAGCAUGGC | ACUAGCAUGGG

+ H

− H

Sptl1 (NM_009269) X = 0; Truncation = N

CUAGCAUGGC | AUCAAGCAUGG

+ H

− H

Cldn7 (NM_001193619) X = 0; Truncation = N

AUGAACAAUGCA | CCAUUGAUGCC

+ H

− H

Higd2a (NM_025933) X = 0; Truncation = N

CGCGGGAUGGC | CGGCCCAUGGA

+ H

− H

Scand1 (NM_020255) X = 0; Truncation = N

UGAACAAUGCA | UUUUCAUGGG

+ H

− H

Tmem14c (NM_025387) X = 0; Truncation = N

UGGAAUAGCC | GAGAUCAUGAC

+ H

− H

Hmgcl (NM_008254) X = 0; Truncation = N

GUGAAGAUGGC | UCCUCCAUGGG

+ H

− H

Prmt1 (NM_001252476) X = 0; Truncation = N

GGAGAUGGCG | UGGAUAGGC

+ H

− H

Akirin1 (NM_023423) X = 0; Truncation = N

CGCGGGAUGGC | GGGCCCAUUGGA

+ H

− H

Ugcg (NM_011673) X = 0; Truncation = Y

CGGGGGAUGGC | GAGGGAAUGGC

+ H

− H

Pfdn1 (NM_026027) X = 0; Truncation = N

UCCAAUAUGGC | GAGAUCAUGAC

+ H

− H

Tmem222 (NM_025667) X = 0; Truncation = Y

CGCGGGAUGGC | CCUCGGAUGGC

+ H

− H

Armc8 (NM_001166138) X = 0; Truncation = N

CUCAAGCAUGGC | AUCCGCAUGAG

+ H

− H

Emc3 (NM_175101) X = 0; Truncation = N

GCGAAGAUGGC | GUGGGCAUGAU

+ H

− H

Pelp1 (NM_029231) X = 0; Truncation = N

GUGAAGAUGGC | GGGCUCAUGUG

+ H

− H

Zdhhc20 (NM_029492) X = 0; Truncation = Y

AGGAACAUGGC | UUUGUUAUGUU

+ H

− H

Hist1h3a (NM_013550) X = 0; Truncation = N

UUUGCUAUGGC | GCCGUCAUGGC

+ H

− H

Vps51 (NM_001081041) X = 0; Truncation = Y

GGAGCUAUGGC | CACGGGAUGCU

+ H

− H
Ppp2r4 (NM_138748) X = 0; Truncation = N

Ube2c (NM_026785) X = 0; Truncation = N

Safb (NM_001163300) X = 0; Truncation = Y

Chrac1 (NM_053068) X = 0; Truncation = N

Xpnpep1 (NM_133216) X = 0; Truncation = N

Akr1b3 (NM_009658) X = 0; Truncation = N

Pias1 (NM_019663) X = 0; Truncation = Y

Qtrt1 (NM_021888) X = 0; Truncation = N

Pofl2 (NM_001163307) X = 0; Truncation = N

Polr1c (NM_009085) X = 0; Truncation = Y

Adsl (NM_009634) X = 0; Truncation = N

Ogt (NM_139144) X = 0; Truncation = N

Exosc4 (NM_175399) X = 0; Truncation = N

Zlp622 (NM_144523) X = 0; Truncation = N

Klhl26 (NM_001122830) X = 0; Truncation = N

Celf1 (NM_017368) X = 0; Truncation = N

Hsf2bp (NM_028902) X = 0; Truncation = N

Gpc3 (NM_016697) X = 0; Truncation = N
Nek6 (NM_001159631) X = 0; Truncation = N
+ H
− H
UGCAGGAUGGC | AGCCACAUUGGC

Krt19 (NM_008471) X = 0; Truncation = N
+ H
− H
CUCUCAUGAC | UCACCUAUGGC

Mpv17 (NM_008622) X = 0; Truncation = Y
+ H
− H
GGGACGCAUGGC | UCACUGAUGGG

Med7 (NM_001104530) X = 0; Truncation = N
+ H
− H
UCUCAAAUGGG | CCUCCAAUGCA

Stat3 (NM_011486) X = 0; Truncation = N
+ H
− H
AGCAGGAUGGC | UUCCCCAUGGA

Bub1b (NM_009773) X = 0; Truncation = N
+ H
− H
UGCAGGAUGGC | GAAGCCAUGUG

Slc7a5 (NM_011404) X = 0; Truncation = N
+ H
− H
GAGAGCAUGGC | GAGAAGAUGUU

Arnt (NM_001037737) X = 0; Truncation = N
+ H
− H
UCGACCAUGGC | CCAGAAAUGAC

Pura (NM_008989) X = 0; Truncation = N
+ H
− H
AGCAUCAUGGC | CUCUCCAUGUC

Gng2 (NM_001038637) X = 0; Truncation = N
+ H
− H
GCUCCAAUGGC | CUGAAGAUGGU

Cd3eap (NM_145822) X = 0; Truncation = N
+ H
− H
GCUGGAAUGGC | ACGGAAUGGC

Kctd5 (NM_027008) X = 0; Truncation = N
+ H
− H
AGGAUCAUGGC | GCUGGGAUGGG

Wbp2 (NM_016852) X = 0; Truncation = N
+ H
− H
GAGACUAUGGC | AUCCUAAUGUC

Prss23 (NM_029614) X = 0; Truncation = N
+ H
− H
UCGACCAUGGC | GUGCUCAUGGC

Wbp2 (NM_016852) X = 0; Truncation = N
+ H
− H
GAGACUAUGGC | AUCCUAAUGUC

Hadh (NM_008212) X = 0; Truncation = N
+ H
− H
UGAGCUAUGGC | CGCUCCAUGGC

Tmem47 (NM_138751) X = 0; Truncation = Y
+ H
− H
CCGGGCAUGGC | AGCGGCAUGGA

Gabarapl1 (NM_020590) X = 0; Truncation = N
+ H
− H
UCCAUCAUGAA | GCUACCAUGGG

Smg6 (NM_001002764) X = 0; Truncation = N
+ H
− H
GCGAAGAUGGC | GAAAACAUGAA

Srfbp1 (NM_026040) X = 0; Truncation = N
+ H
− H
CUGGAGAUGGC | UCCGCAAUGGU

Ndufa13 (NM_023312) X = 0; Truncation = N
+ H
− H
GCAAGUAUGGC | CAGGACAUGCC

Ndufa13 (NM_023312) X = 0; Truncation = N
+ H
− H
GCAAGUAUGGC | CAGGACAUGCC