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Molecular phenotyping of transient postnatal tyrosine hydroxylase neurons in the rat bed nucleus of the stria terminalis.

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Short title: Molecular phenotype of postnatal BNST neurons.

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HIGHLIGHTS

- Transient BNSTLI TH+ve/EGR1+ve neurons are present in both male and female rats.
- The molecular phenotype of BNSTLI neurons is defined using 13 protein markers.
- The immature BNSTLI phenotype is independent of SOX2, REST and RBFOX2.
- NR4A2/NURR1 is primarily cytoplasmic in BNSTLI TH+ve neurons
- TH+ve neurons in postnatal BNSTLI lack FOXA1, FOXA2 and FOXO1.

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