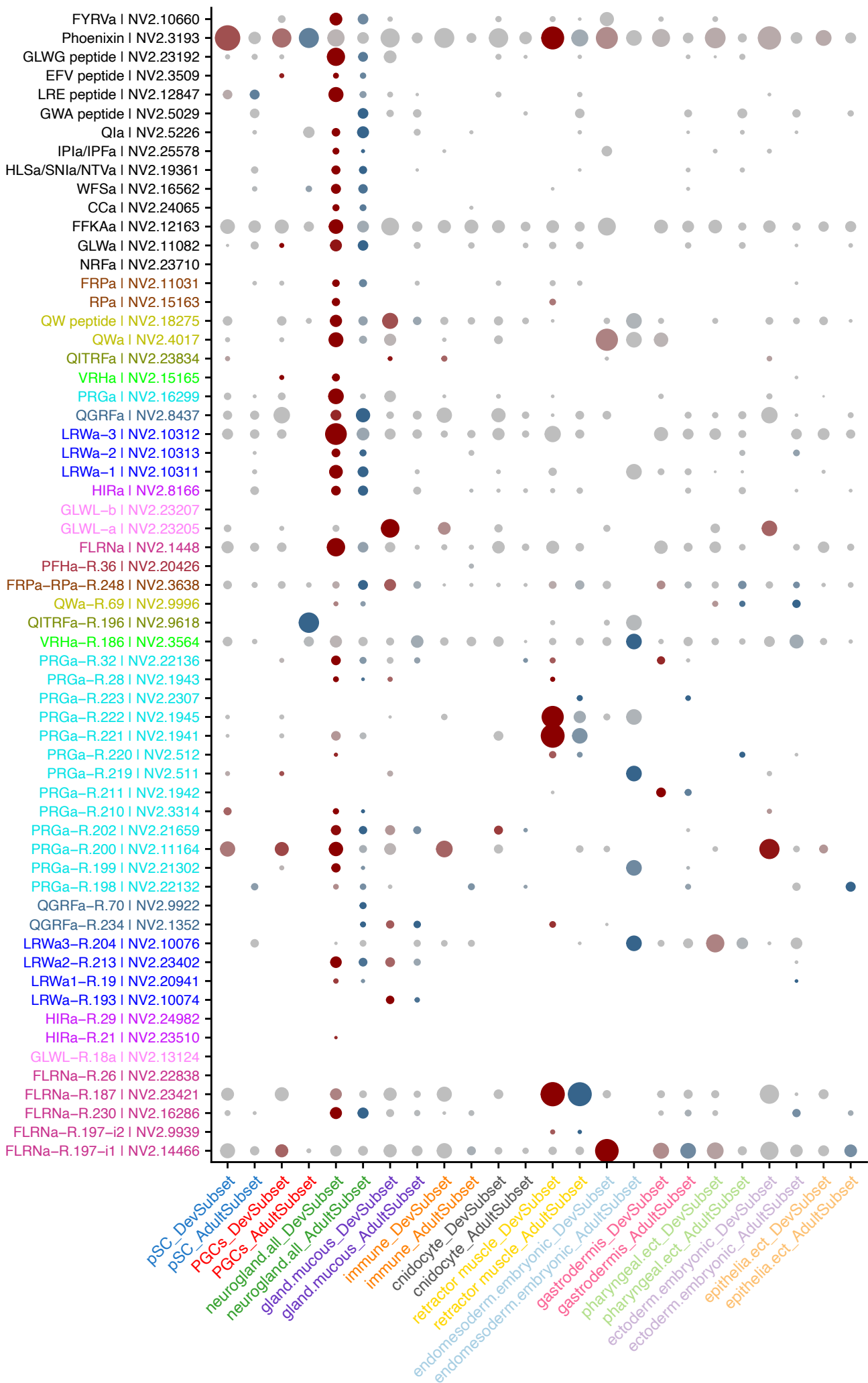


A

# GPR: Ligand & Receptors

AllData: Development vs Adult | Tissue types

Features



Split Identity

B

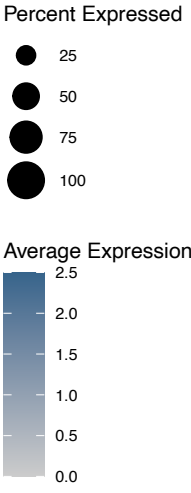
# GPR: Ligand & Receptors

Neuroglandular Subset: Adult Subset | Cell types

Features

- FYRVa | NV2.10660
- Phoenixin | NV2.3193
- GLWG peptide | NV2.23192
- EFV peptide | NV2.3509
- LRE peptide | NV2.12847
- GWA peptide | NV2.5029
- Qla | NV2.5226
- IPIa/IPFa | NV2.25578
- HLSa/SNIa/NTVa | NV2.19361
- WFSa | NV2.16562
- CCa | NV2.24065
- FFKAa | NV2.12163
- GLWa | NV2.11082
- NRFa | NV2.23710
- FRPa | NV2.11031
- RPa | NV2.15163
- QW peptide | NV2.18275
- QWa | NV2.4017
- QITRFa | NV2.23834
- VRHa | NV2.15165
- PRGa | NV2.16299
- QGRFa | NV2.8437
- LRWa-3 | NV2.10312
- LRWa-2 | NV2.10313
- LRWa-1 | NV2.10311
- HIRa | NV2.8166
- GLWL-b | NV2.23207
- GLWL-a | NV2.23205
- FLRNa | NV2.1448
- PFHa-R.36 | NV2.20426
- FRPa-RPa-R.248 | NV2.3638
- QWa-R.69 | NV2.9996
- QITRFa-R.196 | NV2.9618
- VRHa-R.186 | NV2.3564
- PRGa-R.32 | NV2.22136
- PRGa-R.28 | NV2.1943
- PRGa-R.223 | NV2.2307
- PRGa-R.222 | NV2.1945
- PRGa-R.221 | NV2.1941
- PRGa-R.220 | NV2.512
- PRGa-R.219 | NV2.511
- PRGa-R.211 | NV2.1942
- PRGa-R.210 | NV2.3314
- PRGa-R.202 | NV2.21659
- PRGa-R.200 | NV2.11164
- PRGa-R.199 | NV2.21302
- PRGa-R.198 | NV2.22132
- QGRFa-R.70 | NV2.9922
- QGRFa-R.234 | NV2.1352
- LRWa3-R.204 | NV2.10076
- LRWa2-R.213 | NV2.23402
- LRWa1-R.19 | NV2.20941
- LRWa-R.193 | NV2.10074
- HIRa-R.29 | NV2.24982
- HIRa-R.21 | NV2.23510
- GLWL-R.18a | NV2.13124
- FLRNa-R.26 | NV2.22838
- FLRNa-R.187 | NV2.23421
- FLRNa-R.230 | NV2.16286
- FLRNa-R.197-i2 | NV2.9939
- FLRNa-R.197-i1 | NV2.14466

- Nl(+), Nkx3
- Nl(+), rxrab
- Nl(+), ao, PRGa
- Ne?(+), otx, early
- Ne?(+), pit.1
- Nel(+), Nkx2.2
- Nel(+), otx, Six1.2
- Nel(+), pax2
- Nel(+), e) AshD
- Nl(+), Nk1.early
- Nl(+), Ap2, early
- Nl(+), vax.1
- Nl(+), emx3
- Nl(+), evx
- Nl(+), GF11B, prdm
- Nl(+), GF11B, nk25
- Nl(+), rough.1
- Nl(+), rough.2
- Nl(+), AshA, NOT
- Nl(+), Gsx
- Nl(+), Otp
- Nl(+), foxQ2d, early
- Nl(+), foxQ2d, early
- S, Klf5, tsp
- S, Klf5, early, state
- S2, til.4
- S2, til.2
- S2, til.3
- S, AGRIN, ao
- S, cellulase
- S, LDD3
- NSDg, early
- gland, d, HE
- gland, d, SVEP.2
- gland, d, Sox4
- gland, d, CPB2.1
- gland, d, CPB2.2
- S3
- Ne(-), PRDM14d
- N(-), barh2
- N(-), hez.1
- N(-), hez.2
- N(-), NOT2
- N(-), runx
- TR, N(-), Tbx20a
- TR, N(-), Tbx20b
- immune

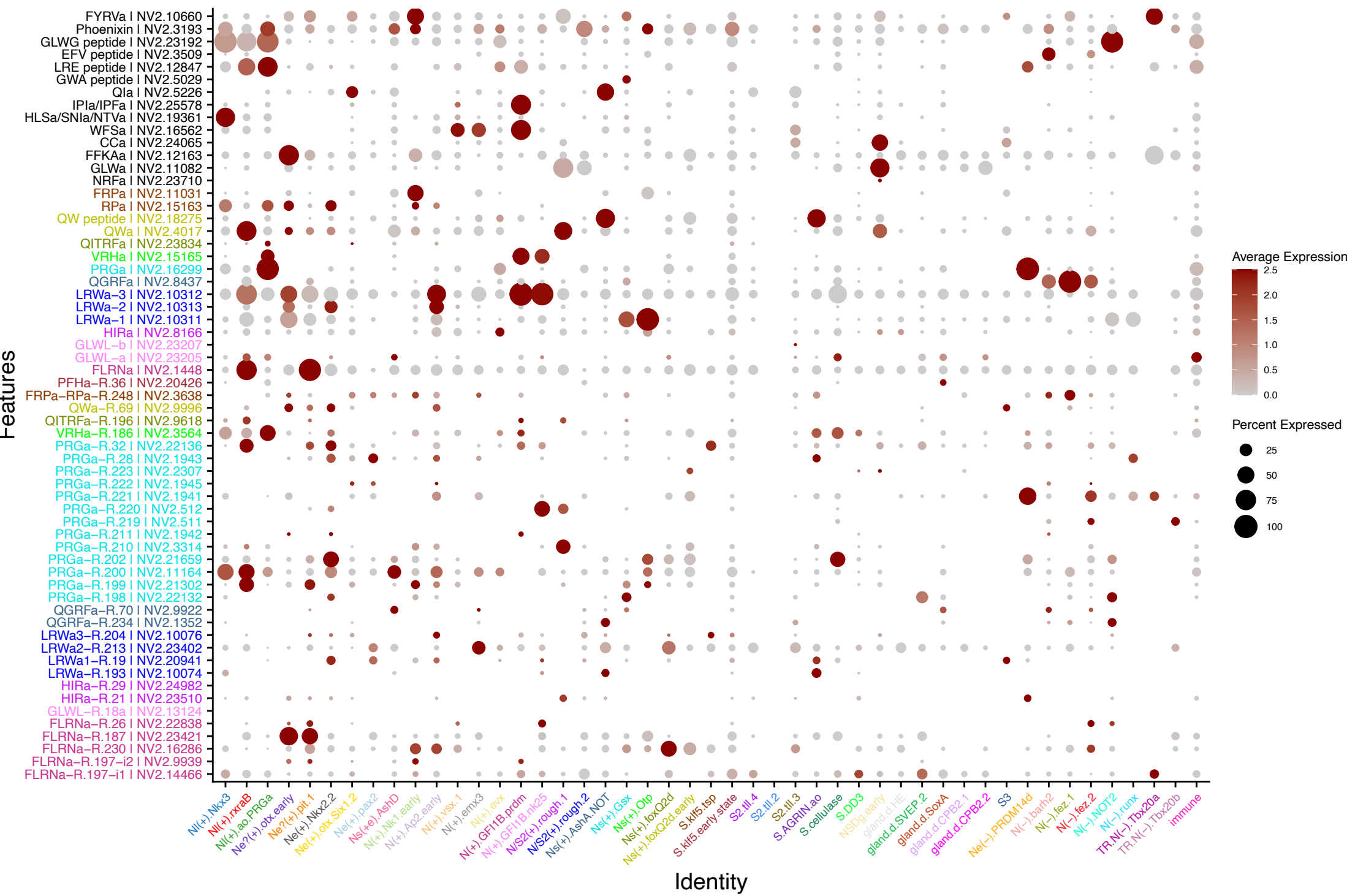


Identity

C

# GPR: Ligand & Receptors

Neuroglandular Subset: Developmental Subset | Cell types

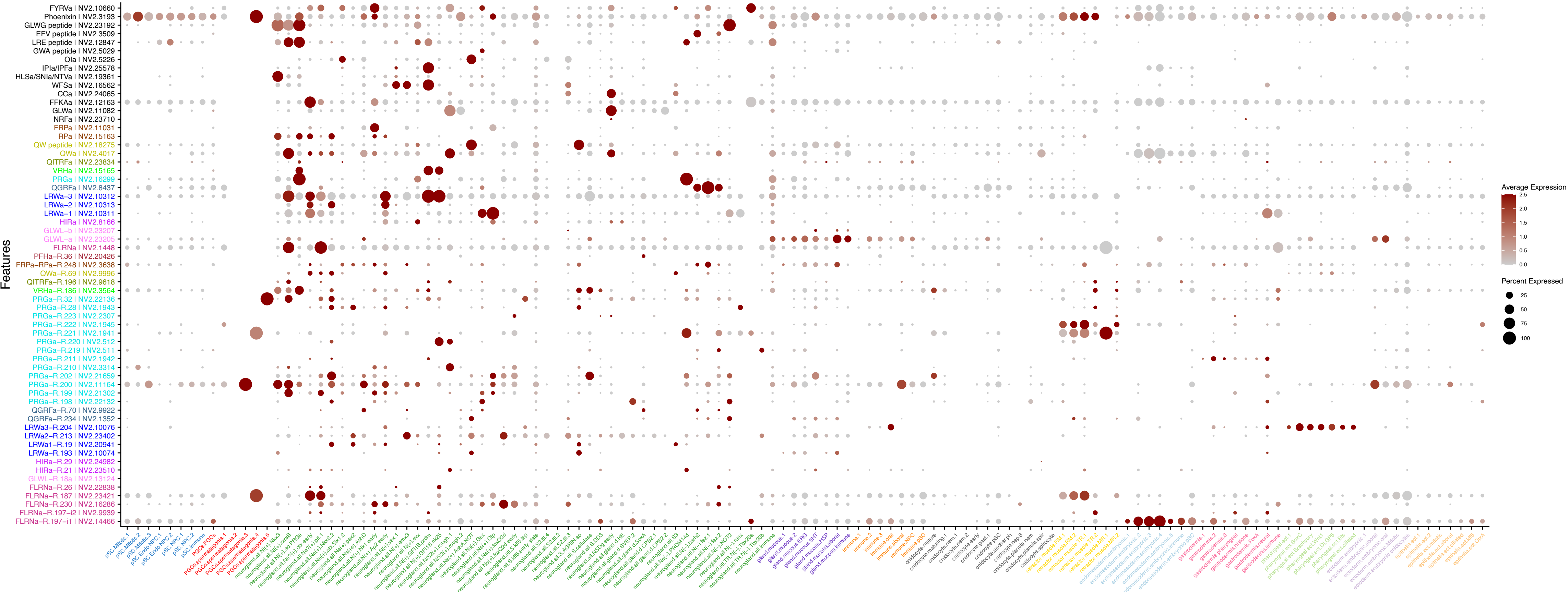


D

## GPR: Ligand &amp; Receptors

Development Subset | Cell types

Features



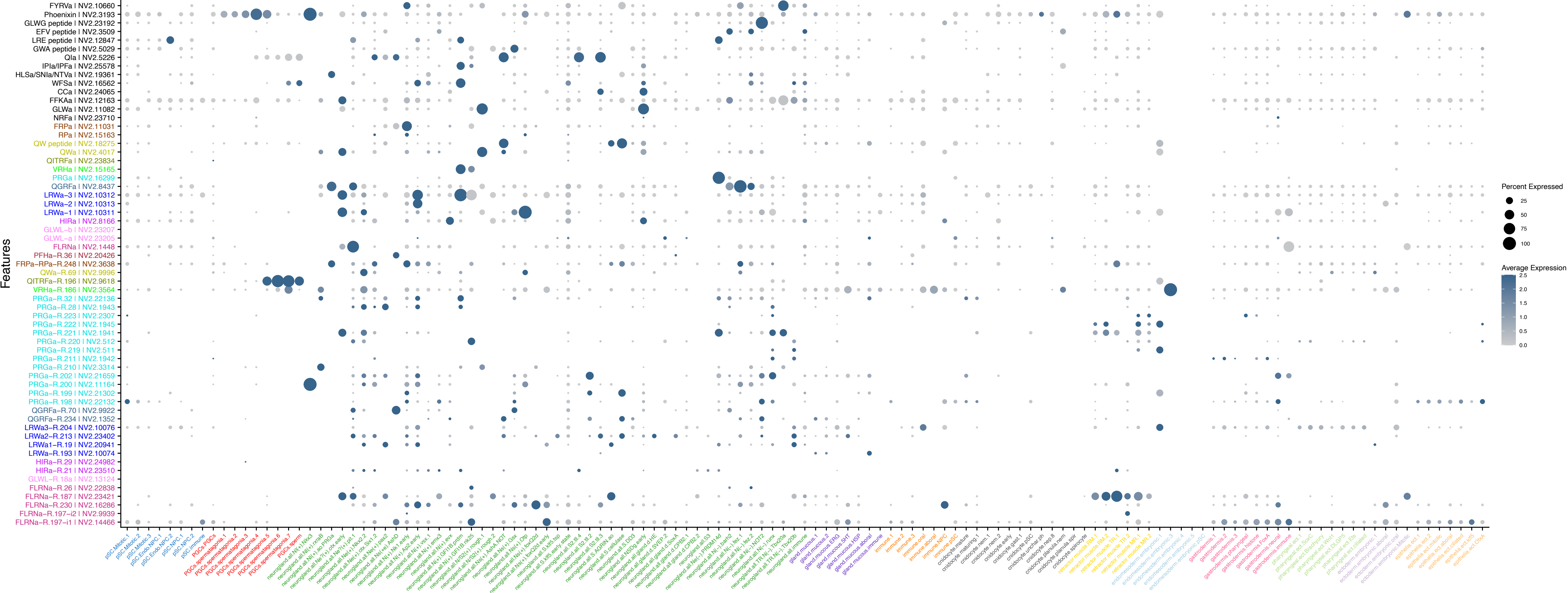
Identity



E

# GPR: Ligand & Receptors

Adult Subset | Cell types



### **Supplementary single Cell dot plots of neuropeptide precursor and GPCR**

**expression:** **A** Expression in different tissue types in the developmental (red) and adult (blue) dataset. **B** Expression in different neuroglandular cell types in the adult dataset. **C** Expression in different neuroglandular cell types in the developmental dataset. **D** Expression in different cell types in the developmental dataset. **E** Expression in different cell types in the adult dataset. Dot size indicates the percentage of cell expression the corresponding gene, color intensity indicates the average expression.