**Table S1** Gene expression changes identified from a microarray of E10.5 *Plzf*wt/wt and *Plzf*lu/lu mice forebrain and midbrain.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Accession Number | Gene Symbol | *Plzf*wt/wt vs. *Plzf*lu/lu | Accession Number | Gene Symbol | *Plzf*wt/wt vs. *Plzf*lu/lu |
| **N1** | **N2** | **N1** | **N2** |
| NM\_007492NM\_008553NM\_010740NM\_001081275XM\_006535725NM\_018827NM\_016669NM\_010054NM\_016885NM\_010134NM\_001290753NM\_007960NM\_010181NM\_028263NM\_001291067NM\_001160112NM\_175284NM\_008237NM\_019564NM\_010494NM\_016851NM\_010572NM\_001161536NM\_177715NM\_001097621NM\_001039000NM\_008449NM\_057173NM\_001081088NM\_028977NM\_176920NM\_145515 | ArxMash1Cd93Cfap126Cnpy1Crlf1CrymDlx2EmcnEn2Ephb2Etv1Fbn2Fgfbp3Foxa2Foxg1Fzd10Hes3Htra1Icam2Irf6Irs4Islr2Kctd12Kif26aKif5aKif5cLmo1Lrp2Lrrc17Lrtm1Mark1 | 1.381.820.700.700.412.501.551.420.650.281.342.140.731.381.641.520.660.431.960.711.491.872.100.721.411.861.331.442.120.661.381.41 | 1.811.990.500.760.472.652.291.330.620.421.431.740.712.012.333.270.570.311.500.671.461.722.740.621.522.181.321.931.550.711.631.33 | NM\_008665NM\_152229NM\_176930NM\_130885NM\_008781NM\_025557NM\_013892NM\_008808NM\_019932NM\_032398NM\_172775NM\_026376NM\_011141NM\_008973NM\_011218NM\_177740AK083030NM\_017400NM\_009170NM\_011380NR\_038082NM\_011443NR\_015580AK153771NM\_010097NM\_009133NM\_019675NM\_008536NM\_009426NM\_023716NM\_013703NM\_001033324 | Myt1Nr2e1NrcamOxr1Pax3Pcp4l1Pcsk1nPdgfaPf4PlvapPlxnb1Plxnd1Pou3f1PtnPtprsRgmaRmstSh3gl3ShhSix2Six3os1Sox2Sox2otSox4Sparcl1Stmn3Stmn4Tm4sf1TrhTubb2bVldlrZbtb16 | 1.511.382.351.600.760.371.312.060.400.671.320.731.570.661.331.350.751.522.091.371.811.361.681.450.571.321.440.530.751.551.580.40 | 2.601.922.221.650.620.481.431.560.740.581.310.551.720.571.371.760.731.472.051.501.351.392.771.540.662.181.910.710.641.651.890.39 |

Summarized data from microarray analysis. N1 and N2, two independent groups, represent the corresponding sample sizes.