

Supplementary Table S1. Primer sets and the amplicon sizes

<i>Gene name</i>	<i>Forward primer</i>	<i>Reverse primer</i>	<i>Size (bp)</i>
<i>Rho-P23H</i>	5'-CGA GAG CCG CAG CCA TGA AC-3'	5'-CCC AGC ACG ATG AGC AGG AAC-3'	166
<i>Setd7</i>	5'-GGC AGA GGA ATA CAA GGG ATA G-3'	5'-ACG TGT GGT CCA GGT TAA AG-3'	200
<i>Gm27760</i>	5'-CAG AAT TCA GCC CAG ATC CTT-3'	5'-GTC AGG AGA ACT TCA GTC TTG G-3'	205
<i>Lars</i>	5'-AAA GGC CAC CTG TCT GTT CC-3'	5'-GAC TGA CAA GCA GCC AGC TC-3'	200
<i>Akt1</i>	5'-GTT CTG GCC ATC CAC ACA-3'	5'-AGT CCT CTC GGC TTC CT-3'	215
<i>Nrxn1</i>	5'-CTT TCA TTT GGT TCA TAA GAA CAG C-3'	5'-CTC ACT GTG TAG AGA GGA AAT CA-3'	276
<i>Mir3080</i>	5'-CTG TCA ACC TGA ACT AAT CAA ACC-3'	5'-GCC ACC TAA GCT CAG TTT CT-3'	246
<i>Sema5b</i>	5'-AAT GGT TGA ATT CCA GCA ACA G-3'	5'-GCT CCC TGT GAA ATG AAG ACT A-3'	258
<i>Gm37760</i>	5'-GTT GTG GTC AGT TGG TCA TTA G-3'	5'-GGC TCT ATG TCC CTA TTC TG AG-3'	225
<i>AC1277554</i>	5'-CAC AGT TTC CAC TTG CTT TC-3'	5'-GCA TTT GTA AAG CCT GCA T-3'	266
<i>Nek10</i>	5'-GGA AGA GAA AGG CAC TCA CA-3'	5'-CTT AAC ATC CTT CAG CAC CCT A-3'	210