





Brainbow lines

| Line | JAX ref | Brainbow Construct | Copy number | Fluorescent proteins | Expression profile |
|------|---------|--------------------|---------------------------|--|--|
| H | 007901 | 1.0 | 8 (90 different hues*) |  | Cranial and spinal motor neurons, retinal ganglion cells, dentate gyrus granule cells, pyramidal neurons of CA1 and some cortical areas, and inferior olive neurons and associated mossy fibers. |
| L | 007910 | 1.0 | N.D. (166 different hues) |  | Same as line H, but also a few cerebellar Purkinje neurons. |
| M | 007911 | 1.1 | N.D. (several) |  | Astrocytes of all areas of the brain and spinal cord, dentate gyrus granule cells, and limited expression in a few scattered neurons. |
| R | 007921 | 2.1 | N.D. (several) |  | Same as line H, but also a few cerebellar Purkinje cells. However, expression is observed in the nucleus of all cells. |

*supposed to be $\frac{(n+1)(n+2)}{2}$ though.