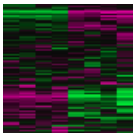
**DataSet Record GDS4155:** Expression Profiles | Data Analysis Tools | Sample Subsets

| | | | |
|---|---|---|---|
| **Title:** | Dopaminergic transcription factors Ascl1, Lmx1a, Nurr1 combined effect on embryonic fibroblasts | | |
| **Summary:** | Analysis of induced dopaminergic (iDA) neurons generated from E14.5 mouse embryonic fibroblasts (MEFs) reprogrammed by infection with lentiviruses expressing dopaminergic transcription factors Ascl1, Lmx1a and Nurr1. Results provide insight into the molecular basis of MEF to iDA reprogramming. | | |
| **Organism:** | *Mus musculus* | | |
| **Platform:** | GPL6246: [MoGene-1_0-st] Affymetrix Mouse Gene 1.0 ST Array [transcript (gene) version] | | |
| **Citation:** | Caiazzo M, Dell'Anno MT, Dvoretskova E, Lazarevic D et al. Direct generation of functional dopaminergic neurons from mouse and human fibroblasts. *Nature* 2011 Jul 3;476(7359):224-7. PMID: 21725324 | | |
| **Reference Series:** | GSE27174 | **Sample count:** | 8 |
| **Value type:** | transformed count | **Series published:** | 2011/07/04 |

Cluster Analysis



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- Annotation SOFT file

**Data Analysis Tools**

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Compare 2 sets of samples

Cluster heatmaps

**Experiment design and value distribution**